

2020

Wholegoods Product Catalog



This catalog presents a wide selection of equipment. Farm, ranch, landscape, municipal, and construction equipment users will find 225 different implements in 727 different widths or capacities to fit their exact requirements.

Gearmore provides quality implements, through servicing tractor dealers. It is Gearmore's continuing goal to develop and provide the finest and most reliable equipment at affordable prices.

Please use this catalog when considering your equipment requirements, then visit your local tractor dealer for more detailed product information and pricing.

Please visit our website (www.gearmore.com) to download the latest version of our catalog. We also have expanded literature pages to download. Plus, you can download a copy of parts/operation manuals for current as well as prior models of our implements.

For detailed literature, features, specifications, videos and spare parts manuals on all our products, please refer to our website www.gearmore.com

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LARGEST INVENTORY OF IMPLEMENTS ON THE
WEST COAST - "OUR FACILITY HAS OVER 2 ACRES
UNDER ROOF, OVER 93,000 SQ. FT.,
ON 5 ACRES OF LAND."

ASSEMBLY AREA

Specifications Subject To Change Without Notice

AERATORS

Advanced Aeration Systems - 3 Pt. & Pull type turf aerators



This is a fast, effective, low cost method to keep the soil surface open and minimize compaction without disrupting use of the turf area. As surface compaction is a continuous problem, caused by both use (foot traffic) and maintenance (mowing), venting aeration should be scheduled as often as possible to be effective. AerWay's complete line of **Turf Aerators** feature 5 different tine rotors to handle your exact requirements. The polyethylene built-in ballast tanks, when filled with water, obtain maximum tine penetration. Some of the popular options are: smoothing rear roller, tine spacings from 4 to 7.5 inches.

Width	Approx. H.P. w/Ballast	3-Point Weight	3-Point Wt. w/Ballast	Pull Type Weight	Pull Type Wt. w/Ballast
45"	20 - 30	977 lbs.	1627 lbs.	1194 lbs.	1844 lbs.
60"	25 - 40	1143 lbs.	2000 lbs.	1437 lbs.	2300 lbs.
75"	30 - 45	1223 lbs.	2263 lbs.	1587 lbs.	2627 lbs.
90"	40 - 65	1398 lbs.	2648 lbs.	1753 lbs.	3000 lbs.

AerWay®

Marketed by Gearmore, Inc.



Shattertine®



Sportstine®



Finetine®



Coring Tine®



Super Fine Tine®

BACKHOES

Manufactured by Bradco - 3-Pt hitch or 4-pt sub frame mount

Model #	365	490	3509	3511
Max. digging depth:	6' 4"	8' 5"	9' 8"	11' 1"
Dig. depth (2') flat bottom:	6' 4"	8' 0"	9' 7"	11' 0"
Dig. depth (8') flat bottom:	N/A	4' 4"	8' 3"	9' 11"
Loading height:	4' 7"	5' 3"	6' 10"	8' 0"
Loading reach:	3' 10"	4' 10"	4' 2"	5' 0"
Reach from swing pivot:	9' 0"	10' 7"	12' 9"	14' 5"
Stabilizer spread op. pos:	9' 3"	7' 6"	7' 11"	7' 11"
Stabilizer below grade:	10"	10"	16"	16"
System relief valve setting:	2250 PSI	2750 PSI	2100 PSI	2100 PSI
Digging force bucket cyl:	2599 lbs.	2895 lbs.	4768 lbs.	4768 lbs.
Digging force dipper cyl:	1358 lbs.	2358 lbs.	2162 lbs.	2567 lbs.
Bucket & swing arc rotation:	180°	180°	180°	180°



Our complete line of tractor mounted **Backhoes** were designed with the strength and features of construction backhoes. Available in 3-point hitch or sub-frame mount; makes it easy to install when trenching projects are required. The large operator area allows for easy entry and comfortable operation.

- 180° Dual-cylinder swing with internal hydraulic cushioning provides smooth operation & maximum power where needed
- Built from high-strength T1 steel to minimize weight and increase strength for durability
- Standard swing speed control to adjust swing speed
- Inline filter and check valve insures longer valve life and less maintenance
- High capacity buckets provide more volume per cycle - widths from 8" to 36" depending on size of backhoe



ADJUSTABLE THUMB

Lets your backhoe curl cylinder perform the "Clam" action

The **Adjustable Thumb** is designed to increase the productivity and versatility of your backhoe or mini-excavator. Ideal for landscapers and contractors. Dig and load with the same machine. These rugged built thumbs fit most compact tractor backhoes, 3-point agricultural backhoes, skid steer backhoes, small excavators, and commercial backhoes. Designed to do a wide range of material handling jobs such as: land clearing, demolition work, brush removal, and pipe placement. The thumb is also handy for the loading and unloading of rocks, railroad ties, etc. A qualified welder must complete the installation.

- "Claws" are made of high strength T-1 steel
- 2 Pin adjustable working position for a variety of material
- Folds flat against the dipper boom for storage
- Mounting requires welding unit to backhoe or mini-excavator dipperstick

Model No:	GAT-50	GAT-100	GAT-200	GAT-300
For buckets measuring from pivot pin to end of teeth:	Up to 17"	18" to 22"	24" to 29"	35" to 44"
Base mounting plate:	3 1/2"x19"	4"x18"	5"x21"	7"x38"
Thumb width:	4 3/4"	5 1/2"	7 1/2"	12"
Weight:	45#	60#	110#	280#



CAUTION: When lifting heavy objects, never exceed the lift capacity of the backhoe or mini-excavator

REAR BLADES

"GB" Series - 3-Point hitch 5' to 10' widths

GB5/GB6



GB60/GB70



GB75/GB85



GB800/GB900/GB1000



The **GB5 & GB6 Rear Blades** for up to 30 HP tractors are the answer for compact tractor earth-moving requirements. They are the most versatile rear blades on the market today, as all of the standard features normally found only on large expensive rear blades, are standard on the Gearmore Rear Blade. Tilt, angle, offset, and reverse are easy to adjust so that any grading or ditching operation may be accomplished.

The **GB60 & GB70 Rear Blades** are for any mid-size tractor up to 50 HP. These blades feature "Beam Swing" offset, which allows the heavy 4" x 4" beam to swing right or left to obtain maximum offset.

The **All Manual or Hydraulic Adjustment GB75 & GB85 Rear Blades** are the answer to low cost, medium horsepower (up to 95 HP), earth moving requirements. Change ditching or grading angles by just pulling a pin.

The **Hydraulic GB800, GB900, & GB1000 Rear Blades** are for high horsepower (up to 125 HP) earth-moving requirements. These blades are available in full manual or any combination of manual/hydraulic functions. The heavy duty frame is rugged and reliable, assuring years of trouble-free use.

All GB series rear blades have ½" x 6" reversible cutting edges. The GB5/6 and GB60/70 have a 4" x 4" steel tube main beam with a 2" solid round king pin. The GB75/85 have a 5" x 5" steel tube main beam with a 3" solid round king pin, and the GB800/900/1000 have a 6" x 8" steel tube main beam with a 4" solid round king pin.

Specs:	3-Pt.	Angle	Tilt	Offset	Wt.
GB5	Cat. 1	45° R or L	14° to 25°	6" R or L	260#
GB6	Cat. 1	45° R or L	14° to 25°	6" R or L	275#
GB60	Cat. 1	45° R or L	14° to 25°	35" R or L	360#
GB70	Cat. 1	45° R or L	14° to 25°	35" R or L	380#
GB75	Cat. 2 Clevis	50° R or L	20°	40" R or L	770#
GB85	Cat. 2 Clevis	50° R or L	20°	40" R or L	800#
GB800	Cat. 2 Clevis	30° R or L	14°	30" R or L	1105#
GB900	Cat. 2 Clevis	30° R or L	14°	30" R or L	1155#
GB1000	Cat. 2 Clevis	30° R or L	14°	30" R or L	1215#

HYDRAULIC BREAKERS

Low Cost - High Production

KEY POINTS:

- Only 2 moving parts
- Noise reduction
- Gas fired
- Durable side plates and housings
- Auto shut-off
- 2 Year warranty
- Large tool diameter
- Shock isolation

Paladin's New Strike Force Breakers provide exceptional performance and reliability for a variety of demolition tasks. From small excavation projects to the toughest demolition jobs, Paladin's Strike Force Breaker series has a smooth, powerful operation for maximum output energy and efficiency. Strike Force Small Mounted Breakers are ideal for mini excavators, skid steer loaders and compact backhoes for jobs that need a high breaking capacity.

FEATURES:

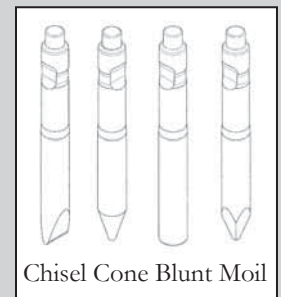
- 2 Popular sizes - 500 or 750 ft./lbs.. of impact energy
- Piston and cylinder designed to transfer high shockwaves
- Unique as breakers have only two moving parts
- Very easy to service and maintain
- 4 Different tool points are available -moil is standard options are - chisel, cone and blunt
- All breakers come standard with 2moil tools and extra seal kit
- Mounting brackets are available for skid steer, mini excavators and compact backhoes



	SFB500	SFB750
Working weight	637	747
Impact energy class	500	750
Impact rate (blows/min.)	640-1470	620-1150
Operating pressure (PSI)	1595-2120	1565-2175
Relief pressure (PSI)	2320-2610	2320-2610
Oil flow (gal./min.)	10.0-21.9	11.9-21.9
Tool diameter (inches)	2.63	2.67
Pressure line size (inches)	3/4	3/4
Return line size (inches)	3/4	3/4
Carrier weight excavator (lbs.)	5070-13,227	7054-15,873



Breaker in action
skid steer mount



Chisel Cone Blunt Moil

Manufactured By:

Model No.	Description	Ft / Lbs Energy	Wt.
SFB500	Hydr. breaker <u>less</u> mtg. bracket	500	637#
SFB750	Hydr. breaker <u>less</u> mtg. bracket	750	747#



NOTE: Breakers are available up to 12,000 impact energy

CULTIVATORS

One pass system for re-conditioning arenas

Arena-Vator III

SHOWN WITH
OPTIONAL SHANKS

Cat. 1
A.S.A.E.
Quick Hitch
Compatible



The *Arena-Vator III* is a highly versatile tool designed for a variety of arena surfaces. The new frame design will accept scarifier shanks that break up hard ground and can be equipped with a number of accessories to meet individual requirements. The AV-3 is designed to renovate and condition horse arenas and tracks in a single pass. It produces a firm, yet giving surface that provides the securest footing for your horses. Available in 4', 5', 6', 7', & 8' sizes. The standard unit is equipped with two rows of S-tine shanks with reversible points which loosen and cultivate the soil, an adjustable pipe leveler for leveling the soil, and a 12" diameter spiral rod rear roller to gauge the depth and pack the soil to provide a uniform finish.

OPTIONS:

- ~ Scarifier Shanks
- ~ Gauge Wheels
- ~ Hitch to convert 3-point to pull type, 4' and 5' only
- ~ Mesh rear roller in lieu of spiral rod roller

OPTIONS



Pull Hitch



Mesh Roller



Gauge Wheel

FEATURES:

- Two rows of S-tines 1 1/4" x 3/8" x 22" long with reversible and replaceable points
- Adjustable 4" diameter pipe leveling tube
- 12" Diameter spiral rod rear roller with turnbuckles for easy adjustment
- Cat.1, 3-point hitch on 4', 5', 6', and 7' models
- Cat. 1 & 2, 3-point hitch on 8' model

SPECIFICATIONS:

MODEL NO.	DESCRIPTION	WEIGHT
AV3-4	4' Arena-Vator III w/11 S-Tines	400 lbs.
AV3-5	5' Arena-Vator III w/13 S-Tines	480 lbs.
AV3-6	6' Arena-Vator III w/15 S-Tines	550 lbs.
AV3-7	7' Arena-Vator III w/17 S-Tines	660 lbs.
AV3-8	8' Arena-Vator III w/19 S-Tines	745 lbs.

CULTIVATORS

Soil Conditioners - Tills, levels, & finishes soil in a single pass

This Gearmore implement combines three different operations in order to obtain the maximum in soil conditioning. First the vibrating "S" tines break up the ground, then the spring loaded spike tooth bar levels and breaks up clods. The final operation is the spring loaded 12" diameter crumbler roller, which mulches and finishes leveling the soil. These Soil Conditioners are ideal for vineyards, orchards, nurseries, berries and general field work.



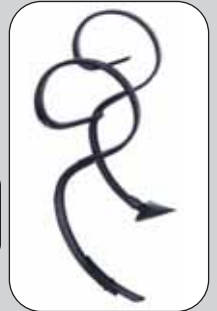
GSC10 With 7" Sweeps

**CAT I
A. S. A. E.
QUICK
HITCH
COMPATIBLE**

FEATURES:

- 20" High clearance "S" tines to penetrate and till up to 7" deep
- "S" tines are heavy duty $\frac{1}{2}$ " x $1\frac{3}{4}$ " spring steel
- Heat-treated, $\frac{3}{4}$ " x 11" spikes on 6" centers
- Spring loaded, 12" diameter rolling crumbler with serrated bars angled to finish mulching the soil
- Tapered frame permits traveling through vegetation without damaging it
- Tapered rolling crumbler yokes, on all models, guide material around baskets
- Easy to adjust and operate
- Travel speeds up to 8 miles per hour
- Minimum investment cost and low maintenance
- Total soil mixing also causes faster water penetration to the root zone
- Completely mixes soil, does not fold it over or move it to the side like a disc
- Leaves ground perfectly level, as ridges are knocked down and holes are filled-in

**$1\frac{3}{8}$ " Reversible
Point or 7" Sweep**



GSC6

SPECIFICATIONS:

MODEL NO.	WIDTH	"S" TINE BARS	NO. OF "S" TINES	NO. OF TEETH	ROLLING CRUMBLERS	WT.
GSC4	4'	2	7	8	1 - 4'	475#
GSC5	5'	3	9	10	1 - 5'	620#
GSC6	6'	3	11	12	1 - 6'	800#
GSC7	7'	3	13	14	1 - 7'	900#
GSC8	8'	3	15	16	1 - 8'	1000#
GSC10	10'	3	19	20	2 - 5'	1300#
GSC12	12'	3	23	24	2 - 6'	1620#
GSC13	13'	3	25	26	1 - 6' & 1 - 7'	1700#
GSC14	14'	3	27	28	2 - 7'	1840#
GSC15	15'	3	29	30	3 - 5'	1900#

Cultivators 4 to 7 feet are Cat. 1 - Cultivators 8 to 15 feet are Cat. 2

CULTIVATORS

In-Row Tools - For total control of in-row weeds



Rotary Hoe - 16"
Retractable



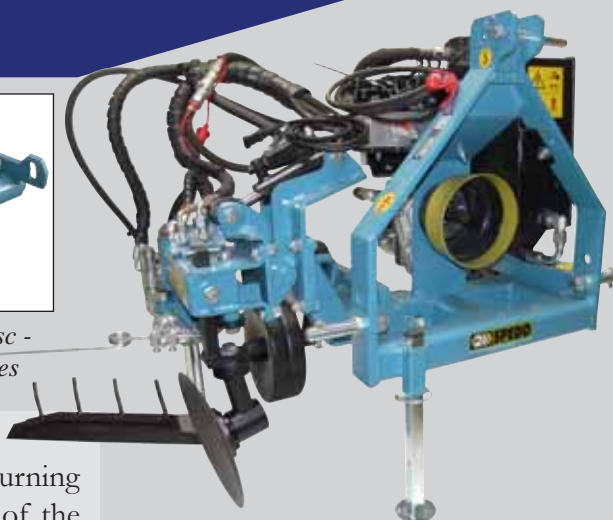
Rotary Mower - 24"
Retractable



Power Disc - 3
Blades Retractable



Back Fill Disc - 14", 2 Blades



The Spedo is an effective tool for under vine maintenance. This in-row blade undercuts weeds, while at the same time loosening and turning back the soil. The cutting blade hydraulically retracts around the base of the vine without damage. The unit was developed for one side weeding only, so as to operate at higher speeds with safe, accurate control.

- Cat. I and II, 3-pt. hitch
- Manual sliding tube to adjust for different row widths
- Hydraulic blade trip retraction system
- The blade is equipped with hydraulic tilt, PTO hydraulic pump, 14J only
- Coulter disc
- Dual gauge wheels with mud scrapers

Model No:	Description	Row Width	Weight
MIP01010J	In-Row Cultivator, blade mount only using tractor hydraulics	6' to 12'	700 #
MIP01014J	In-Row Cultivator with self contained hydraulic system, add implements	6' to 12'	800 #

SPEDO FINGER HOE

Quick and effective weed control for secondary tillage



The unique FINGER HOE operates around and between the vines without damaging the trunks. The weeding system has a 3 disc gang Spider Wheel to break up the soil and weeds, then the Finger Hoe tills and weeds in row line. The first pass of the year it may be necessary to loosen the ground with a Power Disc or Blade. The Finger Hoe will then be able to control the weeds until harvest. Also, in comparison to the traditional blade, you will find the Finger Hoe is much faster and avoids the formation of clods. This unit was developed for one side weeding, so it can be operated at high speeds with safe and accurate control.

- The "patented" adjustable Finger Hoe has weeding fingers made of steel and coated with polyurethane to prevent damage to the vines.
- Cat. I & II, 3-point hitch
- Manual sliding tube to adjust Finger Hoe to max. offset from center line of tractor - 56"
- Allows for operating in row widths as narrow as 6 foot
- The adjustable 3 gang spider wheels are 13.3" in dia. and made of hardened boron steel
- Adjustable 21 inch diameter poly fingers with under mounted tilling blades
- Dual gauge wheels with mud scrapers

Model No:	Description	Max. Offset	Max. Speed	Tilling Depth	Weight
FH1000	Finger Hoe Complete	56"	10 MPH	2"	420#

3-Point Post Hole Diggers - 4 Models to match your H.P.

**MODEL 720
HEAVY DUTY DIGGER**



**MODEL 500
STANDARD DUTY DIGGER**



**MODEL 300 FOR
SUB-COMPACT TRACTORS**



*Shown with optional
parking stand*

DIG DEEPER, FASTER & SMARTER

The **Worksaver Post Hole Diggers** are engineered to allow the operator to dig deeper, faster and smarter. Worksaver's line of PTO powered diggers offer time saving convenience with outstanding reliability. Shear bolt protected driveline is coupled to a rugged gearbox featuring tapered roller bearings and spring loaded seals for extended service life. Large 2" output shaft has two bolt auger connection for reliable power transfer. All job matched augers utilize fishtail center points with double flighting on the first.

Model No:	Horsepower	Cat.	Max. Auger Diameter	Auger Length	Weight
300	Under 25 H.P.	I	12"	30"	149#
500	Under 35 H.P.	I	12"	42"	160#
720	25 - 65 H.P.	I	24"	42"	206#
925	40 - 95 H.P.	I	30"	42"	220#
Optional down force kit available					

FEATURES:

- 3-pt. hitch mounted
- 2" Output shaft
- Replaceable fishtail auger point
- Rugged 540 RPM gearbox
- Shear pin drive
- 3 Boom positions
- Standard duty single flight and heavy duty double flight augers
- Optional parking stand

**MODEL 925
INDUSTRIAL DIGGER**



Marketed by Gearmore, Inc.

DIGGERS

Hydraulic - 7 Sizes to match your horsepower



"X" SERIES

The **"X" Series** is the most trouble free hydraulic digger on the market today. These diggers feature an "in-line" sealed planetary gear reduction drive design. This clean, effective system ensures long, trouble free usage. All "X" Series models feature reverse rotation for quick backout when obstructions are encountered. The system's hydraulic relief valve protects the digger from damage when an auger hits large immovable objects.

FEATURES:

- 7 Models to match tractor GPM's from 5 to 60
- All units feature planetary gear reduction, except D450
- High torque motors ensure digging through the toughest of conditions
- Adapter plate mounting on most popular skid steers, backhoes, loaders, etc.
- 3 Models of augers designed to match your soil conditions

Model No:	D450	X975	X1475	X1975	X2475	X4575	X5075
Min. Hyd. Flow GPM:	5	6	10	15	20	22	28
Max. Hyd. Flow GPM:	10	15	25	30	35	36	40
Max. Auger Diameter:	12"	24"	30"	36"	36"	48"	48"
Output Shaft Options:	2" Rd.	2 1/16" 2" Hex	2 1/16" 2" Hex	2 1/16" 2" Hex	2 1/16" 2" Hex	2" Hex	2" Hex


Auger extensions available in 2" & 2 1/16" round, and 2" hex in lengths of 24", 48", & 72"

Medium duty, heavy duty and rock augers are available

AUGERS High Quality Construction


ROCK AUGERS - "HDR" STYLE AUGERS

For solid, frozen ground and compacted soils

"HDR" Auger	Dia.	Tooth Qty.
	6"	6
	9"	8
	12"	12
	18"	18
	STD. FEATURES	
	<ul style="list-style-type: none">• Bullet style teeth & fabricated boring head• HD Single flight - ¾" thick bottom flight• 2" Hex collar ONLY• Available in 4' length	


HEAVY DUTY - "HDC" STYLE AUGERS

For difficult ground conditions

"HDC" Auger	Dia.	Tooth Qty.
	6"	2
	8"	4
	9"	4
	10"	4
	12"	4
	15"	6
	16"	6
	18"	6
	20"	6
	24"	8
	30"	10
36"	12	

MEDIUM DUTY - "HDF" STYLE AUGERS

For light to moderate ground conditions

"HDF" Auger	Dia.	Tooth Qty.	
	6"	2	● Fabricated boring head
	8"	2	
	9"	3	● Hardened bolt-on teeth
	10"	3	
	12"	4	● Hardened fishtail point
	15"	5	
	16"	5	● HD dbl fighting
	18"	6	● Collars-2" rnd., 2" hex, & 2 1/16" rnd
	20"	6	
	24"	8	● 3', 4', 5' & 6' lengths available
30"	9		
36"	11	● 4' Length stocked	

Manufactured By:



STANDARD FEATURES FOR "HDC" STYLE AUGERS:

- HD Cast steel boring head
- Hardened drive-in teeth
- Hardened fishtail point
- HD double fighting
- Collars - 2" round, 2 1/16" round & 2" hex
- Available in 3', 4', 5', & 6' lengths
- Stocked in 4' length

DISCS, TANDEM

"DH" Series - Compact discs for general useage

FEATURES:

NEW

- Cat. I, 3-point ASAE quick hitch
- Frame and gang beams - 3" x 3" heavy tubing
- 18" Notched front and plain rear blades on 7 1/2" spacing
- Axles are 1" square high carbon steel
- Axle are triple sealed, self-aligning ball bearings
- Gangs adjustable with 7, 14 and 21 degree settings
- Bearing hangers - 3/8" plate reinforced
- Handles for easy gang adjustment

Cat. I
A.S.A.E.
Quick Hitch
Compatible



SPECIFICATIONS:

Model No:	Cutting Width	H.P. Rating	Blade Diameter	No. of Blades	Weight
DH30-60C	60"	35 HP Max.	18"	16	735#
DH30-72C	72"	45 HP Max.	18"	20	815#
DH30-84C	84"	55 HP Max.	18"	24	885#

FEATURES:

- Cat. II, 3-point quick hitch
- Heavy duty frame
- 24" Notched front and plain rear blades
- 9" Blade spacing
- 1 1/2" Square gang axles
- Double sealed flange mounted bearings
- Adjustable rear gang
- Steel spacer spools

DISCS, OFFSET

"GO" Series - 3-Pt. hitch heavy duty discs



Model No:	Cutting Width	No. of Blades	Weight
GO24-60	6' - 0"	16	1120#
GO24-69	6' - 9"	18	1170#
GO24-76	7' - 6"	20	1405#
GO24-83	8' - 3"	22	1560#
GO24-90	9' - 0"	24	1600#

Manufactured By:

BWIimplement

DISCS, TANDEM

3-Point Hitch - 3 Series with 18", 20", or 22" blades

Cat. I
A.S.A.E.
Quick Hitch
Compatible



**MEDIUM DUTY
18" & 20" BLADES**

FEATURES:

- Cat. I, 3-pt. hitch, with 3" square tubing frame
- Notched front and plain rear, high carbon blades, with 1" square axles
- Heavy cast blade spools
- Sealed bearings provide superior performance
- Easy, quick angle adjustments of 7, 14 and 21 degree settings

Model No:	Cutting Width	Blade Diameter	No. of Blades	Weight
18-16-CBF	60"	18"	16	770#
20-20-CBF	72"	20"	20	820#
20-24-CBF	84"	20"	24	880#

Cat. I & II
A.S.A.E.
Quick Hitch
Compatible



**HEAVY DUTY
22" BLADES**

FEATURES:

- Cat. I & II, 3-pt. hitch, A.S.A.E. quick hitch
- 3/16" x 22" notched front and plain rear blades
- Front & rear gangs adjustable to 7, 14 or 21 degree settings
- 1 1/8" high carbon square axles
- 7 1/2" long cast spool spacers

Model No:	Cutting Width	Blade Diameter	No. of Blades	Weight
T1622	5' - 6"	22"	16	1100#
T2022	6' - 6"	22"	20	1230#
T2422	7' - 6"	22"	24	1515#
T2822	8' - 6"	22"	28	1660#

DISCS, TANDEM

"GV" Narrow Row Series - HD for years of troublefree useage

Narrow row crops like grapes, berries, pole tomatoes, etc., also require heavy duty tillage tools. Our **Narrow Row Tandem Disc** fits those requirements. This disc is excellent for knocking down weeds, leveling and mixing in residue. The 22" diameter notched front blades aid in cutting through hard soils, while the rear plain blades give a smooth finish. Flange mounted, double sealed, shielded bearings. A number of options are available, such as: dirt shield fenders, extension blades, bearing guards, special low position 3-point hitch, and 1" x 3" center shank.



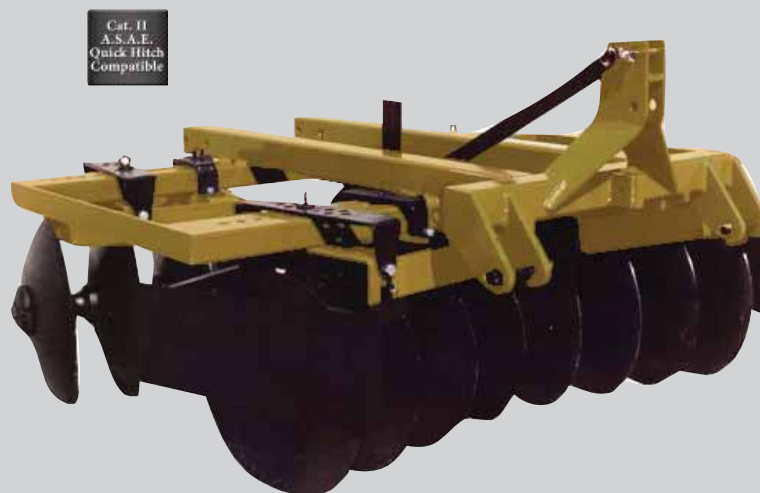
SPECIFICATIONS:

Model No:	Row Width	No. of Blades	Frame Width	Cutting Width	Weight
GV-5R	5' (60")	8	48"	32" to 44"	1200#
GV-6R	6' (72")	12	57"	56" to 62"	1420#
GV-8R	8' (96")	16	75"	68" to 80"	1745#

DISCS, TANDEM

"GRT" Series - Reversible tandem disc

Our heavier duty series of **Reversible Vineyard Discs** were designed for maximum strength and durability. The frame was built with heavy wall tubing for additional weight in tough soil conditions. The disc has 24" diameter plain blades front and rear. The 3-point hitch is Cat. II quick hitch, trunnion mounted bearings and 1" x 3" center shank. The reversible hitch can easily be remounted on the opposite end of the disc when required.



SPECIFICATIONS:

Model No:	Cutting Width	No. of Blades	Weight
GRT24P-HD-16	5' 8" to 7'	16	2160#
GRT24P-HD-18	7' 2" to 8' 6"	18	2260#
GRT24P-HD-20	7' 2" to 8' 6"	20	2490#

Manufactured By:

BWIimplement

DISCS, WHEEL

Narrow "VWT" Series - Medium duty, pull type tandem discs



Model No:	Cut. Width	No. of Blades	Weight
VWT24-16	5' 8" - 7' 0"	16	2480#
VWT24-18	7' 2" - 8' 6"	18	2600#
VWT24-20	7' 2" - 8' 6"	20	2680#
VWT24-22	8' 8" - 9' 8"	22	2720#
VWT24-24	8' 8" - 9' 8"	24	2800#

FEATURES:

- Frame:** 4" x 4" x 1/4" Structural tubing
- Gang Frame:** Fully adjustable front to rear
- Hitch:** Self leveling, spring cushioned with hand crank
- Bearings & Axles:** 1 1/2" Square axles w/trunnion mount double lip sealed greaseable bearings with wear shield
- Blades:** 24" x 4.5mm notched or plain
- Spools:** 9" Steel spacer spools & cast iron half spools
- Hydraulics:** 3 1/2" x 8" Cylinder
- Shank:** 1" x 3" Center shank with adjustable footpiece
- Wheel & Tire:** 6 Bolt hub and spindle assy with 9.5L x 15" 8 ply tire

DISCS, WHEEL

Wide "GT" Series - Medium duty pull type tandem discs



Model No:	Cutting Width	No. of Blades	No. of Wheels	Weight
GT-24T	9' 2"	24	4	3300#
GT-28T	10' 8"	28	4	3700#
GT-32T	12' 2"	32	4	4140#
GT-36T	13' 8"	36	4	4360#
GT-40T	15' 2"	40	4	4800#
GT-44T	16' 8"	44	4	5130#
GT-48T	18' 2"	48	4	5610#

FEATURES:

- Frame:** 4" x 4" x 1/4" Structural tubing
- Hitch:** Self leveling, spring cushioned with hand crank
- Gangs & Bearings:** 1 1/2" Square gang axles with greaseable trunnion mounted, double sealed bearings with wear guards
- Gangs:** Adjustable - front 12° to 22° - rear 9° to 21°
- Blades:** 24" x 6mm notched or plain, 9" spacing
- Scrapers:** Standard, adjustable individually or by gang
- Wheels & Tires:** 4 - 6 Bolt hub and spindle assy. 4 - 9.5L x 15" 8-ply tires
- Hydraulics:** 3 1/2" x 8" Cylinder with depth control and hoses
- Shank:** 1" x 3" Center shank
- Rear Hitch:** Standard equipment

Manufactured By:

BWIimplement

DISCS, WHEEL

Offset Pull Type "300" Series - For light & medium tillage conditions

The **Gearmore 300 Series Offset Discs** are ideal for light and medium tillage conditions. We offer sizes from 4'-6" to 9'-9"; for vineyards, berries, narrow row orchards, general field cultivation, etc. The offset design enables maximum penetration and even tillage of soil. Heavy construction with 4" x 3" x 1/4" frame, 1 1/8" axles, 22 inch diameter blades in notched or plain, self leveling hand crank, and double sealed bearings. Built in the West for tough, western conditions.



SPECIFICATIONS:

Model No:	G301	G302	G303	G304	G305	G306	G307	G308
Width:	4' 6"	5' 3"	6' 0"	6' 9"	7' 6"	8' 3"	9' 0"	9' 9"
No. of Blades:	12	14	16	18	20	22	24	26
H. P. Req'd:	35 - 45 HP	35 - 45 HP	40 - 55 HP	40 - 55 HP	45 - 60 HP	50 - 65 HP	55 - 70 HP	60 - 75 HP
Weight:	1300#	1400#	1500#	1600#	1700#	1800#	1900#	2000#

DISCS, WHEEL

Offset Pull type "500" Series - For general purpose wheel discs

The **Gearmore Low Profile Offset Discs** are of rugged design for deep tilling in all soil conditions. We offer the most popular widths of 6'-9" to 12', for orchard and general tillage operations. The offset design enables maximum penetration and even tillage of soil. Heavy construction with 1 1/2" square gang axles, 24 inch diameter blades in notched or plain, self leveling hand crank and trunnion mounted, sealed bearings. Built in the West for tough, western conditions.



Model No:	Cutting Width	No. of Blades	Frame	No. of Wheels	HP Req'd	Wt. Per Ft.	Wt.
G501	6' 9"	18	4" x 4" x 1/4"	2	50 to 70 HP	360 lbs.	2430#
G502	7' 6"	20	4" x 4" x 1/4"	2	55 to 75 HP	345 lbs.	2600#
G503	8' 3"	22	4" x 4" x 1/4"	2	60 to 80 HP	335 lbs.	2800#
G504	9' 0"	24	4" x 4" x 1/4"	2	65 to 85 HP	345 lbs.	3100#
G505	9' 9"	26	4" x 4" x 1/4"	2	70 to 90 HP	370 lbs.	3600#
G506	10' 6"	28	4" x 6" x 1/4"	4	75 to 100 HP	390 lbs.	4100#
G507	12' 0"	32	4" x 6" x 1/4"	4	80 to 120 HP	400 lbs.	4800#

Add "W" to model number for weed abatement applications

Manufactured By:

BWIimplement

[Return to TOC](#)

DISCS, WHEEL

Offset "700" Series - For finish tilling in all conditions



The **Gearmore Heavy Duty Offset Finishing Discs** are of rugged design for finish tilling in all soil conditions. We offer the most popular widths of 15'-6" to 22'-3", for general tillage operations. The offset design enables maximum penetration and even tillage of soil. Heavy construction with 1½" square gang axles, 26 or 28 inch diameter blades in notched and plain, self leveling hand crank, and trunnion mounted sealed bearings. Built in the West for tough, western conditions.

Model No:	Cutting Width	No. of Blades	Frame	No. of Wheels	Tractor HP Req'd	Wt. Per Foot	Weight
G704-9	15' 6"	42	6" x 8"	4	80 to 150 HP	610 lbs.	9,140#
G705-9	16' 0"	44	6" x 8"	4	90 to 160 HP	580 lbs.	9,220#
G711-9-F	18' 0"	48	6" x 8"	4	130 to 170 HP	600 lbs.	10,800#
G712-9-F	20' 9"	56	6" x 8"	4	150 to 185 HP	605 lbs.	12,465#
G714-9-F	22' 3"	60	6" x 8"	4	190 to 220 HP	580 lbs.	12,700#
G716-9-F	23' 9"	64	6" x 8"	4	200 to 225 HP	550 lbs.	13,000#

"F" stands for folding models - other widths available upon request

DISCS, WHEEL

HD Offset "900" Series - For heavy duty tillage operations



Model No:	Cutting Width	No. of Blades	H.P. Req'd	Weight
G903	14' 2"	26	145 to 235 HP	12,150#
G904	15' 3"	28	160 to 250 HP	12,530#
G905	16' 4"	30	170 to 265 HP	13,200#
G906	17' 5"	32	180 to 280 HP	13,600#
G907	18' 6"	34	190 to 285 HP	14,850#

Manufactured By:

BWIImplement

FEATURES:

Frame &

Tongue:

4" x 8" Structural tubing with hand crank

Hitch:

Hydraulic adjusted for easy tractor hook-up

Gangs &

Bearings:

2 ¼" Square gang axles with greaseable trunnion mounted triple sealed bearings with additional external seals

Gang Beams:

Blades:

8" x 8" Structural tubing
32" Diameter x 9.5 mm notched front and plain rear with 13" spacing

Scrapers:

Heavy duty high tensile steel

Wheels:

Dual with 8 bolt hubs and spindles

Tires:

4 - 12L x 15 8 Ply

MODEL G2V

The **Gearmore Mini Duster** is a simple all gear drive unit. The dust is accurately applied with easy to set application rates. A mechanical agitator insures even flow of material. The wind velocity of 150 MPH achieves maximum coverage. This economy duster is just right for use in narrow vineyards, berries, and other pole crops such as snow peas.

FEATURES:

- Requires only 15 PTO horsepower to operate
- All gear drive for low maintenance
- Mechanical agitation for even flow
- High wind velocity for maximum coverage
- Adjustable distribution nozzles



MODEL S420 & S530

Gearmore Dusters combine simple design with quality craftsmanship. The all-gear drive provides maximum performance with low maintenance. Sulfur is accurately applied with easy to set application rates. The model S530, with a large 400 lb. capacity poly hopper and extended fishtail distributors, is preferred by growers with wide row spacings. The model S420 with 300 lb. capacity poly hopper is the perfect machine for vineyards with narrow row spacings.

FEATURES:

- Polyethylene hopper and cover
- Wrap-A-Round tubular steel frame isolates and supports hopper
- All gear drive for low maintenance
- Mechanical agitation for even flow
- Wind velocities up to 180 MPH for maximum coverage
- Manual rate control allows for setting the pounds per acre
- Adjustable fishtail nozzles



SPECIFICATIONS:

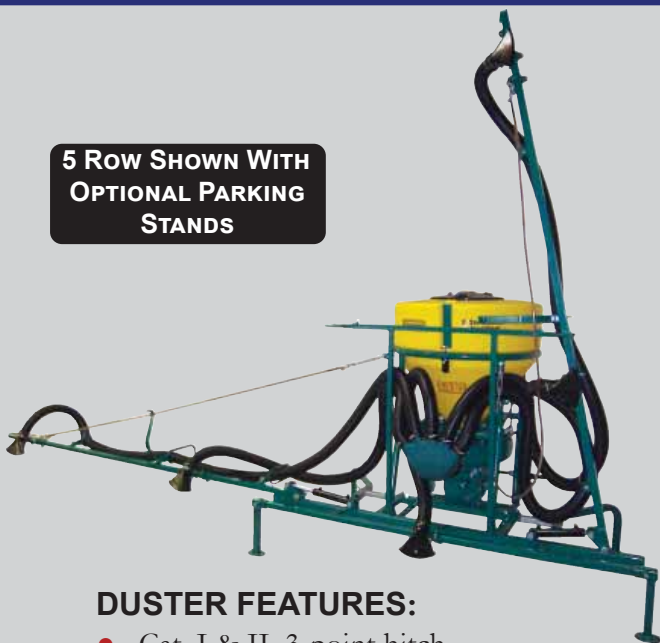
Model No:	Hopper Capacity	Fan Dia.	Wind Velocity	Row Width	Width	Height	Depth	Fishtail Ext.	Width w/ Fishtails	Wt.
G2V	150 lbs.	12"	150 MPH	4' - 6'	17"	42"	24"	D.N.A.	40"	150#
S420	300 lbs.	15 ¾"	150 MPH	6' - 8'	37"	48"	48"	Optional	37"	320#
S530	400 lbs.	19 ¾"	180 MPH	9' - 12'	37"	58"	48"	Yes	72"	390#
S530N*	400 lbs.	19 ¾"	180 MPH	6' - 8'	37"	58"	48"	No	37"	380#

* Same narrow fishtails as S420

DUSTERS, ROW CROP

Hydraulic Folding Boom - High speed turbine fan

5 ROW SHOWN WITH
OPTIONAL PARKING
STANDS



Gearmore Row Crop Sulfur Dusters feature all-gear drive provides maximum performance with low maintenance. Dust is accurately applied with easy to set application rates. The large 400 lb. capacity polyethylene hopper allows dusting of many acres between "re-fills".

The booms are available for 5 to 12 rows with adjustable nozzles to insure accurate dust placement on the plant foliage. Our Row Crop Sulfur Dusters have successfully controlled mildew on strawberries, tomatoes, watermelons, pumpkins, cantaloupes, peppers, cucumbers, and many other crops.

Sulfur has been proven to be the most effective way to control powdery mildew.

DUSTER FEATURES:

- Cat. I & II, 3-point hitch
- Wind velocities up to 180 M.P.H. at manifold
- Manual rate control allows for setting the pounds per acre
- Mechanical agitation for even flow
- Lever control, reachable from tractor seat, allows operator to turn the dust on and off
- Available in 5, 10, & 12 row, hydraulic foldaway booms
- Adjustable nozzles allows for angling to the foliage

Model No:	Description	Boom Length	Maximum Nozzle Centers	Weight
S530RC-5HF	5 Row Duster	31' 2"	68"	400#
S530RC-10HF	10 Row Duster	31' 2"	40"	460#
S530RC-10HF-3MT	10 Row Duster	41' 2"	48"	470#
S530RC-12HF-3MT	12 Row Duster	41' 2"	40"	500#

DUSTER, TRAILER

High Capacity - Less fill-ups

FEATURES:

- High performance, precision balanced, all-steel centrifugal turbine fan
- Swivel distribution nozzles adjust for vines and trees
- Full hopper length, large diameter agitator feeds spiral conveyor in bottom of hopper
- Tongue length and tire width are adjustable
- Wide angle constant velocity driveshaft
- Application rates from 5 to 100 lbs. per acre
- Separate 8 gallon (30 liter) fresh water safety tank



Our **Trailer Duster** now features new attachments as standard equipment. An electro hydraulic cylinder with control box for adjusting from the tractor. Also, a hydraulic motor to control the speed of the full length spiral conveyor and agitation system. This insures uniform, accurate distribution of the dust.

Model No:	Hopper Capacity	Min. H.P.	Volume of Air	Air Speed	Height	Width	Length	Tires	Wt.
MAXI600-SPC	1000 lbs.	40 HP	3180 CFM	420 MPH	50"	50" to 68"	110"	9.5Lx15-8Ply	940#

Bucket & Trash Forks - Make your loader more productive

Bucket Forks are a quick, easy way to turn your loader bucket into a forklift. Mounts in seconds to most loader buckets without tools. Forks are equipped with handles for ease in mounting and spacing adjustments. Both forks now have baked-on powder coated paint for rust-free durability and long lasting glossy finish.

Model No:	Capacity (lbs.)	Fork Dimension	Weight
1000	1000 lbs.	2" x 3" x 32"	90#
2000	2000 lbs.	2" x 3" x 36"	110#
3000	3000 lbs.	2" x 4" x 42"	190#
4000	4000 lbs.	2" x 4" x 42"	220#
6000	6000 lbs.	3" x 5" x 48"	250#



BUCKET FORKS

If loader buckets are equipped with bolt-on cutting edges, both the forks on this page are available with wide opening, just add **W** to model number.



TRASH FORKS

Models:	GTF48	GTF54	GTF60	GTF66	GTF72
Bucket Size:	48"	54"	60"	66"	72"
Width:	46"	52"	58"	64"	70"
Tines:	5	5	6	6	7
Approx. Space Between Tines:	8 1/2"	10"	8 1/2"	10"	9"
Weight:	160#	170#	180#	195#	210#

A loader bucket is great for moving soil, but handling trash is a problem. Our **Trash Forks** are an economical and easy mount solution to this problem. This handy tool will make moving tree branches and other debris an easy task.

These **Clamp-on Bucket Bale Spears** are a quick and handy tool to convert your loader bucket into bale spears. The units have a capacity of 3000 pounds and can handle square or round bales.

- 2 Heavy screw-lock clamp brackets w/zinc plated handle/screw assemblies
- 2" Square, 1/4" wall tubing by 20" long tines
- Clamps fit deep into the bucket for added strength
- Clamping brackets placed near bucket side plates for added strength
- Spear length - 41", diameter - 1 5/8"
- Overall length - 56"
- 1 1/4" Opening for bucket cutting edge

Model No:	Description	Capacity	Weight
CBS-3000	Pair of Bale Spears	3000 lbs.	135#

BALE SPEARS

Clamp-on - Easily converts bucket to bale spears



All Forks and Bale Spears come with sliding handle screw and swivel locking plate. They are zinc coated for easy operation and to prevent rust.

FORKS

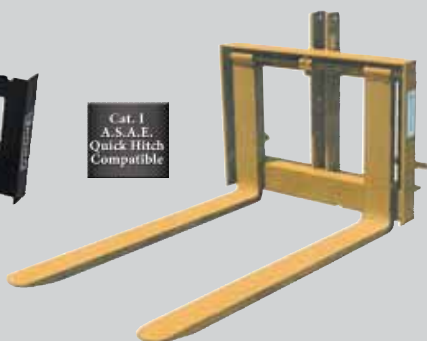
3-Point Mounted - Lift without the expense of a forklift

ADJ. TINE FORKS MODEL 3548



Cat. II
A.S.A.E.
Quick Hitch
Compatible

ADJ. TINE FORKS MODEL 1500AT



Cat. I
A.S.A.E.
Quick Hitch
Compatible

ECONOMY FORKS MODEL 1200



Cat. I
A.S.A.E.
Quick Hitch
Compatible

STD. DUTY FORKS MDL. 1500 & 2000-3PT



Cat. I
A.S.A.E.
Quick Hitch
Compatible

Model No:	Cap.	Fork Width (center to center)	Fork Thickness	Fork Length	Wt.
1200	1200 lbs.	26"	2"x4"x $\frac{3}{16}$ " tube	41"	90#
1500 QH	1500 lbs.	26"	1" x 4" solid	41"	160#
2000-3PT QH	2000 lbs.	26"	1 $\frac{1}{4}$ " x 4" solid	41"	180#
1500AT	1500 lbs.	5" to 26"	1 $\frac{1}{4}$ " x 4" solid	41"	290#
3548 Cat. II	3500 lbs.	10" to 36"	1 $\frac{1}{4}$ " x 4" solid	48"	315#

FORKS, BUCKET

Turns your loader bucket into a forklift

The **Gearmore Bucket Forks** allows you to turn your tractor into a forklift in seconds. Our simple safety lock brackets are welded to your bucket. You then curl down the bucket and drive into the forks. Next level the bucket and the forks lock into place.



- Mounts to loader bucket in seconds
- Patented forming process increases the bend and heel thickness by 20%
- Tines made of special boron steel and fully heat treated after bending
- Heavy plate mounting brackets
- Rods made of 4140 ground and polished, high carbon steel
- Extra long tine taper for easier load entry
- Adjustable tine spacing
- Forks have a safety rating of 3 times the stated capacity (except 1200#)



**Safety Lock
System**

Model No:	12 UNIV	25 UNIV	40 UNIV	60 LB	60 UNIV	80 UNIV	110 UNIV*
Max. Load Cap. Tine Ct:	1200 lbs.	2500 lbs.	4000 lbs.	6000 lbs.	6000 lbs.	8000 lbs.	11000 lbs.
Bucket Opening up to:	23"	32"	40"	40"	49"	54"	67"
Tine Height**:	31"	38"	46"	46"	55"	61"	73"
Tine Length:	36"	36"	42"	46"	46"	48"	60"
Adj. Width:	60"	60"	72"	72"	72"	72"	84"
Weight:	225#	240#	330#	400#	435#	690#	960#
Rod Size:	1 $\frac{1}{4}$ " x 5'	1 $\frac{1}{4}$ " x 5'	1 $\frac{1}{4}$ " x 6'	1 $\frac{1}{2}$ " x 6'	1 $\frac{1}{2}$ " x 6'	1 $\frac{3}{4}$ " x 6'	2" x 7'
Tine Size:	1" x 4"	1 $\frac{3}{8}$ " x 4"	1 $\frac{3}{8}$ " x 4"	1 $\frac{3}{4}$ " x 4"	1 $\frac{3}{4}$ " x 4"	2" x 5"	2" x 6"
No. of Brackets:	3	3	4	4	4	4	4

* By adding a 3rd tine, capacity is 16,500 lbs. and by adding a 4th tine, capacity is 22,000 lbs.

** Deduct 2" to calculate center of rod bushing height.

Pallet Forks - Available in pin-on, JD & skid steer quick attach



These handy **Fork Attachments** can make your tractor/loader into a low cost forklift. Models include John Deere and Skid Steer quick attach pallet forks. The forks feature lockable tines and slotted rails. The solid tines are made of Boron Steel and then are heat treated. Also available - two models of "Walk-Thru" SSL pallet forks



NPF-3748F



WARNING: The loader mounted fork attachments are specifically designed to engage and load palletized materials. Do not use forks to handle large loads, such as bales, posts, etc., and avoid carrying loose or shiftable loads, as they can fall or roll back onto operator causing serious injury or death.

- Load capacities of 2250 & 3750 lb.
- Fits compact and utility loaders
- Forks are constructed of Boron steel and heat treated
- Adjustable and lockable rail style forks
- Equipped with high visibility load guard
- New Skid Steer forks have bolt-on Gearmore logo plate - when removed become walk through design

Models:	ULF-2242 Pin-On	ULF-3548 Pin-On	JLF-2242 JD QA	NPF-3742F SSL	NPF-3748F SSL
Lift Cap:	2250 lbs.	3750 lbs.	2250 lbs.	3750 lbs.	3750 lbs.
Fork Length:	42"	48"	42"	42"	48"
Tine Size:	1 1/4" x 3" Solid	1 1/4" x 4 1/2" Solid	1 1/4" x 3" Solid	1 3/8" x 4" Solid	1 3/8" x 4" Solid
Loader Mounts:	Compact loaders between 28 1/4" ID & 47 1/4" OD w/3/4" or 1" pins	Loader frames between 32" ID & 48" OD with 1" or 1 1/8" pins	Fits JD compact loaders w/quick change attach. carrier	Fits skid steer quick attach 3750# capacity at 21" load center	Fits skid steer quick attach 3750# capacity at 21" load center
Weight:	280#	385#	280#	375#	395#

Available For Universal, John Deere & Global / Euro Quick Attach

The new heavy duty frames are designed to handle both the 3750 and 5500 lb. capacity forks. The 10 gauge brickguard offers outstanding strength and smooth surface for protection and less load damage. Also, the convenient non-skid step offers easy operator access, except 2300 lb. capacity. The tine end visibility is excellent.

3750 LB. CAP.

2300 LB. CAP.



Code No:	Description	Capacity	Tine Length	Wt.
107283/106220	SSL QA Compact	2300 lbs.	42"	270#
107283/106222	SSL QA Compact	2300 lbs.	48"	285#
17380 / 102028	SSL QA Fork Assy.	3750 lbs.	42"	450#
17380 / 102030	SSL QA Fork Assy.	3750 lbs.	48"	480#
101177/102028	JD QA Fork Assy.	3750 lbs.	42"	410#
101177/102030	JD QA Fork Assy.	3750 lbs.	48"	440#
17380/102032	SSL QA Fork Assy.	5500 lbs.	42"	490#
17380/102034	SSL QA Fork Assy.	5500 lbs.	48"	500#
109065/102034	Euro Global Fork Assy.	5500 lbs.	48"	465#

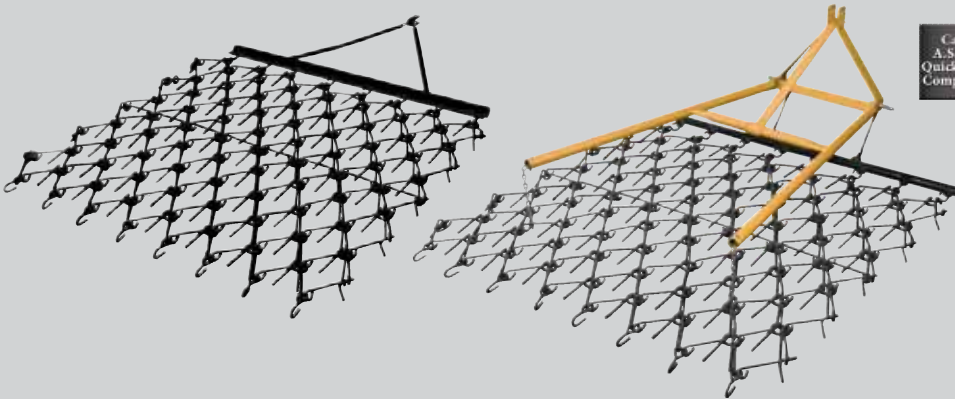
- Available in 2300, 3750 & 5500 lb. cap.
- Fork tines available in 42" & 48" length
- Exclusive load retention hook for securing and positioning pallet loads
- Solid tine positioning w/spring loaded toggle operation
- Easy loading with tapered tines

HARROWS, CHAIN

Drag or Lifiable - Aggressive, light, or minimum positions

**DRAG - AVAILABLE
IN ALL SIZES**

**LIFTABLE - AVAILABLE
IN 4x4, 6x6 & 8x6**



**5/8" TINES DRAG
CHAIN HARROWS**



FEATURES:

- Tines 1/2" diameter by 4 1/4" long
- No parts to lubricate/adjust
- Offset tines eliminate ridges
- Evenly works ground regardless of terrain
- Cold formed tines eliminate breakage
- Can be operated at speeds up to 8 MPH

NOTE: 4' Lift Harrow Not Cat. I Quick Hitch Compatible

FEATURES:

- 2" Pipe drawbars w/ 5/8" chain
- Tines 5/8" diameter x 6" long
- Cold formed tines eliminate breakage
- Evenly works ground regardless of terrain
- No parts to lubricate or adjust
- Can be operated at speeds up to 8 MPH

PASTURE RENOVATION & MAINTENANCE

Spreads and incorporates manure, thatches dead growth, aerates soil, increases moisture penetration and renovates pastures by preparing soil for seeding while stimulating existing growth.

DIRT & GRAVEL MAINTENANCE

For ball diamonds, race tracks, dirt and gravel roads, rodeo arenas, etc. Smooths rough spots, fills holes and incorporates moisture.

GRASS & TURF MAINTENANCE

For parks, golf courses, and playing fields. Incorporates seed, dethatch turf, and aerates soil. Pulls out dead material without disturbing new growth.

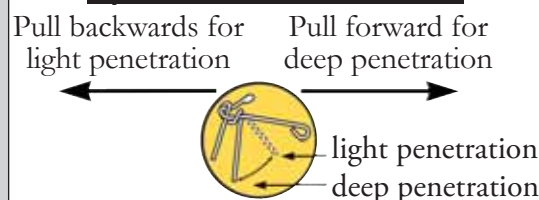
ALL TILLAGE APPLICATIONS

Prepares firm, level seedbed in combination with drills, cultivators and discs. Can be used to break up crusts and clods. Incorporates herbicides evenly because flexible design assures uniform depth.

Model #	Type	Description	Wt.
G4-3P-H4x4-1/2	3-Pt.	4' Wide x 4' Deep	140#
D4-4x6-5/8	Drag	4' Wide x 6' Deep	150#
D6-6x8-5/8	Drag	6' Wide x 8' Deep	310#
G6-3P-6x6-5/8	3-Pt.	6' Wide x 6' Deep	280#
D8-8x8-5/8	Drag	8' Wide x 8' Deep	373#
G8-3P-8x6-5/8	3-Pt.	8' Wide x 6' Deep	351#
D10-10x8-5/8	Drag	10' Wide x 8' Deep	490#
D12-12x8-5/8	Drag	12' Wide x 8' Deep	634#

Drawbars Only			Chain Sections			
Model #	Width	Wt.	Model #	Width	Depth	Wt.
D4	4'	26#	H4X4-1/2	4'	4'	70#
D5	5'	30#	H5X4-1/2	5'	4'	86#
D6	6'	36#	H6X4-1/2	6'	4'	105#
D8	8'	50#	H6X6-1/2	6'	6'	157#
D10	10'	60#	H6X8-1/2	6'	8'	209#
D12	12'	70#	H8X6-1/2	8'	6'	209#
D1D	Adaptor Kit		H10X4-1/2	10'	4'	174#

Flexible Two-Way Design For Optimum Debris Clearance



VARIABLE ACTION FOR EVERY APPLICATION



MINIMUM ACTION

Tines in smoothing position



LIGHT ACTION

Reversed tines angled farther back



AGGRESSIVE ACTION

Tines stand up at 75° angle

HARROWS, ROTARY

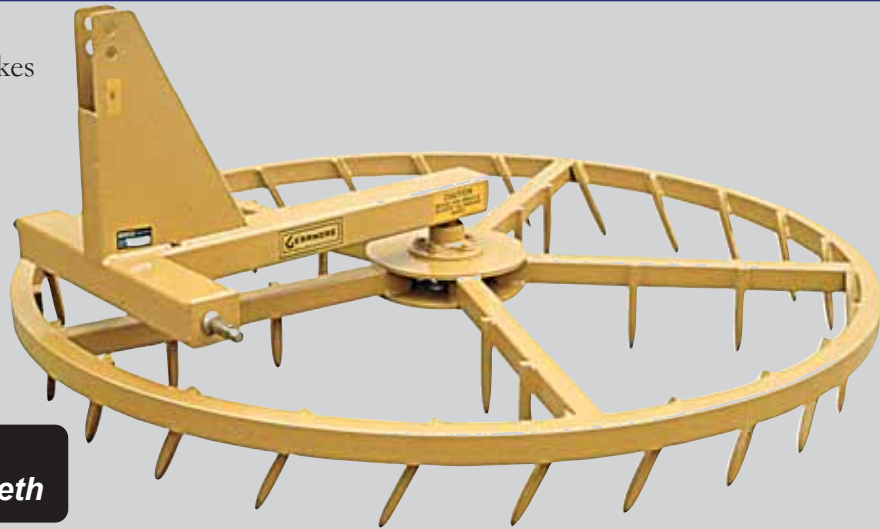
3-Point Hitch - Gives arenas smooth, level surfaces

FEATURES:

- Cat. I, 3-point hitch
- 2" x 2" Square tubing wheel with 5 spokes
- 5 ½" High carbon teeth
- Sealed bearing hub
- Heavy 3" x 4" tubing frame
- 8" Bolt-on replaceable teeth
- Angled teeth provide trash clearance



Now with
replaceable teeth



The GRH Series of **Rotary Harrows** was designed to aerate soil and pull weeds. The unique turning action allows the harrow to level soil by redistributing it inward. Excellent tool for moving high spots away from fences and walls. Levels, floats and breaks up clods. The ideal product to use in arenas.

SPECIFICATIONS:

MODEL NUMBER:	DESCRIPTION	WEIGHT
GRH SERIES		
GRH5B	Rotary Harrow, 5 Foot	240#
GRH6B	Rotary Harrow, 6 Foot	290#
GRH7B	Rotary Harrow, 7 Foot	335#
GRH8B	Rotary Harrow, 8 Foot	385#

Our Cat. I & II **Quick Hitches** were designed to make changing implements easier, safer and faster. Thus eliminating the lifting and moving heavy implements into position for mounting to the tractor. You can safely change implements in seconds.

FEATURES:

- Operator can engage and secure implements more easily
- Reduces chance of personal injury as no need to put yourself between the tractor and the implement, except for attaching driveshafts
- Automatic lock with quick release handles
- Optional hydraulic top link cylinders are available for easier hook-up
- Additional bushing kits for each implement are available

QUICK HITCHES

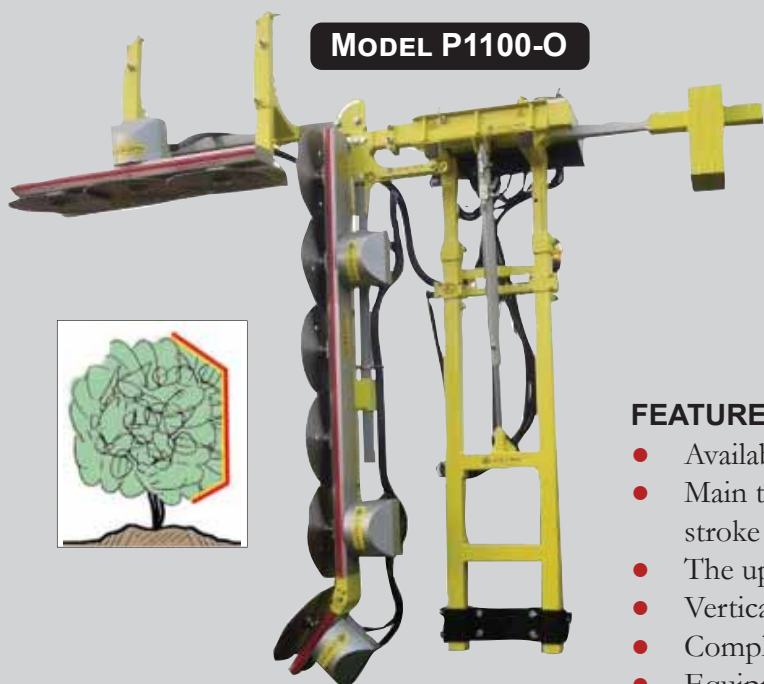
Fits Cat. 1 or 2 - The quick, safe way to attach implements



Model No:	Description	Wt.
862830	Cat. I - Complete with 7/8" shouldered bushings and swivel yoke	83#
862845	Cat. II - Complete with 1 1/8" mounting pins & adapter bushings - 100 HP Max.	135#

HEDGER, TOPPER, SKIRTER

Hedging Orchards - And other hedging requirements



MODEL P1100-O

These unique **COLLARD Hedgers** were designed for half row trimming of orchards and can be used on a number of different crops. The heart of this hedger is the unique lightweight aluminum alloy element that provides a rugged rust-proof framework for the cutting blades.

The units feature two different cutting systems - saw blades or dual swinging knives.

FEATURES:

- Available with 18" diameter S.S. saw blades or swinging knives
- Main trimmer beam has hydraulic up and down with 32" stroke cylinder
- The upper element manually adjusts 12" vertically
- Vertical breakaway system to protect equipment
- Complete hydraulic distributor, hoses, and "JIC" couplers
- Equipped with electro-hydraulic joystick controls for precise trimmer adjustments

SPECIFICATIONS:

Order Code	Model No.	Vertical Cut	Horizontal Cut	No. of Blades	Hydraulic Requirements	Wt.
0134 1350	P1100-O	90"	48"	9	12 GPM@2600 PSI	1200#

NOTE: The maximum cutting height is approximately 10 foot.

HEDGER, TOPPER

Designed to hedge & top trees and bush crops



The **COLLARD Hedger/Topper** was designed to hedge, top trees and bush crops. Easy to operate with electric controls. The cutting bar length is 6 feet and additional blades can be added for longer cuts. This unit is great for orchard hedging, topping and fence line maintenance.

FEATURES:

- Dual hydraulic motors for added power
- Standard cutter bar length 6.8 feet
- Vertical reach of 20 feet
- Flat topping height of 13 feet
- Tractor requirement of only 11 G.P.M. at 2140 PSI
- Electro hydraulic controls
- Hedger comes with all hoses, fittings and JIC couplers
- Flail knives are optional

SPECIFICATIONS:

Model No.	Description	Reach	Topping	Wt.
TA400	Hedger/Topper 5 Blade	20 Ft.	13 Ft.	860#

Marketed by Gearmore, Inc.



COLLARD®

HEDGER, TOPPER, SKIRTER

Total Pruning System - Allows total control of orchard profile



The **COLLARD Hedger** is a total pruning system for orchards. Features an adjustable pruning system to hedge, top and skirt orchards. Allows growers to maximize production and reduce pruning costs. By reducing heavy crop set limb damage, opens middles for better sunlight, cleans out lower branches to reduce herbicide damage and allows passage of tractors without limb breakage.

- Maximize production and reduce pruning cost with better management of your tree canopy
- Reduce heavy crop set limb breakage
- Clean your lower hangers to reduce herbicide damage
- Open middles for better sunlight - improve harvest conditions
- Hedge when you want
- Allow passage of tractors without limb damage or operator risk

FEATURES:

- 7 cylinder hydraulic system which allows for many different applications
- Electro hydraulic controls
- 18" Diameter S.S. saw blades are standard with optional flail knives for green material
- Requires minimum of 12 GPM @ 3000 PSI
- Designed so that blades throw much of the brush into the rows, instead of dropping into the tree canopy
- Effective trimming for both nut and fruit orchards
- Cut lengths per side of 8, 9.4, 10.7 or 12 feet
- 6 Blades shown - optional 4, 5, 6, 7, 8 & 9 blades per side

This special 3-pt. hitch P.T.O. driven HYDRAULIC POWER PACK was developed as a self-contained power system which eliminates using the tractor hydraulics. The hydraulic oil will stay cooler with no loss of power to the hedger. The Power Pack features 3 hydraulic pumps, one for the hydraulic cylinders and one for each blade transmission housing. The 30 gallon oil reservoir includes return filter with cartridge and oil level gauge. Also included is oil cooler, driveline and hoses. This Power Pack is strongly recommended.



SPECIFICATIONS:

Order No.	Model No.	Description	Approx. Wt.
01370800 - 2448	P2000AH*	Hedger with Power Pack	2330#
01370400	P2000A	Hedger using tractor hydraulics	1600#

* Recommended for operating long hours in high temperatures.

NOTE: The models above are for hedgers only, advise the number of blades required.

Marketed by Gearmore, Inc.



COLLARD®

SKIRTERS

For Skirting Orchards Manual Adjustment

This COLLARD Skirter trims half rows with 2 high speed stainless steel blades. The heart of this Skirter is the unique lightweight aluminum alloy element that provides a rugged rust proof frame work for the cutting knives. The COLLARD Tree Skirter is a fast, effective way to keep lower branches off the ground. The main reason to skirt trees is to prevent easy access of all types of pests. Another important reason to skirt is to provide clearance for other operations, such as spraying and mowing.



Model P1000SK

- Skirter is strong but lightweight and easy to operate
- Double tubing socket bracket to mount on tractor frame
- High speed stainless steel blades - 18 7/8" long
- Sliding horizontal tubing extends 20" to right side, manual
- High capacity 10cc hydraulic motor
- Sliding vertical tubing 20" up/down, manual
- Cutting housing is 35" long and angles down manual 0° to 45°
- Blade housing has safety break away system

Order No.	Model No.	Cut. Length	No. of Blades	Hyd. Requirements	Ship Wt.
013700950	P1000SK	35"	2	8 G.P.M.	410 lbs.

SKIRTERS

For skirting orchards hydraulic adjustment



Model P2000SK



This COLLARD Skirter trims two half rows with 6 high speed swinging stainless steel knives. The heart of this Skirter is the unique lightweight aluminum alloy element that provides a rugged rust proof frame work for the cutting knives. The COLLARD Tree Skirter is a fast, effective way to keep lower branches off the ground. The main reason to skirt trees is to prevent easy access of insects and pests of all types. Another important reason to skirt is to provide clearance for other operations, such as spraying and mowing.

- Skirter is strong but lightweight and easy to operate
- Double tubing socket bracket to mount on tractor frame
- High speed S.S. double cutting edge flail knives
- High capacity 15cc hydr. motors with ribbed belts
- Equipped with electro hydraulic joystick controls
- Wide range of adjustments for positioning skirts to each grower requirements
- Up/down 2 hydr. cylinders with 20" stroke, ea. side
- In/out hydr. cylinders with 20" stroke, ea. side
- Three swinging knives per housing with cut of 50"

Order No.	Model No.	Max. Cut. Length	No. of Blades	Hyd. Requirements	Ship Wt.
01370900	P2000SK	* 14'-6" @ 45°	3 per side	10 G.P.M.	680 lbs.

* Advise your row spacing

Marketed by Gearmore, Inc.



COLLARD®

IMPLEMENTS

For Compact Tractors - With skid steer mounting

HIGH PRODUCTION ATTACHMENTS for compact wheel tractors

SIFTING BUCKET



- Width - 55" - 3/4" rods

4 IN 1 BUCKET



- Widths of 60" and 72"

ROOT RAKES



- Widths of 60", 66" and 72"

BRUSH GRAPPLES



- Widths of 48", 54" and 72"

HYDRAULIC DIGGER



- D450 With Q.A. Bracket
(see page 10 for digger specs)

PALLET FORKS



- Tines - 42" and 48"
(see page 21 for pallet fork specs)

Manufactured by:

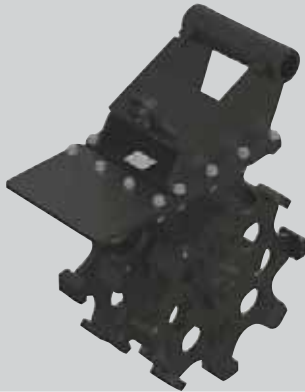


PALADIN
POWERFUL ATTACHMENT TOOLS

IMPLEMENTS

Construction - Attachments manufactured by Bradco

COMPACTION WHEELS



- Designed for small excavators & backhoes
- Compactor widths of 12", 18", and 24"
- Rims available in 2, 3, and 4 wheels
- Compaction pads abrasion resistant
- Wheel diameters of 22" and 28"
- Compactor weights of 320 to 980 lbs.
- For machine weights of 2700 to 38,000 lbs.

4-IN-1 BUCKETS



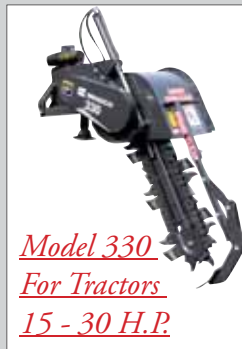
Construction Series shown with optional side cutter & spill guard

- 3 Series in widths of 60", 66", 72", 78", & 84"
- For machine weights - 4,000, 8,000 & 12,000#
- Long floor design improves cutting edge visibility
- "Hose Saver" spring kit standard, except on compact units
- Unique side cutters on construction series only
- Effective loader bucket for clam, dozer, scraper and bottom dump operations

TRENCHERS



Model 612 For Tractors 20 - 45 H.P.



Model 330 For Tractors 15 - 30 H.P.

- 3 Pt. hitch, PTO driven for 15 to 45 HP hydrostatic transmission tractors
- Digging depths from 30" to 60" deep
- Digging widths from 3" to 12" wide
- Large discharge auger places soil away from trench
- Built with the best of heavy duty components

SIFTING/ROCK BUCKETS

66" With Loader Arms



Optional Grapple

- Widths of 66", 75" and 84"
- Brackets to fit loader arms, Skid Steer and quick attach
- Unique tine design is contoured to cradle the debris and rocks
- Rods are 1 1/4" diameter high alloy steel
- Standard buckets come with 3 1/8" spacing between tines, with the option of 2" spacing

Manufactured By:



IMPLEMENTS

Miscellaneous - Time and labor saving implements

GST CULTIVATORS



Our **"S" Tine Cultivators** are available in widths of 4 to 10 feet. The tine springs vibrate to aid in breaking up the soil.

- Heavy duty "S" tines penetrate and till up to 7" deep
- "S" tines are heavy duty $\frac{3}{8}$ " x $1\frac{1}{4}$ " x 22" spring steel
- Available w/1 $\frac{3}{8}$ " reversible points or 7" sweeps

80-320 ALL-PURPOSE MIXERS



Our economy **Mixer** effectively blends materials including concrete, feed, and fertilizers.

- Cat. I, 540 RPM P.T.O.
- Capacity - 11 cu. ft.
- Mixes 1 $\frac{1}{2}$ sacks of cement
- Double acting cylinder with hose

TB TOOTH BARS



Our bolt-on **Tooth Bars** are designed to make your loader bucket more aggressive

- Requires no drilling of bucket
- Special set screws to hold tooth bar in place
- Available for inside bucket widths of 40", 46", 52", 58", 64", & 70"

PA RIPPER BARS



These **Ripper Bars** are excellent for aerating pastures and other ripping applications.

- Cat. I, 3-point hitch
- 5, 6 and 7 Shank sizes
- Rips up to 8" deep
- Shear bolt protection

IMPLEMENTS

Miscellaneous - Time and labor saving products

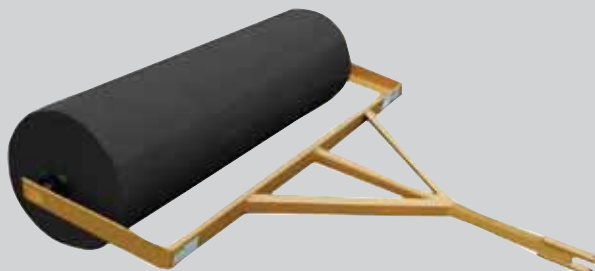
SC 3-POINT ROLLERS



These **3-Point Hitch Rollers** have excellent maneuverability to smooth and increase the firmness of turn surfaces.

- Available in 60" width with 16" dia. drum
- Or 72" wide unit is available with 20" drum
- When water is added the 60" weighs 860 pounds, the 72" weighs 1,340 pounds

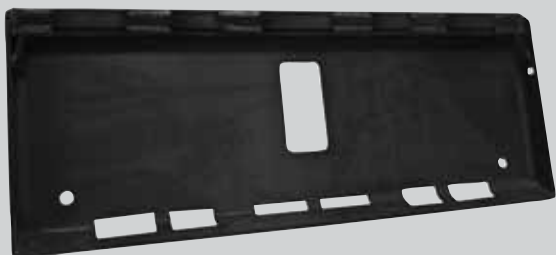
SC PULL TYPE ROLLERS



These **Pull Type Rollers** are available with 20" diameter rollers in widths of 60", 72", and 96". When filled with water, the rollers are great for packing down loose dirt, newly sown seed and turf.

- Available in roller widths of 60", 72", & 96"
- Heavy duty 1/4" thick roller tubing
- 1 7/16" Full length axle with bearings

WELD ON SSL PLATES



These universal skid steer **Quick Attach Plates** are available in standard and heavy duty. Great for converting new and used buckets to the standard of the industry SSL quick attach.

- Available in standard and heavy duty
- Heavy built locking positions
- Shipped unpainted
- 2 Models available - 86914 & 88987

WHEEL DISC



The **Wheel Disc** design is engineered for smooth transition from off-road transport to cutting position with just the turn of a crank. The turnbuckle mounted tongue to frame gives down pressure to increase cutting action.

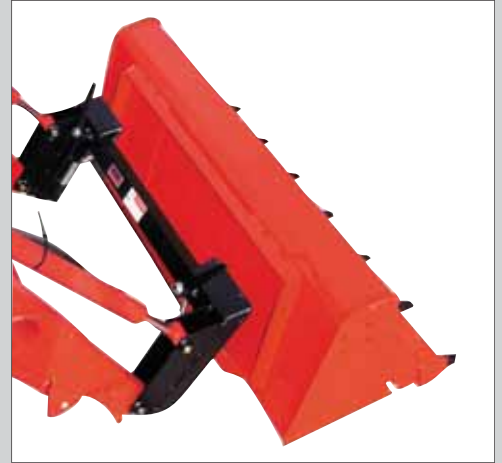
- 33" Cutting width
- 10 - 14" Diameter notched blades
- Dual flotation tires
- Model # 14-10-CD

IMPLEMENTS

Loader & Electro Hydraulic Kits - For quick attach or loader pin-ons

The **Quick Attach Bracket** for compact tractors allows you to change loader attachments in minutes. Just unlatch the quick attach, back out of one implement and drive into another, flip the locking handles and you are ready to go back to work.

- The Quick Attach mounts directly to your loader arm and cylinders in minutes
- No special pins or modification to the loader are necessary
- Available for most popular compact tractor loaders
- Weld-on plates are available to convert standard brackets to Quick Attach



Root rakes available in widths of 60", 66" & 72"
Available in quick attach only



Standard, light material and heavy duty buckets in widths of 60", 66" and 72"



Multi-purpose 4-in-1 buckets in widths of 60" & 66" - Also HD buckets in 66", 72" & 78"

Gearmore **Electro Hydraulic Components** were developed to obtain a simple, compact way to operate loader mounted hydraulic implements. The mounted electro hydraulic valve is easily operated by a push button switch knob mounted on the tractor loader valve lever. This allows operation of the loader functions and hydraulic implements without moving your hand.



Turns your standard bucket into a versatile grapple bucket

Bolt-on bucket grapples are available in single 48" to 72" and double 60" to 84" buckets



Model # EH-100 Electro Hydraulic Valve components for installation on tractor loaders

- Electro hydraulic valve, operates hydraulic functions up to 13.2 G.P.M.
- Easily installed replacement loader knob with pushbutton electric switch
- Valve mounting bracket and hardware

NOTE: Not compatible with regenerative valve circuits

FLAIL MOWERS

"SLE" & "GML" Series - No tools blade changing system on SLE Series

"SLE" SERIES



Cat. I
A.S.A.E.
Quick Hitch
Compatible

- Cat. I, ASAE quick hitch compatible for easy attaching to tractor
- Low profile design for clearing obstructions
- Available with side slicing Y blades for light brush or grass finishing ducksfoot blades
- Center mount or offset 9 inches to right
- 45 Horsepower, 540 RPM gearbox
- Internal "saw tooth" cutter bar to reduce size of shredded material
- 5" Diameter rear roller
- Safety chain shield in front and rubber rear deflector



**Quick Change
Y Blade**

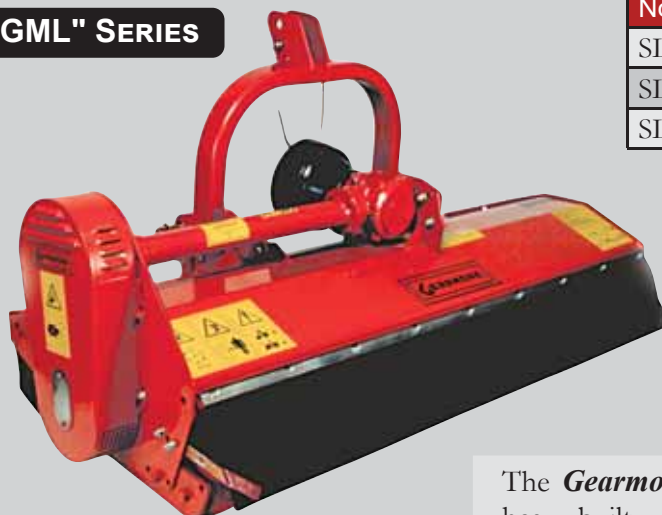


**Quick Change
Ducksfoot Blade**

This Gearmore **SLE Series** mower was developed for mowing grass and light weeds with side slicing Y blades. All models are also available with finish mowing cupped "ducksfoot" blades for mowing grass. Standard features include ASAE quick attach 3-point hitch, low profile design, center mount or offset, adjustable rear roller and many more. These flail mowers were designed to achieve fine shredding on cover crops, parks, golf courses, pastures, and light weed abatement.

Model No:	Mow Width	Overall Width	No. of Knives	Min. H.P. Req'd	Wt.
SLE-120	48"	54"	22	20 H.P.	415#
SLE-160	63"	69"	30	28 H.P.	525#
SLE-190	75"	81"	36	35 H.P.	620#

"GML" SERIES



- Fits Cat. I, 3-pt. hitches, 540 R.P.M. tractors
- Mows grass and weeds up to 1/2" with Y blades
- Shreds brush up to 1 1/2" dia. w/swinging hammer blades
- Computer balanced vibration free rotor turns @ 2300 RPM
- 3 Belt drive protects gearbox, driveshaft and rotorshaft
- Front metal flaps provide safety from flying material
- Rear rubber safety flaps

The **Gearmore Flails** are the ultimate in flail mowers. The mowers are heavy built with 40 H.P. gearbox, to give years of trouble free service. Two types of blades are available - hammer and Y blades, both do clean cutting on light brush and grass. High speed 2300 R.P.M. rotor makes for smooth finished cut. The adjustable rear roller ensures even mowing. These flail mowers are just right for use in mowing cover crops, parks, schools, golf courses, pastures, roadsides, etc.



**Hammer Knife
Up to 1 1/2" Brush**



**Y Blade
Up to 1/2" Brush**

Model No:	Mow Width	Overall Width	No. of Hangers	Min. H.P. Req'd	Wt.
GML-41	41"	48"	18	16 H.P.	580#
GML-49	49"	59"	24	20 H.P.	640#
GML-61	61"	68"	27	24 H.P.	720#
GML-69	69"	78"	33	28 H.P.	770#
GML-79	79"	88"	39	35 H.P.	840#

FLAIL SHREDDERS

"SFG" Series - Center mount, offset mechanical or hydraulic

Our **SFG Series** of flail mower/shredders feature fixed center mount, manual or hydraulic side shift. The narrow shredders are fixed center mount. The two largest shredders are manual offset, return to center with optional hydraulic offset. Two style of blades can be purchased, hammer knives or double Y blades. These blades are also interchangeable on the same shredders. The low profile design of the machine aids when working in tight areas. These are popular mowers in vineyards, berries, roadsides, weed abatement, rental yards, etc.

- Cat. I, ASAE quick hitch, 540 RPM tractors
- Fixed center mount hitch, except SFG 185/200
- 70 HP gearbox with built-in overrunning clutch
- Low profile belt housing, 23" high for clearance
- Hammer knives shred brush and prunings up to 2" diameter
- Double Y blades mow weeds and light brush up to 1" diameter
- Cutting height adjusts from 1" to 4" above ground
- Rotor speed - 2200 RPM
- Two rows of heat treated re-cutter blades
- Rear hatch adjusts for various types of mowing
- Rear hatch slotted for rake teeth
- Balanced 5 1/2" rotor tubing
- 5 1/2" Diameter rear roller adjusts vertically and horizontally
- 4 Belt final drive to provide maximum power to the rotor
- Series 6 PTO driveshaft
- Front mounted safety chains

Cat. I
ASAE
Quick Hitch
Compatible

SFG155 SHOWN



Double Y Blade



Hammer Knife

OPTIONS:

- ~ Rake Teeth
- ~ Hydraulic offset SFG185 & 200

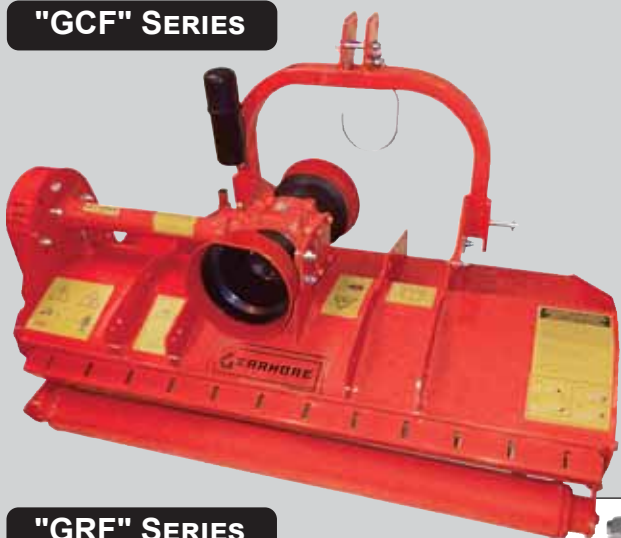
Model No:	Working Width	Overall Width	Max. Offset*	No. of Hammers	No. of Y Blades	H.P. Req'd	Rake Slots	Wt.
SFG95	38"	43"	-	8	32	20 H.P.	6	640#
SFG125	49"	55"	-	8	32	25 H.P.	8	730#
SFG140	55"	61"	-	10	40	30 H.P.	9	770#
SFG155	61"	66"	-	10	40	35 H.P.	10	840#
SFG185*	73"	78"	51"	12	48	40 H.P.	12	1005#
SFG200*	79"	84"	54"	14	56	45 H.P.	13	1100#

*These shredders come with manual offset, hydraulic offset is optional. Offset shown is the maximum offset from centerline of tractor to the right.

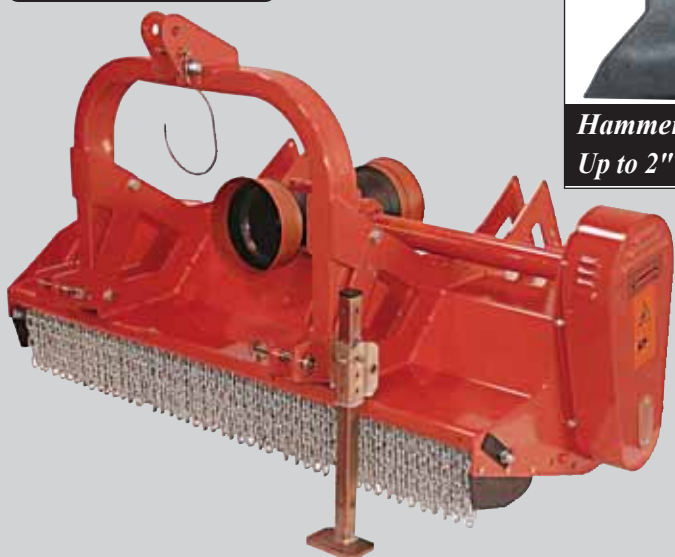
FLAIL SHREDDERS

"GCF" & "GRF" Series - Front or rear mount

"GCF" SERIES



"GRF" SERIES



**Hammer Knife
Up to 2" Brush**

Our **GCF Series Mower/Shredders** are now designed for front or rear tractor mount. To front mount, just re-bolt the A-frame to the back of the shredder. Equipped with a rear deflector which in open position discharges grass and allows tractor speeds up to 6 MPH, and in closed position contains and further shreds brush to a finer mulch. Just right for use in vineyards, berries, and other narrow row crops. Also used by roadsides, parks, rental yards, and general weed abatement.

- Fits Cat. I & II, 3-point, 540 R.P.M. tractors
- HD 72 H.P. gearbox with built-in overrunning clutch
- Hammer knives shred brush & prunings up to 2", and will also mow grass
- Computer balanced vibration free rotor turns at 2000 RPM
- Adjustable A-frame allows offsetting mower 6" to the right
- Front safety chains provide safety from flying material

Model No:	Mow. Width	Overall Width	No. of Knives	Min. H.P. Req'd	Wt.
GCF41	41"	46"	9	20 H.P.	680#
GCF45	45"	50"	12	25 H.P.	700#
GCF53	53"	58"	12	30 H.P.	790#
GCF61	61"	66"	15	35 H.P.	920#
GCF69	69"	74"	18	40 H.P.	970#
GCF79	79"	84"	21	45 H.P.	1030#

The **Gearmore Mower/Shredders** are the ultimate in flail mowing. The 3 lb. drop forged hammer knives will shred up to 3" diameter branches and yet will mow grass. Just right for use in vineyards, orchards, roadsides, parks, pastures and weed abatement. You will find that these heavy duty machines will give many years of low maintenance usage.

- Available in Cat. I or II, 540 R.P.M.
- Reversible front or rear center mount
- Shreds brush or prunings up to 3", constant use 2 1/2"
- Cutting height adjusts from 1" to 4"
- Equipped with an adjustable rear deflector
- Double row drop forged cutter bars increase shredding of material
- Computer balanced vibration free rotor turns at 2000 RPM
- Heavy duty 85 H.P. gearbox with built-in overrunning clutch

Model No:	Mow Width	Overall Width	No. of Knives	Min. H.P. Req'd	Wt.
GRF69	69"	78"	18	36 HP	1190#
GRF79	79"	88"	21	45 HP	1280#
GRF89	89"	98"	24	50 HP	1380#
GRF98	98"	108"	24	58 HP	1520#

FLAIL SHREDDERS

"GOF" & "TR" Series - For heavy duty grass and brush shredding

The **Gearmore Mower/Shredders** are the ultimate in flail mowing. The 3 lb. drop forged hammer knives will shred up to 3" diameter branches and yet will mow grass. Equipped with a patented rear deflector which in open position discharges grass and allows tractor speeds up to 6 MPH, and in closed position contains and further shreds brush to a finer mulch. In offset position, the units are ideal for mulching prunings and heavy grass in orchards. Municipalities find these shredders excellent for roadside maintenance.

"GOF" SERIES



Hammer Knife



- Fits Cat. I or II, 3-pt. hitch, 540 R.P.M. tractors
- Adjustable swing hitch allows quick setting for an additional 28" of offset
- Double row of drop forged cutter bars to increase the shredding of material
- Shreds brush/prunings up to 3", constant use 2 1/2"
- Computer balanced vibration free rotor turns at 2000 RPM
- HD 85 H.P. gearbox w/built-in overrunning clutch
- 5 Belt drive protects gearbox, driveshaft & rotorshaft, 4 belt on model GOF69-79
- Front mounted safety chains provide protection from flying material
- All models have slotted rear hatches for brush teeth

Model No:	Mow Width	Overall Width	Max. Offset f/Tractor Center Line	No. of Knives	Min. H.P. Req'd	Wt.
GOF69	69"	78"	64"	18	40 H.P.	1190#
GOF79	79"	88"	74"	21	45 H.P.	1300#
GOF89	89"	98"	84"	24	50 H.P.	1430#
GOF98	98"	108"	93"	24	65 H.P.	1560#

- Cat. II, 3-point ASAE quick hitch
- Heavy duty 90 HP, 540 RPM gearbox with overrunning clutch
- Center mount and offsetable 13 inches to the right
- Shreds material up to 2 inches
- Heavy duty Y blades
- Internal re-cutter bar to increase the shredding of material
- 4 - V-belts final drive, 5 belts on 255 and 280
- Closed or lockable open tailboard
- Adjustable foldaway gauge wheels
- Tires are 7:00 x 12 6-ply, tubeless
- Adjustable side skids

OPTIONS:

- ~ Deflector brackets mounted on the underside of the tailboard
- ~ Rear roller in lieu of gauge wheels

CAUTION: When operating the shredder with tailboard open, people should not be within 300 feet of the machine.

Model No.	Mowing Width	Overall Width	No. of Y Blades	Approx. HP Req'd	Wt.
TR200	79"	85"	44	65 HP	1515#
TR225	88"	94"	48	70 HP	1675#
TR255	100"	106"	56	75 HP	1830#
TR280	110"	117"	60	80 HP	1990#

"TR" SERIES



Cat. II
A.S.A.E.
Quick Hitch
Compatible

Our **TR Series Shredders** feature a 90 horsepower gearbox, center mount with offsetable position, special lockable open tailboard with optional deflector brackets for spreading out shredded material, and adjustable foldaway gauge wheels. The shredders have heavy duty swing Y type blades for heavy grasses and light weeds. These units are excellent to achieve fine shredding of row crop residue, pastures and other types of farm usage.

FLAIL SHREDDERS

"GHF-FS" Series - For fine shredding of orchard brush

NEW



Hammer Knife

FEATURES:

- Fits Cat. II 3-point, center mount
- Available for tractors with 540 or 1,000 R.P.M., PTO
- Front or rear tractor mount
- Shreds brush or prunings up to 3", intermittent 4"
- Gearbox maximum horsepower of 200, with built-in overrunning clutch
- Specially designed drop forged hammer knives give optimum performance in brush shredding, mulching prunings, grass cutting and maintenance of cover crops
- Four rows of drop forged cutter bars to increase the shredding of material
- Equipped with large number of rear mounted rake teeth (see below)
- 10" diameter, computer balanced, vibration free rotor turns at 2000 RPM
- 8" diameter, full width gauge roller with bearings
- Hood plate ¼" thick, double plated front and back side plates ½" thick
- Double row of front safety chains



The new GHF-FS Series was developed for fine shredding of orchard brush. These shredders feature 4 internal re-cutter bars to reduce the brush until it is finely shredded. The rake teeth keep the material inside mower hood to reach a consistency of decomposable mulch. The large 10 inch diameter rotor is mounted with drop forged hammer knives giving optimum shredding performance. These shredders are specially designed for severe conditions of orchard brush, but can also be used in weed abatements, tall grasses, heavy weeds, and cover crops.

SPECIFICATIONS:

MODEL #	MOWING WIDTH	OVERALL WIDTH	NO. OF KNIVES	NO. OF RAKES	MIN. HP REQUIRED	WEIGHT
GHF90-FS	7' - 6"	8'	24	18	80 HP	2,670#
GHF100-FS	8' - 4"	8' - 10"	26	20	90 HP	2,800#
GHF120-FS	10'	10' - 6"	30	24	100 HP	3,130#
GHF140-FS	12'	12' - 6"	36	28	110 HP	3,310#

FLAIL SHREDDERS

"S9C" & "S9B" Series - Low profile S9C & fixed center mount S9B

This **Flail Mulcher** has a unique hydraulic side shift system that moves horizontally on front and rear mounted heavy steel tubes. These units were designed for high usage with limited maintenance. This is achieved by a number of special features such as - high tensile steel hood, internal hood replaceable "Hardox" wear plates, replaceable drop forged re-cutter bars and large 150 horsepower gearbox. The adjustable rear hatch can be closed for maximum shredding or open for maximum speed up to 6 MPH.

S9C FEATURES:

- Cat. 2, 540 R.P.M. hydraulic offset
- 150 HP gearbox with overrunning clutch
- Hydraulic offset - 28 inches
- Mulches grass and prunings up to 3 ½"
- Working speeds up to 6 miles per hour
- Drop forged hammer knives
- Hood assembly made of high tensile steel
- Replaceable drop forged re-cutter bars to increase material shredding
- Adjustable rear hatch - closed for maximum shredding, open for maximum speed
- Rotor bearings are double self-aligning
- Large 7.6" diameter adjustable rear roller
- Front mounted double row of safety chains and rear mounted rubber guards

OPTION:

- ~ 1000 R.P.M. gearbox

S9B FEATURES:

- Cat. 2, 540 R.P.M. fixed center mount
- Front or rear tractor mount
- 180 HP gearbox with overrunning clutch
- Mulches grass and prunings up to 3 ½"
- Working speeds up to 6 miles per hour
- Drop forged hammer knives
- Hood assembly made of high tensile steel
- Replaceable drop forged re-cutter bars to increase material shredding
- Adjustable rear hatch - closed for max. shredding, open for maximum speed
- Rotor bearings are double self-aligning
- Large 7.6" diameter adjustable rear roller
- Front mounted double row safety chains and rear mounted rubber guards

OPTION:

- ~ 1000 R.P.M. gearbox

"S9C" SERIES



Model No:	S9C-200	S9C-225	S9C-250
Shredding Width:	79" (6'-7")	89" (7'-5")	98" (8'-2")
Overall Width:	85" (7'-1")	95" (7'-11")	104" (8'-8")
Max. Offset F/C:	67.5"	72.5"	77.5"
No. of Knives:	21	24	27
Min. H.P. Req'd:	75 HP	80 HP	85 HP
Weight:	1940#	2120#	2260#

"S9B" SERIES



These large **S9B Flail Mulchers** were designed for high usage with limited maintenance. This is achieved by a number of special features such as - high tensile steel hood, internal hood replaceable "Hardox" wear plates, replaceable drop forged re-cutter bars, and oversized 180 horsepower gearbox. The adjustable rear hatch can be closed for maximum shredding or opened for maximum speed up to 6 miles per hour.

Model No.	S9B-250	S9B-275	S9B-300
Shredding Width:	98" (8'-2")	108" (9')	118" (9'-10")
Overall Width:	104" (8'-8")	114" (9'-6")	124" (10'-4")
No. of Knives:	27	27	30
Min. H.P. Req'd:	85 HP	90 HP	95 HP
Weight:	2230#	2400#	2580#

FLAIL MOWER/SHREDDERS

Hydraulic Driven, Skid Steer Mount



This Mower/Shredder Series delivers excellent cutting, mulching and mowing action for material up to 1" in diameter. The mower features an automatic "STOP SAFE" system. If the mower is raised from operating position, the rotor blades "STOP" preventing objects being thrown at operator. The special floating linkage allows the mower/shredder to follow the terrain for even cut. The adjustable hydraulic motor can be set to the maximum power for skid steer's and track loaders hydraulic system. Also, the shredders can be operated while traveling in either forward or reverse. For use in vineyards, berries and other narrow applications. Also, used for roadsides, parks, rental yards, and weed abatement.

FEATURES:

- Unique "STOP SAFE" safety valve stops the rotor when lifted from operating position
- Shreds brush or prunings up to 1"
- Cutting height adjusts from 1" to 4"
- Unique floating hitch allows shredders to follow the contour of the ground
- Variable displacement piston motor
- Equipped with rear deflector which in open position discharges grass and allows speeds up to 6 M.P.H., and in closed position contains and further shreds brush to a finer mulch, but at a lower speed
- Heavy Y blades
- Both a relief valve and uni-directional valve are standard equipment
- Computer balanced vibration free rotor turn at approximately 2100 R.P.M.
- Deck made of high tensile steel S420
- Rotor bearings are double self-aligning to insure long life
- 4 Belt drive protects gearbox, driveshaft and rotor shaft, 3 belt on 61" model
- Front guards provide safety from flying material
- Comes complete with hydraulic hoses and quick couplers

SPECIFICATIONS:

MODEL #	MOWING WIDTH	OVERALL WIDTH	NO. OF BLADES	G.P.M. REQUIRED	WT.
SMWA155-HS	5'-1" (61")	5'-6" (66")	54	16 to 39	980#
SMWA175-HS	5'-9" (69")	6'-2" (74")	66	16 to 39	1095#
SMWA200-HS	6'-7" (79")	7'-1" (85")	78	16 to 39	1160#

Manufactured by:

seppi m.

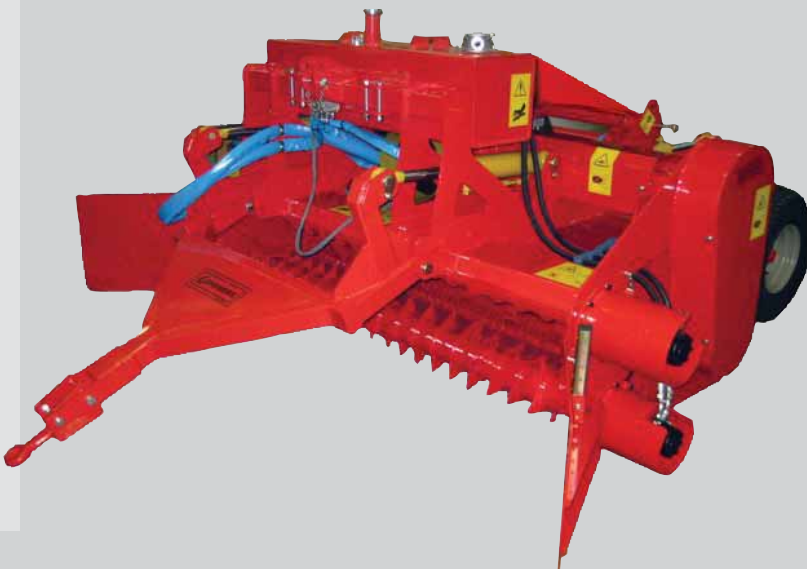
Marketed by:

GEARMORE INC.

ORCHARD BRUSH PROCESSOR

"WBS225-G2" - One pass processing into a fine mulch

The Gearmore pull type, PTO driven, self-feeding Brush Processor was designed to shred material up to 3" in diameter into a very fine mulch that will decompose in the rows without affecting your harvesting operations. The brush is fed through two hydraulic driven pick-up feed rotors into the processing chamber. The large 20" diameter rotor with fixed triple tipped tungsten carbide knives shreds the brush against six rows of drop forged re-cutter bars into finer material. This mulch is then forced through a fine mesh heavy steel screen to achieve the desired size. To complete the finishing operation, we recommend the Gearmore Orchard Tiller with rear roller to bury the fine mulch 2 to 3 inches deep.



SPECIFICATIONS:

Model No:	Working Width	Overall Width	Overall Depth	Overall Height	No. of Knives	Wt.
WBS225-G2	89"	106"	146"	71"	36	6400#



Before



After



FEATURES:

- For tractors 95 to 140 H.P.
- Pull type brush processor, 1000 RPM P.T.O driven
- Processes brush up to 3" in diameter into a fine decomposable mulch
- Rotor speed 1900 RPM
- 3-Tipped tungsten carbide fixed knives
- Two pick-up feed rotors that can be adjusted independently from 50 to 200 RPM
- Recommended tractor speed from 1 to 2 MPH
- 6 Rows of drop forged fixed, carbide tipped re-cutter bars
- Spiral knife pattern to reduce power usage
- Heavy ½" (12 mm) thick plate screen with 1" diamond shaped holes for final processing
- 29 Gallon hydraulic oil reservoir with filter
- Oil cooler with fan
- Heavy pull hitch adjustable with dual hydraulic cylinders
- Pair of dual rear wheels with dual hydraulic cylinders height adjustment
- 4 Wide flotation tires - 26 x 12 - 8 ply
- Heavy steel tire fenders
- Removable fines screen for oil cooler clean out
- 5 Belt rotor drive
- Class 8 double CV driveshaft with 150 HP rated slip clutch
- Hardox lined ¼" (6 mm) inner hull lining for long life and superior durability
- Other widths available

Manufactured by:

seppi m.

ROTARY MOWERS

Finishing Mowers - Rear discharge, dual gauge wheels



We now have available rear discharge mowers featuring totally open rear deck with belt guards that allow the grass to be safely and smoothly discharged giving your turf that rich, manicured look. Some of the other outstanding features are: Free floating flex hitch, dual tires front and rear, self-tightening belt, and 40 H.P. gearbox.

FEATURES:

- Free floating, flex hitch system
- Heavy duty steel deck, with rear discharge
- Heavy duty cast iron gearbox
- Easy height adjustment
- Turf friendly, 9 x 3.50 - 4 ply solid rubber tires
- Anti-scalp front roller
- Fully baffled deck

Model No.	Cutting Width	Blade Size	Blade Tip Speed - FPM	Pneumatic Tires	Wt.
RFM-60	60"	1/4" x 2" x 20"	17,985 FPM	4 - 9 x 3.50	660#
RFM-72	72"	1/4" x 2" x 24"	18,463 FPM	4 - 9 x 3.50	710#
RSFM-72*	72"	1/4" x 2" x 24"	18,463 FPM	4 - 9 x 3.50	720#
<i>*Special belt with double V design helps to prevent slippage in rough mowing conditions</i>					

ROTARY MOWER

Compact - With dual gauge wheels



MDL. L-48-40-XB

Our **Rotary Mower** was developed to obtain maximum strength and stability. The strength was obtained by using the same gearbox, spindle assembly, blades and driveshaft that are used on our larger mowers. The stability was obtained by mounting the mower closer to the tractor with the addition of twin rubber tailwheels.

This combination of strength and stability allows the operator to mow in rough terrain with maximum control of the tractor and mower.

- Cat. I, 3-point hitch
- Adj. cutting heights 1" - 6"
- Bolt-on replaceable side plates
- Round dished spindle pan
- Heat treated 1/2"x3" blades
- Adj. dual rubber tailwheels
- Std. front rubber shielding

Model No.	Cutting Width	Overall Width	Overall Depth	Wt.
L-48-40-XB	48"	51"	62"	400#

ROTARY MOWERS

Standard Duty - Shear pin or slip clutch

Our **200 Series Mowers** feature round back design for easy maneuvering in tight corners, around trees, fences, and other obstructions. The flexible floating hitch follows the contour of the terrain without putting stress on the mower and tractor.

FEATURES: Fully Welded Deck

- Cuts up to 1" diameter material
- Shielded series 4 PTO shaft
- Optional - chain safety shielding

FEATURES:

Hitch: Cat. I, ASAE Q.H.
 Gearbox: 540 RPM
 Deck Thickness: 11 Gauge
 Deck Depth: 7 1/2"
 Tailwheel: 3 3/4"x15" Laminated
 Cut Height: 1" to 9"
 Blade Size: 1/2" x 3"
 Driveshaft: Shear Pin or Slip Clutch

60" MOWER SHOWN WITH OPT. CHAIN SHIELDING



Cat. I
ASAE
Quick Hitch
Compatible

Model No:	Cutting Width	Gearbox H.P.	Overall Width	Overall Length	Blade Tip Speed - FPM	Wt.
RC200-48	48"	40 H.P.	52"	85"	13,090 FPM	510#
RC200-60	60"	40 H.P.	63"	98"	14,335 FPM	585#
RC200-72	72"	40 H.P.	76"	110"	14,955 FPM	710#

ROTARY MOWERS

Medium Duty - Floating hitch to follow contour of terrain

These **Gearmore Rotary Mowers** are the economical answer for medium duty use in weed and brush mowing. Special built-in features include floating hitch that follows the contour of the terrain, heavy round spindle pan to protect the gearbox, strong 8" I beam side channels for added strength, laminated tailwheel, and slip clutch driveshaft; all engineered to assure years of trouble-free service.

- Floating hitch design follows contour of terrain
- Heavy 8" I beam sides w/ribbed crossmembers
- Slip clutch driveshaft to prevent damage
- Forged heat treated blades and blade pins
- Optional safety shielding, front and rear
- Dual tailwheels for increased stability

L72-60HD SHOWN WITH OPT. CHAIN SHIELDING



Model No:	Cutting Width	Overall Width	Overall Length	Tail Wheels	Gearbox H.P.	Wt.
L60-60-HD	60"	62"	86"	1	60 H.P.	800#
L72-60-HD	72"	74"	92"	2	60 H.P.	1100#
L84-80-HD	84"	86"	104"	2	80 H.P.	1480#

Side Rails: 8" I Beams
 Top Deck: 3/16" Plate
 Hitch: Cat. II
 Gearbox RPM: 540
 Tailwheels: Laminated
 Blade Holder: Spindle Pan
 Blade Size: 1/2" x 4"
 Driveshaft: Slip Clutch



WARNING: *If operating mower near roads and/or where people are present, you must equip mower with deck shielding*

SEED PLANTER

High Density Planters - For planting leafy green produce



This **High Density Salad Seed Mechanical Planter** allows for planting rows as close as 1¼" apart. The polilatex sponge horizontal feed rollers are easy to remove for unloading seeds and cleaning before changing seeds. Tandem toolbars with 32 soil openers are adjustable and removable if wider row widths are required. Four crank adjustment with planting depth gauges for precise raising and lowering of soil openers. Front and rear stainless steel rollers insure a smooth level bed top for mechanical harvesting. One of the many unique features is the positive ground drive. Thus the planter obtains equal seed distribution no matter what the speed of the tractor.

Model No:	Description	Width	Depth	Wt.
AI-620-SNT-32	Salad Seed Planter - 32 Lines, 2" Spacing	6' - 2"	6'	1200#



Seeding Distributors



Easy Distributor Disassembly



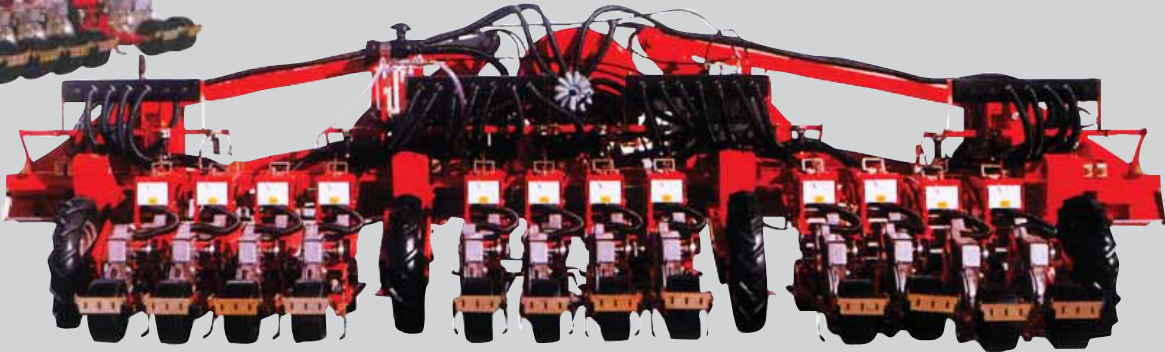
Easy Disassembly of Rollers

SEED PLANTER

Folding Planters - For 3 - 80" or 3 - 88" rows



The **Gearmore Precision Vacuum Planters** are designed for extremely accurate vegetable seed placement. The P.T.O. driven turbine fan or optional hydraulic drive creates a vacuum that draws seeds against the seed plates. Inner and outer singulators remove doubles to insure that individual seeds are secured to the vacuum hole. At the seed release point, vacuum is cut off and the seed is deposited in the furrow. The air compressor then injects a short blast of air to insure the hole is clean for the next seed. Easy to operate and maintain, this durable precision planter efficiently handles the smallest of seeds either raw or coated.



VACUUM PLANTERS

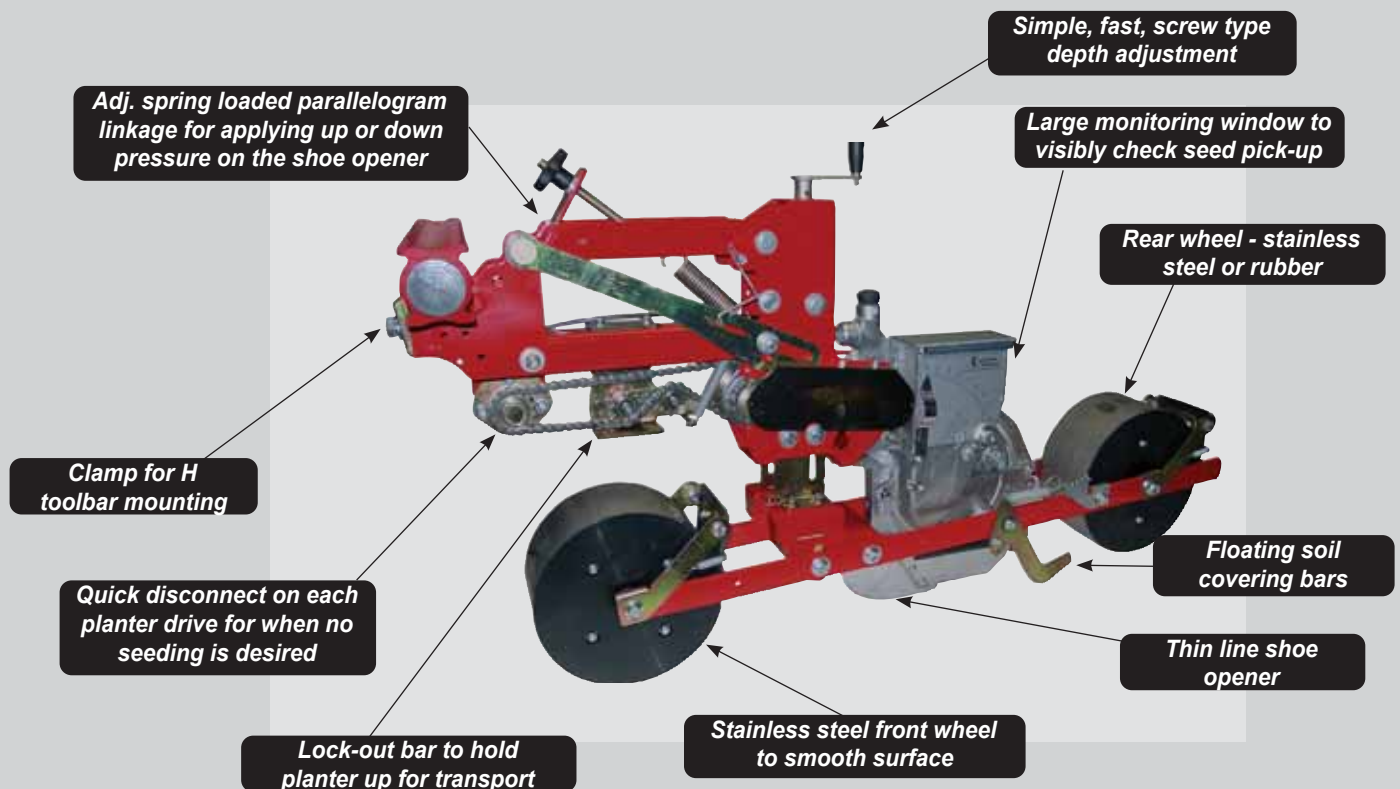
Custom Built Planting Systems - The precision vegetable seeder



**STD. 8 ROW VEGETABLE
PLANTER SHOWN**

We custom build planting systems to growers individual requirements, see our website for details.

The **Gearmore Precision Vacuum Planters** are designed for extremely accurate vegetable seed placement. The P.T.O. driven turbine fan or optional hydraulic drive creates a vacuum that draws seeds against the seed plates. Inner and outer singulators remove doubles to insure that individual seeds are secured to the vacuum hole. At the seed release point, vacuum is cut off and the seed is deposited in the furrow. The air compressor then injects a short blast of air to insure the hole is clean for the next seed. Easy to operate and maintain, this durable precision planter efficiently handles the smallest of seeds either raw or coated.



BASKET RAKES

Generation 3 Basket Rakes - Designed for heavy duty usage



**MODEL 2030G3-7 SHOWN
W/OPT. GAUGE WHEELS**



Fluffy, Uniform Windrows



Rake in Transport Position

Twinstar Generation 3 Basket Rakes have 8 new outstanding features that improves the operation over the Generation 2 rakes. Twinstar Basket Rakes produce the cleanest hay on the market. Cleaner hay brings higher returns and provides the highest quality feed to ensure animals receive proper nutrients. Research has documented that basket raked hay contains significantly less contaminants (dirt, rocks, and debris) and has less leaf loss compared to traditional finger wheel and rotary rakes. Twinstar 7-Bar Rakes are available in 27' and 30' raking widths.

VERSATILE TWINSTAR G3 FEATURES:

- Seven function electric/hydraulic valve and control box plus baskets on / off switch
- Independent raising & lowering of left / right baskets or together
- Faster raising and lowering of baskets
- Higher torque basket drive motors are standard equipment
- New time tested solid rubber gauge wheels
- Split hoses with JIC fittings at end of slide tubes for serviceability
- Improved double-shear angle cylinder mounts
- Transport light kit per ASABE / ANSIS279

Model No:	2027G3-7	2030G3-7
Maximum Raking Width:	Up to 27'	Up to 30'
Transport Width:	10' - 9"	10' - 9"
Overall Length:	19' - 5"	20' - 2"
Basket Reel Speed:	Maximum 90 RPM	Maximum 90 RPM
Rubber Mounted Tines:	Std: 154 per basket-Option: 224	Std: 175 per basket-Option: 259
Operating Speed:	Up to 10 MPH	Up to 10 MPH
Hydraulic Requirements:	12 GPM @ 2000 PSI Tractor with single hydraulic remotes	12 GPM @ 2000 PSI Tractor with single hydraulic remotes
Tire Size:	(4) LT235/75R15	(4) LT235/75R15
Approximate Weight:	5100#	5600#

Optional equipment includes: Front and rear gauge wheels (highly recommended), full tines (for heavier crop conditions), 2-5/16" ball hitch, basket angle stop kit, and walking beams.



Marketed by Gearmore, Inc.

Landscape Rakes - For 30 to 60 horsepower tractors

These **Landscape Rakes** are ideal for general grooming, soil preparation, removing rocks, roots and debris, and spreading crushed rock or top soil. Five forward and reverse angle positions for windrowing material. The reverse positions are great for pushing material into low spots. We have three widths of rakes available for tractors 30 to 60 horsepower.



Optional Dual Caster Gauge Wheels

Features for LRU Series:

- Cat. I, A.S.A.E. quick hitch compatible
- For tractors up to 60 H.P.
- 5/16" x 1" x 15" High carbon steel teeth
- 1" Spacing between teeth
- Five forward and reverse angle settings
- Frame is made of 3/16" x 4" x 4" steel tubing

MODEL LRU-7 RAKE SHOWN



Cat. I
A.S.A.E.
Quick Hitch
Compatible

Optional equipment:

- ~ Dual caster gauge wheels
- ~ Teeth stiffeners

Model No.	Width	Horsepower	No. of Teeth	Weight
LRU-6	72"	30 to 60 H.P.	36	240#
LRU-7	84"	30 to 60 H.P.	42	270#
LRU-8	96"	30 to 60 H.P.	48	300#

LRR SERIES 10' UNIT SHOWN



ROLLERS

Loose Ring Rollers - Excellent for breaking up clods

- Ductile iron roller rings - 16" diameter O.D., 12" I.D.
- Main tubing - 8" diameter schedule 40 pipe
- Roller shaft is 1 3/4" 4140 steel
- 1 3/4" Triple lip Seal Master greaseable pillow block bearings
- 4" x 4" x 1/4" Wall heavy duty main frame tubing
- Detachable tongue made of 4" x 4" x 1/4" wall tubing with swivel clevis hitch
- Tongue supports are 2" x 4" x 1/4" wall with two 2" x 4" cross braces
- Dual clevis brackets on cross braces for mounting tongue to transport (8 foot and wider units)

Our pull type **Ring Rollers** are excellent for breaking up clods and mulching the soil to a finer mix. Excellent for busting up crust caused by rain or irrigation. When attached behind discs and other implements it becomes a one pass implement, saving time and money. The narrow width ring rollers operated separately are excellent for finish mulching in vineyards, berries, etc. The larger width rollers feature mounting ears for tongue storage when transporting.

Working widths available from 3 to 10 feet in one foot increments Note: Add 8" to working widths to obtain overall widths.

RIDGERS

Adjustable Gangs - Built for heavy duty use



FEATURES:

- Cat. II, 3-point A.S.A.E. quick hitch
- 4" x 6" x 1/4" Wall x 8' long toolbar
- Gangs adjust for tilt and pitch
- Self aligning trunnion 1 1/2" bearings
- Available in 3 or 4 blade
- Blades on 9" centers with cast iron spacers
- Parking stand
- Optional mud scrapers

SPECIFICATIONS:

Model No.	Description	Required Horsepower	Weight
BE222-3	3 Blade Ridger with 22", 24", & 26" Blades	60 Minimum H.P.	1000#
BE422-4	4 Blade Ridger with 22", 24", 26", & 28" Blades	60 Minimum H.P.	1080#

NOTE: 3 and 4 gang ridgers are also available for mounting on 2 1/4" diamond toolbar

RIDGER BLOCKERS

Complete With Ridger - Built for heavy duty use

FEATURES:

- Ridger specifications same as above
- Blocker frame - 4" x 6" x 1/4" wall
- Toolbars are 8 or 9 feet long
- Blocker width 24" with 3/8" x 4" replaceable plow steel edge
- 3 1/2" x 8" Depth control hydraulic cylinder with hoses



SPECIFICATIONS:

Model No.	Description	Required Horsepower	Weight
BE222-3B	Complete 3 Blade Ridger with Blockers	60 Min. H.P.	1200#
BE422-4B	Complete 4 Blade Ridger with Blockers	60 Min. H.P.	1280#

RIPPERS

Single Shank - 3 Sizes available for 25, 50, & 75 HP Tractors

The **GR100** is for tractors up to 25 H.P. These rippers are great for cutting narrow trenches for irrigation pipe. The optional 15" furrower shovel digs a smooth trench for water flow.

The **GR200** is for tractors up to 50 H.P. This unit is recommended for breaking up compacted soil to increase root growth and yields.

The **GR300** is for tractors up to 75 H.P. and was designed for heavier duty use. Thus, the ripper can be used for high horsepower tractors. This ripper is recommended when deep ripping is required.



Model No:	H.P. Rating	Frame Tube Size	Shank Length	Shank Size	Hitch	Shear Bolt Protection	Optional 12" Furrower	Parking Stands	Weight
GR100	Up to 25	3" x 3"	19"	1" x 4"	Cat. I	Yes	Yes	No	85#
GR200 *	Up to 50	4" x 4"	22"	1" x 6"	Cat. I	Yes	No	Standard	100#
GR300 *	Up to 75	4" x 8"	27"	1" x 10"	Cat. II	Yes	No	Standard	240#

* Also available with hard faced shanks and points.

TIRE TRACK RIPPERS

Breaks up "hard pan" created by tractor tires

Tractors have to make many passes through vineyards and orchards. This creates hard pan under the tractor tires. From time to time, it is recommended to rip that area to aerate the soil for better water penetration to increase root growth. The spread width of the ripping shanks can be set to the tractor tire centers and this then shatters the soil over the compacted area up to 18" deep. These rippers have two 4" x 6" beams for added strength. Models available for all popular vineyard row spacings.

- Cat. I & II, 3-point, ASAE quick hitch
- 2 - Adj. shanks for ripping soil up to 18" deep
- Adj. bolt-on shank brackets can be set for different tractor tire tread widths
- Shear bolt design, shanks swing up if hitting obstructions
- Shanks are made of 1" x 6 1/2" x 22" steel
- Main beam 4" x 6" x 1/4" wall tubing
- Replaceable high carbon, heat treated points
- Clevis type hitch bracket
- Parking stand

Option:

~ Hard faced shanks & points



Model No.	Description	For Row Widths	Beam Width	Adj. Shank Centers	Wt.
R2-55	3-Pt. Ripper	6' (72")	55"	38" to 48"	320#
R2-67	3-Pt. Ripper	7' (84")	67"	40" to 60"	350#
R2-72	3-Pt. Ripper	8' (96")	72"	48" to 66"	360#
R2-96	3-Pt. Ripper	10' (120")	96"	60" to 90"	390#

V-RIPPERS

Cat. 1 - 30 to 50 HP - Narrow & wider widths for vineyards or farm use



These *V-Rippers* come in narrow widths for vineyards and berries and wider widths for general farm use. The "V" design main beam and curved shanks reduce horsepower requirements. The deep ripping obtains excellent soil aeration, which allows greater water penetration and absorption. Also increases root growth and penetration. All this adds up to better crops and higher profits.

SPECIFICATIONS:

Model No:	No. of Shanks	Beam Width	Weight
R3-50	3	50"	420#
R3-60	3	60"	435#
R3-70	3	70"	450#
R5-60	5	60"	550#
R5-70	5	70"	570#

FEATURES:

- For ripping up to 18" deep
- Heavy 4" x 6" beam construction to insure long life
- 1" x 6" x 22" Shanks
- Shanks adjustable with shear bolt protection
- Replaceable high carbon, heat-treated points

V-RIPPERS

Cat. 2 & 3 - 80 to 95 HP - Deep ripping aids in soil aeration



SPECIFICATIONS:

Model No:	No. of Shanks	Hitch Category	Shank Size	Maximum Horsepower	Shank Spacing	Beam Size	Weight
VR3F	3	2	1" x 27"	80 H.P.	Fixed 30"	4" x 6" x 70"	675#
VR3	3	2	1" x 27"	80 H.P.	Adjustable	4" x 6" x 84"	750#
VR5F	5	2 & 3	1 ¼" x 34"	140 H.P.	Fixed 20"	6" x 8" x 90"	1585#
VR7F	7	2 & 3	1 ¼" x 34"	195 H.P.	Fixed 20"	6" x 8" x 130"	1800#

FEATURES:

- "V" design & curved shanks reduce horsepower requirements
- Fixed and adjustable shanks available
- Shear bolt protection
- Replaceable high carbon, heat-treated points
- Parking stands that store in frame
- Optional gauge wheels for VR7F only
- Hard faced shanks and points optional

RIPPERS

"GE" Series - For extreme duty sub-soiling

- Cat. 3 & 4N 3-point A.S.A.E. quick hitch
- Frame - 6" x 8" x 3/8" structural tubing
- "L" style shanks are 1 1/2" thick by 36" long
- 1" Thick "plow steel" lower hitch brackets
- Double dual steel wheels, 8" wide x 30" dia. (Optional on 5 shank rippers)
- Chrome shin guards on shanks - replaceable
- Heavy duty chrome chisel points - replaceable
- 1 1/4" Grade 5 swing shank bolts
- 1 1/4" Grade 2 shear shank bolts

Options:

- ~ SW30 - Set of steel wheels for 5 shank ripper
- ~ WW16 - Set of dual 11L x 16 rubber tires for 5 shank ripper
- ~ WW16-7 - Set of dual 11L x 16 rubber tires in lieu of steel wheels for 7 shank ripper

MODEL GE36-24 SHOWN



Model No.	No. of Shanks	Shank Spacing	Frame Width	Weight
GE536-24	5	24"	8 Feet	3600#
GE536-30	5	30"	10 Feet	3820#
GE736-24	7	24"	12 Feet	4920#
GE736-30	7	30"	15 Feet	5050#

RIPPERS

"BE" Series - Pull type, heavy duty tongue

- Heavy duty tongue assembly
- Frame made of 6"x8"x3/8" thick structural tubing
- "L" style shanks are 1 1/2" thick x 36" long
- Replaceable chrome shin guards on shanks
- 15.5L x 22.5 Tires
- 5" x 18" Hydraulic cylinders with depth stops
- Parking stands, front and rear
- Requires 45 horsepower per shank

Options:

- ~ Rear hitch



Model No.	No. of Shanks	Shank Spacing
BE5PRS36-30	5	30"
BE7PRS36-24	7	24"
BE7PRS36-30	7	30"
BE7PRS36-36	7	36"

Manufactured By:

BWImplement



CAUTION -

You must lower the rear parking stands and lock in place before uncoupling from the tractor.

BOX SCRAPERS

"BSL" & "BB" Series - All welded top mast, no assembly required

Cat. I
A.S.A.E.
Quick Hitch
Compatible



"BSL" Series

- For compact tractors up to 30 H.P.
- Clevis type hitch brackets
- Side plates are 1/4" x 16" x 22"
- Main beam 1/4" x 4" x 4" tubing
- Heat treated scarifier shanks w/replaceable points

Model No.	Cut. Width	No. of Shanks	Weight
BSL-42	42"	3	275#
BSL-48	48"	4	290#

Cat. I
A.S.A.E.
Quick Hitch
Compatible



"BB" Series

- For tractors up to 40 H.P.
- Main beam - 1/4" x 4" x 4" tubing
- Heat treated shanks with replaceable points
- 2 Depth settings on scarifier shanks
- Side plates are 1/4" x 16" x 24"

Model No.	Width	No. of Shanks	Weight
BB-48	48"	4	315#
BB-54	54"	4	350#
BB-60	60"	5	365#
BB-66	66"	5	390#
BB-72	72"	5	400#

Standard color is black - most tractor colors available at no additional charge

TOP & TILT KITS

Valve/Bracket Assy & Cylinders - Box scrapers are more versatile



Valve & Bracket Assembly



Top & Tilt Cylinders

To make box scrapers more versatile, nothing works better than being able to control the tilt and pitch of the implement. Grading jobs are more accurate because you have complete control to develop the slopes you require when landscaping, building roads, etc.

Valve & Bracket Assemblies

- Valves are available in 1, 2, 3 & 4 spool
- Valves handle flows from 15 to 17 GPM (10-13 GPM through the ports) @ 3000 PSI
- Brackets available for most popular models
- Bracket assemblies consist of: rollbar clamp, adjustable arm with valve mounting and safety valve cover

Cylinders

- Special built-in oil flow restrictors which insure smooth operation
- Specially designed to fit your tractor
- Cylinders available in 2", 2 1/2" & 3" bore, depending on the tractor size

BOX SCRAPERS

"GBS" Series - Manual, mechanical, & hydraulic shank retracting

FEATURES:

- Clean, modern design, all welded construction for added strength
- For tractors 20 to 45 horsepower
- 3 Types of shank adjustment to choose from: MANUAL, MECHANICAL and HYDRAULIC
- Category I, A.S.A.E. quick hitch
- No assembly required and no bolted A-frame that can come loose
- Available in 9 widths from 42 to 84 inches (Allows for matching tractor outside tire widths)
- Standard color is black - Most tractor colors available at no additional charge

GBS SERIES MANUAL SHANK



GBS/R SERIES RETRACTABLE SHANK



GBS/H SERIES HYDRAULIC SHANK



SPECIFICATIONS:

Cutting Width	Overall Width	No. of Shanks	Weights		
			GBS	GBS/R	GBS/H
42"	42 ½"	3	330#		
48"	48 ½"	4	355#	405#	405#
54"	54 ½"	4	395#	435#	435#
60"	60 ½"	5	440#	480#	480#
66"	66 ½"	5	490#	505#	505#
72"	72 ¾"	6	540#	575#	575#
76"	76 ¾"	6	560#		600#
80"	80 ¾"	7	600#		630#
84"	84 ¾"	7	620#		

BOX SCRAPERS

Industrial "2G2M" Series - For tractors up to 60 HP manual shanks



Cat. I
A.S.A.E.
Quick Hitch
Compatible

FEATURES:

- Cat. I, ASAE Quick hitch
- All welded construction
- Top mast welded around 2 sides of main beam for added strength
- Heavy duty $\frac{1}{2}$ " thick shank pockets welded behind main beam for additional strength
- Easy quick shank adjustment
- Double plated rear moldboard - 22" high
- Box depth is 29"
- Two position, heat-treated shanks with replaceable points
- Main beam is $\frac{3}{8}$ " x 4" x 4"
- Side plates are $\frac{3}{8}$ " x 22" x 33"
- Two cutting edges - $\frac{1}{2}$ " x 6" heat treated, reversible, bolt-on



This series of scrapers feature the same design as our 2G2 Hydraulic Scarifier Scrapers, except with manual adjustable shanks. The major feature of the scrapers is heavy shank pockets which are attached to the rear on the main beam for added strength. The shank locking pins can quickly be changed to obtain shank settings of 2" and 4" deep.

These scrapers are great for ripping, leveling, finish grading, backfilling, and moving the soil to desired locations.

SPECIFICATIONS:

Model No.	Working Width	Overall Width	No. of Shanks	Weight
2G2M-66	66"	66 $\frac{3}{4}$ "	6	665#
2G2M-72	72"	72 $\frac{3}{4}$ "	6	685#
2G2M-76	76"	76 $\frac{3}{4}$ "	6	705#
2G2M-84	84"	84 $\frac{3}{4}$ "	7	790#

BOX SCRAPERS

Industrial "2G" Series - For tractors 20 to 60 HP - hydraulic shanks

The **2G1 Series Scrapers** are designed especially for small compact tractors. Available in widths of 42", 48", 54" & 60" for tractors from 20 to 50 HP, 2 or 4 wheel drive.

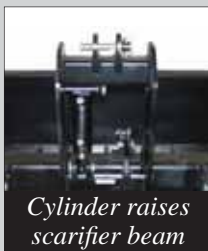
The **2G2 Series Scrapers** are ideal for general landscape work such as: terracing, back-filling, scarifying and leveling the soil. Available in widths of 60", 66", 72", 76", & 84" for tractors from 40 to 60 HP, 2 or 4 wheel drive. Now with bushings on 3-point hitch.



"2G1" SERIES

Cat. I
A.S.A.E.
Quick Hitch
Compatible

"2G2" SERIES



Cylinder raises
scarifier beam



1 1/2" Dia. scarifier
locking pin

- Unique hydraulic scarifier system raises scarifier to high clearance position and lowers beam to working position plus automatically self-locks with heavy hardened pin
- Available in fixed or floating tailboard
- Two position, forged, heat-treated shanks with replaceable points
- 2 1/2" x 6" Reversible heat-treated cutting edges, front and rear
- Non-rotating pins or replaceable bushings at all pivot points
- Heavy plate top mast for added strength
- Cat. I clevis lower hitch brackets

Unique hydraulic scarifier system raises scarifier to high clearance position and lowers beam to working position plus automatically self-locks with heavy hardened pin

Series	2G1 Series				2G2 Series				
Model:	2G1-42	2G1-48	2G1-54	2G1-60	2G2-60	2G2-66	2G2-72	2G2-76	2G2-84
Working Width:	42"	48"	54"	60"	60"	66"	72"	76"	84"
Overall Width:	42 ½"	48 ½"	54 ½"	60 ½"	60 ¾"	66 ¾"	72 ¾"	76 ¾"	84 ¾"
No. of Shanks:	4	4	5	5	5	6	7	7	8
Approx. Weight:	410#	445#	480#	520#	770#	830#	860#	890#	920#
Moldboard Ht:	18"				21"				
Main Beam:	¼" x 4" x 4"				⅜" x 4" x 4"				
Side Plates:	¼" x 18" x 28"				⅜" x 21" x 33"				
Available With Fixed or Floating Tailboard									

BOX SCRAPERS

Industrial "4G" Series - For tractors 50 to 100 HP - hydraulic shanks

The **4G2 Series Scrapers** are designed to handle the demanding work of commercial landscaping and finish grading with its floating tailboard. Available in widths of 72", 76", 80" & 84" for tractors 50 to 80 HP, 2 or 4 wheel drive, A.S.A.E. quick hitch. All equipped with hydraulic scarifiers.

"4G4" SERIES



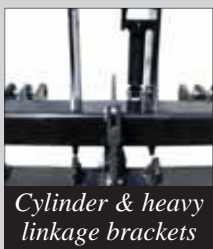
"4G2" SERIES



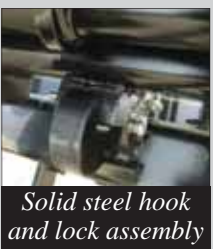
The **4G4 Series Scrapers** are extremely rugged and ideal for construction site clean-up, trench back-filling and demanding material handling. Available in widths of 80", 84" & 88" for tractors 60 to 100 HP, 2 or 4 wheel drive.

The **4G5 Series Scrapers** were developed for grading contractors with high horsepower tractors that demand floating tailboard scrapers. The scraper was designed with 4G4 strength, but the versatility of the floating tailboard. In float position, the cutting of hard material is much greater over fixed tailboard units. Available in widths of 80" & 84" for tractors 65 to 85 HP, 2 or 4 wheel drive.

"4G5" SERIES



Cylinder & heavy linkage brackets



Solid steel hook and lock assembly



Top mast wraps around 3 sides

- 2 ½" Cylinders in lieu of 3"
- Floating and fixed tailboard models
- 2 Position, forged, heat-treated shanks w/replaceable points
- Main beam ¾" x 5" x 5" tubing
- Moldboard height of 24"
- Non-rotating pins or replaceable bushings at all pivot points

SPECIFICATIONS:

Series	4G2 Series				4G4 Series			4G5 Series	
Model:	4G2-72	4G2-76	4G2-80	4G2-84	4G4-80	4G4-84	4G4-88	4G5-80	4G5-84
Working Width:	72"	76"	80"	84"	80"	84"	88"	80"	84"
Overall Width:	73"	77"	81"	85"	81"	85"	89"	81"	85"
Approx. Weight:	1150#	1190#	1220#	1260#	1340#	1400#	1470#	1350#	1410#
Side Plates:	½" x 24" x 32"				½" x 24" x 35"			½" x 24" x 35"	
HP Rating:	50 to 80 H.P.				60 to 100 H.P.			65 to 85 H.P.	

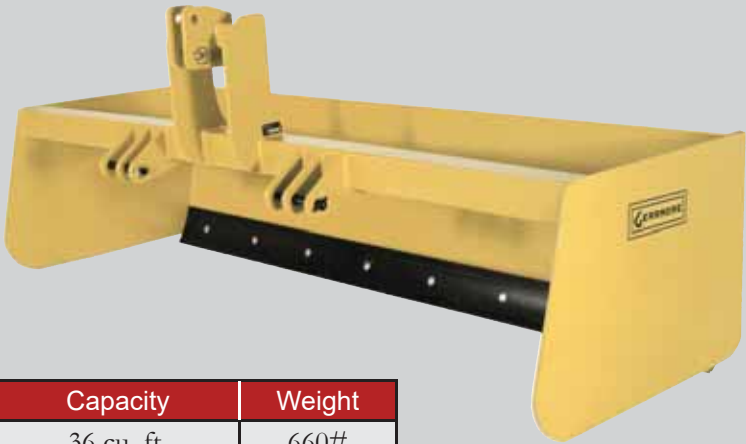
SCRAPERS

Corral Scrapers - 3-Pt hitch and pull type scrapers

FEATURES:

- Designed to move a lot of material fast
- Combination Cat. I and II clevis hitch
- Square tube main beam 4" x 4" x 1/4"
- Rear moldboard 1/4" thick
- Heavy duty, large capacity, all welded construction
- Features 24" high x 36" deep x 3/8" thick side plates
- Combination Cat. I and II clevis hitch
- Stepped, non-turning, combination Cat. I & II lower link pins

"CS" SERIES



SPECIFICATIONS:

Model No.	Width of Cut	Capacity	Weight
CS72	72"	36 cu. ft.	660#
CS84	84"	42 cu. ft.	700#
CS96	96"	48 cu. ft.	740#
CS120	120"	60 cu. ft.	800#
1/2" x 6" Single reversible high-carbon cutting edge			

SCRAPERS, DRAG

Compact Drag Scrapers - Pull Type

FEATURES:

- Extremely versatile-countless jobs can be done all year round. Level ditches, clean sheds and pens, repair roads, spread gravel, general earth-moving
- Hydraulically operated and controlled from your tractor seat
- Now with removable tongue
- Highly maneuverable
- Cutting edges are 1/2" x 6" high carbon and reversible
- Scrapers come standard with tires, cylinder, and hoses
- Clevis type hitch

Option:

~ Tilt axle assembly

"CD" SERIES



Specifications:

Working Width:	5, 6, and 7 Foot
Moldboard:	1/4" x 18"
Side Plates:	3/8" x 18" x 24"
Tongue:	Removable 3/16" x 3" x 3"
Tires:	Equipped with (2) 5.70-8 Tires
Hydraulics:	2" x 6" Double acting cylinder & hoses
Clearance:	Raised: 12" - Cuts: 3" Below grade
Approx. HP:	25 to 50 Horsepower
Capacity:	(5') - 7/16 cu. yd., (6') - 1/2 cu. yd., (7') 5/8 cu. yd.
Weight:	(5') - 500#, (6') - 550#, (7') - 600#

SCRAPERS, DRAG

All Purpose Series - Easy way to carry, grade & spread material

MODEL AP10 SHOWN WITH OPT. DUAL WHEELS & TILT



- For tractors 70 to 120 horsepower
- Working widths of 8, 10, & 12 foot
- 3/8" x 24" x 36" Deep side plate
- Clearance of 23" raised and 5" below grade
- Hydraulically operated from the tractor seat
- Moldboard 1/4" plate, 24" high
- Main cross beam 4" x 4" tubing
- 3" x 8" Double acting cylinder and hoses
- Ribbed implement tires - 9.5L - 15SL
- Bolt-on hitch with swivel ball

Our **Drag Scrapers** are an excellent implement for carrying and spreading all types of material. Landscapers find the scrapers great for general grading and spreading exact depths of top soil. Contractors set the cutting edge to spread different depths of gravel for rebuilding roads and storage yards. Dairy men find the scrapers best for moving you know what. The Drag Scrapers feature a removable 4" x 4" beam tongue that extends to the rear moldboard and is held in place by a 5" x 5" heavy gusseted tube. This feature gives added strength at the point of the most stress.

Model No.	Width	Capacity	Weight
AP8	8'	1 3/4 cu. yd.	1360#
AP10	10'	2 1/4 cu. yd.	1450#
AP12	12'	3 cu. yd.	1560#

Options:

- ~ Tilt Axle w/cylinder & hoses
- ~ Dual Wheels
- ~ Bolt-on Weight Boxes

SCRAPERS, DRAG

High Capacity - Drag and deposit large amounts of material



MODEL HC10 SHOWN

Options:

- ~ Tilt Axle w/cylinder & hoses
- ~ Dual Wheels
- ~ Bolt-on Weight Boxes

Model No.	Width	Capacity	Weight
HC8	8'	2 1/2 cu. yd.	1450#
HC10	10'	3 1/4 cu. yd.	1630#
HC12	12'	3 3/4 cu. yd.	1840#
HC14	14'	4 1/4 cu. yd.	2050#

NOTE: Tractor colors are available upon request - no charge

The **"HC" High Capacity Series of Drag Scrapers** feature heavy, large side plates - 1/2" thick. These side plates are 30" high by 40" deep, thus allowing for dragging and depositing large amounts of material. Like the "AP" series, the beam tongue extends to the rear moldboard and is held in place by a 5" x 5" heavy gusseted tube. The new axle assembly is built with 4" x 2" tubing. The larger dairies and feedlots find these scrapers best for their operations.

- For tractors 70 to 120 horsepower
- Working widths of 8, 10, 12 & 14 foot
- 1/2" x 30" x 40" Deep side plates
- Clearance of 23" raised and 5" below grade
- Hydraulically operated from the tractor seat
- Moldboard 1/4" plate, 30" high
- Internal braces to side plates and moldboard
- Main cross beam 4" x 4" tubing
- 3" x 8" Double acting cylinder and hoses
- Ribbed implement tires - 9.5L x 15
- Bolt-on swivel slotted hitch

SCRAPERS, GRADING

Compact & Industrial Series - Best for repairing & maintaining roads

The **Gearmore Grading Scrapers** were designed to perform many different tasks, such as: landscaping, road repair, arena maintenance, etc. Many unique features enable the operator to do a number of different tasks, no matter what the soil conditions.

General Landscaping - The deep ripping scarifier shanks will break-up the hardest of soils. Dual cutting blade will allow for the movement of large amounts of material when required. To finish grade, set the shanks in the storage position and lightly grade, to finish your landscaping project.

Repairing Roads - The dual blade flow through action cuts out high spots, fills holes and moves material from the edge of the road toward the center, thus achieving a smooth finished road.

- Quick hitch compatible
- For tractors from 20 to 80 H.P.
- Heavy steel tubing main front beam
- Heavy steel tubing rear support beam
- Heat treated scarifier shanks with replaceable points
- Shanks adjust to ripping & storage positions
- Two ½" x 6" heat treated reversible beveled cutting edges
- Easy to adjust cutting edges with settings of 1 to 1 ½" below side panels (preset at ¼")
- Formed side panels capture and retain material
- ¼" x 2" Replaceable skid plates on side panels



**NOW AVAILABLE
LESS SHANKS**



SPECIFICATIONS:

Model No.	Hitch Type	Cutting Width	Overall Width	Min. H.P.	Main Beam	Weight
GS4	Cat. I	48"	52"	20 H.P.	3" x 3"	415#
GS5	Cat. I	60"	64"	25 H.P.	3" x 3"	450#
GS6	Cat. I	72"	76"	30 H.P.	3" x 3"	505#
GSI7-SS	Skid Steer	84"	89"	45 H.P.	5" x 5"	820#
GSI7	Cat. I & II	84"	89"	45 H.P.	5" x 5"	830#
GSI8	Cat. II	96"	101"	50 H.P.	5" x 5"	860#
GSI10	Cat. II	120"	125"	70 H.P.	5" x 5"	1020#
GSI12	Cat. II	144"	149"	80 H.P.	5" x 5"	1140#

SCRAPERS, GRADING

Opt. Laser System Available - Skid steer, track loader & 3-pt. mount

By:

Level Best
PRECISION GRADING



MODEL SC60 COMPACT SCRAPER SHOWN WITH OPT. DRAWBAR HITCH

The compact series of *Grading Scrapers* are available in 3-point hitch for tractor mount or towable for utility or all terrain vehicles. Horsepower requirements are approximately 20 H.P. The scraper is available with hydraulic or electronic liner actuator compatible with most laser systems. Optional drawbar hitch available. The scraper is available with linear electronic or hydraulic and without laser grading system.

Features for SC & PL Series Scrapers

- Rugged casters w/wheel hubs and tapered roller bearings
- Wide, flat free tires eliminates tire repair and leaves less tire track
- High carbon steel replaceable cutting edges on moldboard and side plates
- Tough, long-lasting, powder coated paint reduces rust/corrosion

Model	Box Size	H.P.	Capacity	Wt.
SC48	48"	20 H.P.	4.1	345#
SC60	60"	20 H.P.	5.1	395#

PARA-LEVEL 7' SCRAPER WITH OPTIONAL LASER SYSTEM SHOWN

These Scrapers are usually sold with the optional laser grading system, as it allows the scrapers to finish grade elevations to within 1/4 inch. The top of the line *Para Level Scraper* is the smoothest operating system, as the grading box adjusts independently from the skid steer and the flotation wheels. The double box on the Para-Level also allows grading in forward and reverse. These high strength scrapers are designed to give years of trouble free use. Hydraulic packages are designed to fit most popular laser systems.

- Composite epoxy - fiberglass bushings in all pivot points eliminates the need for greasing
- Durable steel construction of 3/8" & 1/4" steel plate & heavy wall steel tubing to take daily abuse on a job site

Model	Box Size	H.P.*	Box Capacity		Wt.
Skid Steer Para-Level Grading Box, Dbl			Front	Rear	
PL/PD72	6'	60 +	11.5 cu. ft.	7 cu. ft.	1530#
PL/PD84	7'	70 +	13.4 cu. ft.	8 cu. ft.	1590#
PL/PD96	8'	80 +	15.3 cu. ft.	9 cu. ft.	1650#

* Recommended H.P. under optimal conditions. Custom sizes available.

Opt. Laser Scraper Models - Para-Level Dual Slope includes Slope-Tach for cross-slope operation.

3D and GPS interface available for Leica, Top Con & Trimble Systems

SCRAPERS, GRADING

Standard or Super Capacity - Skid steer & track loader are more productive

These two series of 3-point hitch **Grading Scrapers** are available in standard or super capacity. The standard capacity scrapers are available in Cat. I & II and can be operated with tractors as low as 30 PTO horsepower. The super capacity scrapers are Cat. II only and can be operated with tractors as low as 60 PTO horsepower. Both series of scrapers are available with or without laser grading system.

Same features as Para-Level plus:

- 4 Flotation tires on super capacity scraper
- Optional drawbar hitch, scarifier bar, and rear hinged cutting edge - standard capacity only

By:

Level Best
PRECISION GRADING



Model No.	Box Size	PTO H.P.	Box Capacity	Wt.
Standard Capacity Tractor Grading Box				
TS72/TD72	6'	30 to 42 H.P.	17.0 cu. ft.	1060#
TS84/TD84	7'	35 to 49 H.P.	19.9 cu. ft.	1120#
TS96/TD96	8'	40 to 56 H.P.	22.8 cu. ft.	1180#
Super Capacity Tractor Grading Box				
LBSE8	8'	70 to 90 H.P.	37.5 cu. ft.	1750#
LBSE9	9'	80 to 100 H.P.	42.3 cu. ft.	1835#
<i>Optional Laser Scraper Models - Dual Mast Box Scraper includes cross-slope operation</i>				

Laser Systems

Laser Mounted Grading Systems were designed to replace the traditional three person grading crew with a single operator. The units will finish grade elevations to within 1/4 inch. The laser controls are easy to learn and use. As the operator grades, the system's receiver detects laser light from the rotating beacon and transmits a signal to the scraper hydraulic controls. The hydraulic valve uses the signal from the receiver and automatically lowers or raises the grading box to the required grade. Precise finish grade is attained when the "on grade" light remains illuminated.

To make grading scrapers into laser grading scraper 3 components are required:

1. Hydraulic System
2. Laser System
3. Tripod Mounted Rotating Laser Beacon

1. HYDRAULIC PACKAGE

Consists of digitally proportional valve, hoses, fittings, & hardware for the following laser systems:

- Apache - Trimble, Topcon, MEI/AGL

2. LASER CONTROLS

Consist of control panel, 360° sensor, cables, and manual override.

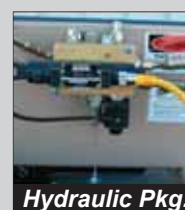
- Apache - Trimble, MEI/AGL

3. ROTATING LASER BEACONS

Tripod mounted rotating laser beacons - single slope or dual slope.

ROTATING LASER BEACONS

- Tripod mounted rotating laser beacons provide either single or dual/cross slope features
- Automatic or manual programming with remote
- Self leveling and H.I. Alert
- 750 Foot range
- Tripod, Grade Rod, and Detectors suitably matched to application



ATTACHMENTS

Skid Steer Attachments - Skid steer & track loader are more productive

Manufactured By:



Dozer Blade



- Available in widths of 84" and 96"
- Rated for tractors up to 110 H.P.
- Electro hydraulic controlled angle and tilt
- Heavy moldboard - .31" thick and 28" high
- Replaceable cutting edge and skid shoes

Quick Attach Grapple Brush Buckets



"Skeleton Bottom"

- Widths of 66", 72", 78", 84", & 90"
- For machine weights of 6,500# & 9,500#
- Patented cushioned & sleeved cylinder
- 100,000 PSI yield strength tine material
- Load check valve system

Mulcher



- 60"/72" Cutting width
- Shreds up to 12" diameter trees
- Hydraulic deflector door
- 44/54 Hammers with carbide teeth
- Hydraulic flow of 30 to 60 G.P.M.

Quick Attach Low Profile Material Buckets



- Widths - 60", 66", 72", 78" & 84"
- Std. 30" length for more severe conditions when break out force is required
- Long length floor - 36" for better visibility, productivity, & cutting grade
- Strong box sections & full wear strips for better bottom protection
- Designed w/20° rollback angle

QA Grapple Buckets



"Closed Bottom"

- 2 Series of buckets in widths - 60", 66", 72", 76", 82", & 88"
- For machine weights of 8,000 and 11,000 lbs.
- Patented cushioned and sleeved cylinder
- Steel guards to protect cylinders
- Load check valve system

Tillers



- Breaks up sod and clumps of soil
- Mixes compost and other materials
- Prepares soil for seeding or reseeding; great for small soil stabilization and landscape jobs
- Available as fixed offset with dual direct drive or adjustable offset with chain drive

ATTACHMENTS

Skid Steer Attachments - Skid steer & track loader are more productive

Brush Cutters



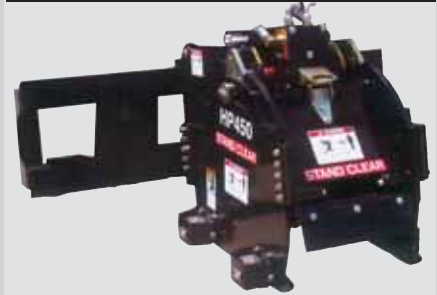
- Available in 60", 72" & 78" widths
- High speed three blades for brush up to 4" diameter
- Heavy ¼" thick steel deck with formed side plates
- Available in standard or high flow
- New heavy duty motor and drive train

Trencher



- Available in digging depths of 36", 42" & 48"
- Trench digging widths of 6", 8" & 10"
- Equipped w/2 position side shift
- High torque hydraulic motor for maximum digging power
- Replaceable headshaft driven auger for spoil removal

Cold Planer



- High flow and standard flow models are available
- Planing widths of 12", 16", 18", 24", 30" & 40"
- Fully adjustable with electro-hydraulic controls
- Joystick controls for depth, tilt, and side shift
- Drum diameters of 19" & 22" with carbide picks

Root Rake



- Dual use - rip out roots and grapple material
- Widths of 72", 78" & 84"
- 49" Grapple opening
- Dual hydraulic cylinders
- Built for extreme duty use

Brush Shredder



- 66"/72"/78" Cutting width
- Front of deck swings up for cutting down trees
- Knocks down and shreds trees up to 7" in diameter
- 4 Reversible ¾" thick blades
- Optional carbide teeth stump grinder

Backhoe



- Available in digging depths of 8 ½' thru 12'
- Bucket sizes of 12", 16", 18", 20", 24" & 36"
- Dual cylinder swing provides max. power where needed
- Cushioned swing brings backhoe to gentle stop
- Operates with hydraulic systems of 9 to 12 G.P.M.

Manufactured By:



SPRAYERS

Spot, ATV, Utility, Skid - From 15 to 40 gallon capacity

LG-40-SS



LG-13-P



LG-29-P



UTL-40-5



Spot Series 15, 25 & 40 Gallon

- Corrosion resistant polyethylene tank
- Full length drain sump
- 5" Fill lid with tether
- Larger hose wrap horns for hose storage
- Both gallon & liter fluid volume indicator on tank
- 12 Volt (demand) diaphragm pump
- Maximum horizontal throw - 30 ft.
- Maximum vertical throw - 18 ft.
- Ready for Roundup

Model No.	Gallons	G.P.M.	PSI	Handgun	Hose	Nozzles	Coverage	Wt.
LG-13-P	15 Gal.	2.1 GPM	60 PSI	Lever	15'	-	-	30#
LG-29-P	25 Gal.	2.1 GPM	60 PSI	Lever	15'	-	-	35#
LG-40-SS	40 Gal.	3.8 GPM	45 PSI	Pistol Grip	25'	-	-	90#
UTL-40-5	40 Gal.	2.1 GPM	60 PSI	Pistol Grip	25'	5	100"	170#

SPRAYER

40 Gallon, 3-point



Our 40 gallon **3-Point Sprayer** applies pesticides, herbicides, insecticides or fungicides. The sprayer attaches in minutes to a Category I, 3-point hitch. The sprayer is equipped with a 4 nozzle spray boom allowing 120" of spray coverage. The 3 section boom features break-away hinges for transport or striking objects such as trees, while spraying.

FEATURES:

- 12 Volt High-Flo pump, 2.1 GPM, 60 P.S.I.
- Break-away hinges on boom
- Fold behind 3 section boom
- Deluxe pistol grip handgun
- 15 Feet of hose

SPECIFICATIONS:

Model No.	Hitch	Gallons	G.P.M.	Pump	Wt.
LG-40-3PT-12V	Cat. 1	40	2.1 GPM	12V	80#

SPRAYERS

Trailer Mounted - With Honda engine

Our compact trailer sprayer is excellent for all types of spraying applications. These units feature a Honda 3 H.P. engine, 50 gallon polyethylene tank, and large flotation tires. The special twin piston diaphragm pump produces high pressure and gallons per minute, for spray boom and handgun operations.

The sprayer was designed so it can be towed by ATV's and other small vehicles.



SHOWN WITH OPTIONAL
BOOM, HANDGUN & HOSE

FEATURES:

- 50 Gallon capacity polyethylene tank with hatch cover and strainer screen
- Honda 3 horsepower engine
- Two piston diaphragm pump produces 5.3 G.P.M. with pressure up to 275 P.S.I.
- High pressure jet agitation
- Flotation tires 18 x 8.50 - 8 ply
- Adjustable pressure control valve, line strainer and pressure gauge

OPTIONS:

- ~ 5 & 10 Foot stainless steel boom - vertical or horizontal positions
- ~ Handgun and 25 feet of hose

Model No.	Description	Gallons	Width	Length	Height	Wt
ET50H	Trailer Sprayer	50	36"	75"	35"	175#

FEATURES:

- Cat. 1, 3-point
- Capacity of 50, 100 & 150 Gallon
- Telescopic square tubing frame
- Each head is equipped with two anti-drip spray nozzles 110° flat fan tips
- Spring break away protection to prevent damage to crop
- Includes hoses and shut-off valves
- Sprayer features on next page

Our **Berm Sprayers** are available in capacities of 50, 100 and 150 gallon. The booms can be quickly adjusted from 6 to 10 foot rows. The wind proof spray heads have flexible polypylene brushes. The handy rear rails allow for easy mounting of vertical booms, horizontal booms and hose reels.

SPRAYERS

Cat. 1, 3-point hitch berm sprayer



150 GALLON SPRAYER
SHOWN

SPECIFICATIONS:

Model No.	Tank Capacity	Pump GP60M/PSI	Spray Heads	Spread	WT.
GC200-BB	50 Gallon	6 / 360	2	6 to 10 feet	225#
GC400-BB	100 Gallon	11 / 360	2	6 to 10 feet	240#
GC600-BB	150 Gallon	11 / 360	2	6 to 10 feet	275#

SPRAYERS

Two Sprayer Series - Economy and Deluxe

You will achieve total versatility and economical performance from our two series of **3-Point Hitch Sprayers**. The rear rails on both series allows for easy mounting of a number of bolt-on attachments such as a vertical boom, horizontal booms, hose reels, and handguns. The sprayers feature reinforced polyethylene tanks suspended from a tubular steel frame to isolate the tanks. Also featured are piston diaphragm pumps and a hand wash tank for convenience and safety.



*150 Gallon Shown
With Folding Boom*

"GC" SERIES

FEATURES:

- Category I, 3-point hitch
- Polyethylene tanks with liquid level gauge
- Tank capacities of 50, 100, & 150 gallon
- High pressure piston diaphragm pumps
- Pressure regulator valve and gauge
- Large suction filter
- High pressure jet agitation
- Separate clean water tank for safety
- Rear mounted rails for mounting booms

SPECIFICATIONS:

Model No.	Tank Capacity	Pump GPM / PSI	Width	Height	Depth	Wt.
GC200	50 Gal.	6/360	39"	46"	23"	175#
GC400	100 Gal.	11 / 360	44"	44"	36"	190#
GC600	150 Gal.	11 / 360	44"	56"	36"	225#

"GDL" SERIES



FEATURES:

- Category I, 3-point hitch on 50 gallon, Category I & II hitch on 100, 150, and 200 gallon
- Tanks are made of reinforced polyethylene with smooth lines that are gentle to plants
- High pressure 3 piston diaphragm pump
- Pressure regulator valve with manual controls
- Clean water 12 gallon tank for flushing chemical residue, 6 gallon on 50 gallon sprayer
- High pressure jet agitation
- Clean water 4 gallon tank for hand washing
- Optional - manual or hydraulic booms

SPECIFICATIONS:

Model No.	Tank Capacity	Pump GPM / PSI	Width	Height	Depth	Wt.
GDL200	50 Gallon	11 / 580	38"	38"	20"	325#
GDL400	100 Gallon	14 / 580	48"	45"	30"	350#
GDL600	150 Gallon	14 / 580	48"	52"	30"	400#
GDL800	200 Gallon	14 / 580	61"	55"	39"	425#

SPRAYERS

Boom / Handgun - High pressure pump for handgun & boom spraying

The **200 Gallon Sprayer** has a high volume and high pressure pump, best for multiple handgun use and with 20 and 28 foot booms. The simple design makes the sprayer easy to use. Recessed pump location allows close coupling to tractor and reduces angle of driveshaft. Tank is suspended from a heavy tubular frame to isolate it from vibration and stress. All these features, plus many more, add up to high value sprayers.

- Fiberglass tank with hatch and strainer basket
- Mechanical agitation with stainless steel propeller and shaft
- Diaphragm pump produces 23 GPM @ 780 PSI
- Cat. I or II, 3-pt. hitch 540 R.P.M., PTO driven
- Sight gauges in tank and tubing
- Controls are reachable from tractor seat allowing operator to switch liquid from off to right or left spraying
- Optional - manual or hydraulic booms

Model No.	Tank Capacity	Pump Type	Pump GPM	Pump Pressure	Wt.
GN200D-23	200 Gal.	Diaphragm	23	780 PSI	450#

**MODEL GN200D-23
WITH 28' HYDRAULIC BOOM**



- Available in trailer mount
- 8 H.P. Honda engine
- Reinforced polyethylene tank w/2 hatches
- Screw type, pin away tongue jack
- 3 Piston diaphragm pump, produces 14 GPM at maximum pressure
- Pressure regulator w/manual controls reachable from seat
- Trailer tire size is 20 x 10.00- 6 ply
- Unique rear rail system for mounting many spraying attachments

SPRAYERS All-Purpose Trailer - With low profile polyethylene tank



Our sprayer offers the latest design in an **All Purpose Sprayer**. The low profile polyethylene tank has a full length stainless steel agitation system and a large hatch with shower head to easily put wettable powder into suspension. An additional water filling hatch is included to keep chemicals from being splashed while filling. The sprayer can be used as a horizontal boom, row line boom, and/or hose/reel/handgun sprayer. The applications for this sprayer are endless - municipalities, golf courses, nurseries, farms, ranches, etc.

- **Available options:**
 - ~ Horizontal Booms
 - ~ Row Line Booms
 - ~ Hose/Reel/Handgun

Model No.	Type	Width	Length	Height	Wt.
GPE800	Trailer	54"	102"	48"	490#

SPRAYERS, AIR BLAST

Compact, Engine Driven - Excellent for very narrow rows



The Gearmore Compact, self contained Engine Driven Air Blast Sprayers was designed for very narrow rows and muddy conditions. This allows for operating the sprayer with an ATV or sub-compact tractors.

The spray nozzles are easy to adjust and can be individually shut off. Controls allow for turning off one side. You can shut off the spray and disengage the fan for handgun spraying.

This sprayer is popular in vineyards, berries, nurseries, hemp and other narrow row crops.

Same Features as a 500 Gallon Air Sprayer - Only 1/5 The Size:

- 20" Diameter fan with 9 adjustable blades
- Briggs & Stratton 9 HP Vanguard engine
- AR30 dual piston diaphragm pump produces 11 GPM, maximum pressure 580 PSI
- Gearbox has one speed & neutral for handgun spraying
- Pressure regulator valve, gauge and hoses extend to towing vehicle
- 8 Adjustable high pressure nozzles with anti-drip diaphragm, filter and ceramic tips
- Spray controlled to spray right side, left side, or both sides, and nozzles can be shut off individually to limit spray width
- High pressure jet agitation
- Wide floatation tires- 23x10.50-12 -trailer tires
- Adjustable trailer axles up or down - front or rear for load balance
- Separate clean water tank for hand washing
- Shut-off valves and fittings to install two handgun and hoses
- Trash guard to prevent debris from being sucked into fan
- Clevis type adjustable pull hitch
- Rear mounted parking stand
- Fan produces 17, 280 cubic feet of air per minute

SPECIFICATIONS:

MODEL #	TYPE	GALLONS	WIDTH	LENGTH	HEIGHT	WEIGHT
ATVM400	Trailer	100	37"	85" - 93"	51" - 54"	485#







SPRAYERS, AIR BLAST

Value & Standard Series - For effective chemical spraying

Our **Value Series Air Blast Sprayers** have outstanding features such as: reinforced smooth lines polyethylene tanks; hot galvanized frame and fan housing to prevent rust; top of the line smooth running 3 piston diaphragm pumps; high speed fans with adjustable blades; gearbox with neutral for handgun and boom operations; built-in fan deflectors to direct the spray where required. The sprayers even have a separate safety fresh water tank for handwashing.



- Cat. I, 3-point hitch
- Tanks made of reinforced polyethylene with smooth lines - gentle to plants
- 3 Piston diaphragm pump 14 GPM, maximum pressure 580 PSI
- One speed gearbox with neutral for handgun and boom operations
- Stainless steel nozzle manifold
- High pressure jet agitation
- Adjustable top and bottom wings to direct air and spray only to the foliage
- Clean water 4 gallon tank for hand washing







						LBS.
Model - Gal.	Inch	R.P.M.	C.F.M.	No.	HP	Wt.
APL-G200-50	24"	2100	19,200	8	20 HP	300#
APL-G400-100	24"	2100	19,200	8	25 HP	375#

Our **Standard Series Air Blast Sprayers** are ideal for small to medium sized vineyards, orchards, berries, etc. The sprayers feature reinforced polyethylene tanks with smooth lines that are gentle to the plants. The tanks are suspended from heavy duty tubular steel frames to isolate it from vibration and stress. The gearboxes have a neutral position which shuts off the fan during handgun or boom work. The sprayers are easy to operate and have all the features required for easy maintenance and long life.



- Cat. I & II, 3-point hitch
- 3 Diaphragm piston pump, 14 GPM @ 580 P.S.I.
- One speed gearbox with neutral
- High pressure jet agitation
- Stainless steel manifolds with anti-drip nozzles
- Clean water 12 gallon tank for flushing chemical residue
- Clean water 4 gallon tank for hand washing

**ADD "V" TO MODEL
FOR VOLUTE SPRAYER**

						LBS.
Model - Gal.	Inch	R.P.M.	C.F.M.	No.	HP	Wt.
APL400 - 100 Gal.	28"	2100	25,000	10	30 - 40	500#
APL600 - 150 Gal.	28"	2100	25,000	10	40 - 50	550#



SPRAYERS

Venturi Air Sprayers - For berries/open fields and hoop houses



These sprayers were designed with unique distribution heads for berries. The narrow width allows for operating in the tight row spacings. The hoop house model has a cannon which sprays the "pole row". The open field distribution head has 6 double nozzles for spraying two half rows. Both distribution heads produce fog sized droplets that achieve total plant coverage.

FEATURES:

- Cat. 1, 3-pt. hitch, PTO 540 R.P.M.
- High performance, precision balanced all steel centrifugal fan
- Special molded polyethylene fan housing
- Translucent heavy walled polyethylene tank with lid, sump and strainer basket
- Built-in overrunning clutch to protect the tractor and sprayer drive train
- Compact, rounded tank design permits traveling through vegetation without damaging it
- Simple, efficient "Dial-A-Rate", 15 position metering disc
- Agitation by liquid sparging tube & air from fan
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Capable of application rates of 20 to 200 gallons per acre, depending on row width
- Reachable controls from tractor seat, allows operator to switch liquid from off to right, left, or both sides spraying
- Built-in 6 gallon fresh water safety tank

DISTRIBUTION HEADS:

Open Field Berries - Order 12 nozzle distribution head no T6M2D

Hoop House Berries - Order 12 nozzle distribution head no. T6M+1C, which includes upper cannon assembly, shutter valve extension and 12 nozzle plugs

SPECIFICATIONS (Sprayer Only):

Model No:	Gallons	Volume of Air	Width	H.P. Req'd	Weight
P42N1-300-G	75 Gallons	2350	38"	18 H.P.	400#
P45N1-300-G	75 Gallons	3180	38"	32 H.P.	410#

Venturi Air Sprayers - Fog sized droplets ensure total plant coverage

These *Venturi Air Sprayers* feature the 8 nozzle distribution head for vineyard rows up to 10 foot width.

**P45 SHOWN WITH
8 NOZZLE HEAD**



**FRONT
VIEW**



These unique *Venturi Air Sprayers* feature the latest technology in concentrate spraying. Thus, growers achieve the following benefits: spray atomization of droplets are smaller and more uniform, less fill-ups, even distribution of concentrated spray, complete foliage coverage, better product utilization, less chemical waste and soil/water contamination. All Venturi Air Sprayers shown on the following pages have these same advantages.

FEATURES:

- Cat. I, 3-point hitch, P.T.O. 540 RPM
- High performance, precision balanced all steel centrifugal fan
- Translucent heavy walled polyethylene tank with lid, sump and strainer basket
- Compact, rounded tank design permits traveling through vegetation without damaging it
- Simple, efficient "Dial-A-Rate", 15 position metering disc
- Agitation by liquid sparging tube and air from the fan
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Power band fan speed-up is automatically adjusted by spring loaded idler
- Broad range of Venturi distribution heads that produce 50 micron droplets and are specially designed to match a variety of foliage profiles
- Capable of application rates of 20 to 200 gallons per acre, depending on row width
- Built-in 6 gallon fresh water safety tank

SPECIFICATIONS:

Model No.	Gallons	Volume of Air	Width	H.P. Required	Wt.
P42N1-300-G	75 Gallons	2350 C.F.M.	38"	18 H.P.	430#
P42N1-400-G	100 Gallons	2350 C.F.M.	44"	18 H.P.	450#
P45N1-300-G	75 Gallons	3180 C.F.M.	38"	32 H.P.	435#
P45N1-400-G	100 Gallons	3180 C.F.M.	44"	32 H.P.	455#

SPRAYERS

Cuts Spraying Time in Half - Sprays two complete rows in one pass



The *Venturi 2 Row Sprayer* covers two complete rows at one time so your spraying time is cut in half; reducing your labor, fuel, wear and tear on your tractor/sprayer, and since you are traveling every other row, you will have less soil compaction. Plant coverage is greatly increased because the spray enters the foliage from opposite directions at the same time. Thus, chemical drift is greatly reduced as the spray is held in the foliage longer. These sprayers are available with many different types of distribution heads, however the most productive is the unit shown above. The over the row nozzles are adjustable for 6 to 10 foot rows. The extensions have hydraulic cylinders for folding away when required

FEATURES:

- Cat. I & II, 3-point hitch, P.T.O. 540 RPM
- High performance, precision balanced all steel centrifugal fan
- Special molded polyethylene fan housing
- Translucent heavy walled polyethylene tank with lid, sump and strainer basket
- Compact, rounded tank design permits traveling through vegetation without damaging it
- Simple, efficient "Dial-A-Rate", 15 position metering disc
- Agitation by liquid sparging tube and air from the fan
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Reachable controls from tractor seat, allows operator to switch liquid from off to right, left or both sides spraying
- Built-in 6 gallon fresh water safety tank

SPECIFICATIONS:

Model No.	Gallons	Volume of Air	Width	H.P. Required	Wt.
P50N1-400-G	100 Gallons	4444	44"	45 H.P.	500#
P50S1-400-G	100 Gallons	4875	44"	52 H.P.	500#
P50N1-600-G	150 Gallons	4444	57"	45 H.P.	540#
P50S1-600-G	150 Gallons	4875	57"	52 H.P.	540#

SPRAYERS

Venturi Air Sprayers - One sprayer, three different applications

This model features fishtail type distribution heads for orchards with trees up to 35 feet in height. The fishtails are fitted with special manifolds with a total of 64 orifice outlets. This feature produces a fine mist spray to obtain total plant coverage. Also, growers have found that the sprayer is the most economical way to apply foliar feed.



FEATURES:

- Cat. II, 3-point hitch, P.T.O. 540 RPM
- Translucent heavy walled polyethylene tank with lid, sump and strainer basket
- Built-in overrunning clutch to protect the tractor and sprayer drive train
- Simple, efficient "Dial-A-Rate", 15 position metering disc
- Agitation by liquid sparging tube and air from the fan
- Low pressure spraying system - 15 to 40 PSI
- Electro valve controls to switch liquid from off to right, left or both sides spraying
- Built-in 6 gallon fresh water safety tank

SPECIFICATIONS:

Model No.	Gallons	Volume of Air	Width	H.P. Required	Wt.
P55E1-600-G	150 Gallons	9123 C.F.M.	57"	70 H.P.	550#



The development of this sprayer was for horizontal spraying up to 90 feet. The system features 4 upper cannons, one central cannon and 4 lower nozzles. This cannon sprayer is popular in areas of limited tractor roads and is used in nurseries and crops like melons.



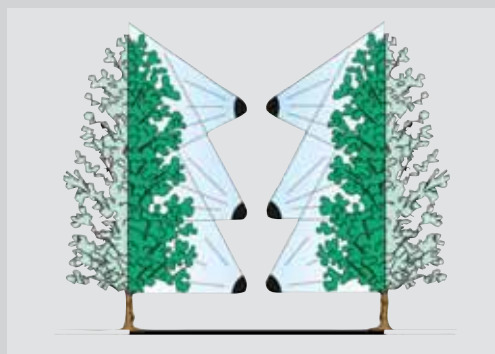
This sprayer has special tall tree cannons that will give complete coverage on trees up to 50 feet in height. The unit was designed for spraying walnuts, avocados, and other tall tree orchards. The sprayer is also excellent for applying foliar feed.

SPRAYERS

Venturi Air Sprayers - For orchards that require top to bottom coverage



These unique *Venturi Air Sprayers* feature our most powerful high speed turbine fans and are the latest technology in fine mist spraying. Thus, growers achieve the following benefits: Spray atomization of droplets are smaller and more uniform, less fill-ups, even distribution of concentrated spray, complete foliage coverage, better product utilization, less chemical waste and soil/water contamination. This 6 vent distribution head is also available on our 300 and 500 gallon trailer models.



This sprayer produces a perfect curtain of fine fog sized droplets through special 6 vent distribution heads with a total of 96 orifice liquid outlets.

FEATURES:

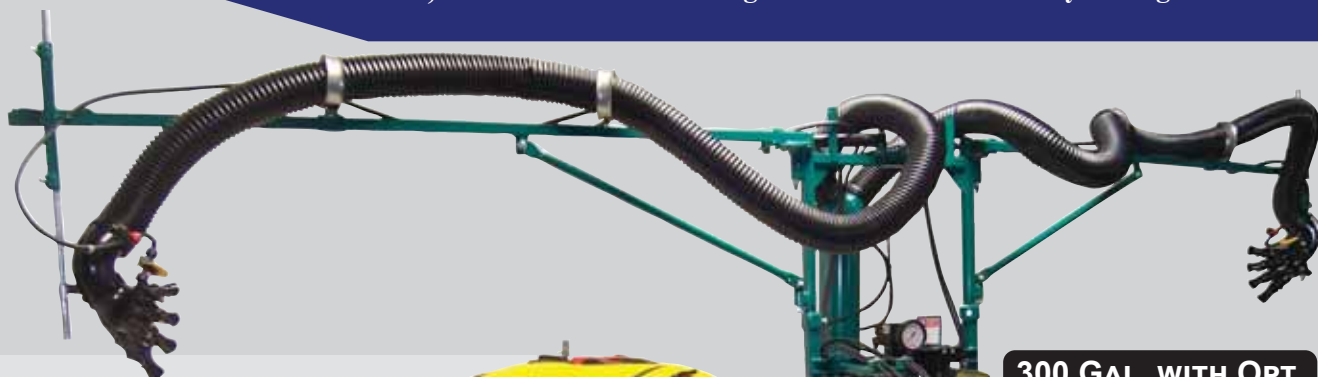
- Cat. II, 3-point hitch, P.T.O. 540 RPM
- High performance, precision balanced all steel centrifugal fan
- Translucent heavy walled polyethylene tank with lid, sump and strainer basket
- Compact, rounded tank design permits traveling through vegetation without damaging it
- Simple, efficient "Dial-A-Rate" 15 position metering discs
- Agitation by liquid sparging tube and air from fan
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Reachable controls from tractor seat, allows operator to switch liquid from off to right, left or both sides spraying
- Built-in 6 gallon fresh water safety tank

SPECIFICATIONS:

Model No.	Gallons	Cat.	Volume of Air	Width	H.P. Req'd	Wt.
P55E1-600E-6V	150	II	9,125 C.F.M.	57"	70 H.P.	550#

SPRAYERS

Venturi Air, 3-Pt/Trailer - Designed so driveshaft is always straight in line



These Venturi Air Sprayers feature a special short turning radius design. The fan and distribution head is 3-point hitch mounted. The trailer assembly is attached to the fan assembly with a heavy duty double knuckle joint. The sprayer can "turn on a dime" with no stress or damage as the drive system is always straight. The sprayer shown is equipped with our unique 2 row distribution heads for spraying two complete rows with one pass. This cuts your spraying time in half, reducing labor, fuel, and wear and tear on your tractor/sprayer.

300 GAL. WITH OPT. DISTRIBUTION HEAD

These unique 3-point/trailer sprayers are the perfect units for narrow and short head land rows.



Developed especially for vineyards with short head lands.

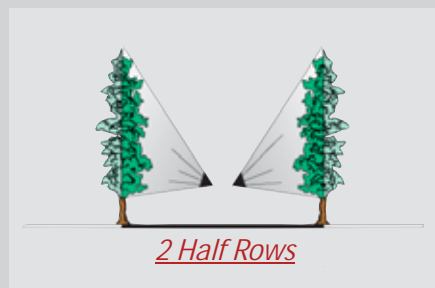
- Cat. I & II, 3-point hitch, P.T.O. 540 RPM
- Turns as sharp as your tractor
- Parking stands for 3-point and trailer assemblies
- High performance, precision balanced all steel, front mounted centrifugal fan
- Special molded polyethylene fan housing
- Translucent heavy walled polyethylene tank with hinged lid, sump, strainer basket and shower head

- Dual tank lids for safety, one for water and one for adding chemicals
- Simple efficient "Dial-A-Rate", 15 position metering disc
- Centrifugal pump - 37 G.P.M.
- The 200 gallon has one pump, 300 gallon has 2 pumps
- Dual agitation systems, liquid and air
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Power band fan speed-up is automatically adjusted by spring loaded idler
- Electro-valve controls allows operator to switch liquid to right, left or both sides spraying
- 8 Gallon fresh water safety tank

Model No.	Gallons	Volume of Air	Width	Length	Tire Size	H.P. Required	Wt.
L50N1-800	200 Gallons	4444 C.F.M.	43"	9'	9.5Lx15-8 Ply	48 H.P.	855#
L50S2-1200	300 Gallons	5000 C.F.M.	54"	9'	11Lx15-8 Ply	52 H.P.	960#

SPRAYERS

200 Gallon Trailer - For low horsepower tractors spraying narrow rows



Our **200 Gallon Trailer Mounted Sprayer** was developed for low horsepower tractors doing narrow row spraying. Tractors with P.T.O. horsepower of as low as 36 will handle this sprayer. The 48 inch overall sprayer width allows for operating in the narrowest of rows. Growers achieve the following additional benefits - spray atomization of droplets are smaller and more uniform, less fill-ups, even distribution of concentrated spray, complete foliage coverage, better product utilization, less chemical waste and soil/water contamination.

FEATURES:

- Trailer mounted, P.T.O. 540 R.P.M.
- Translucent heavy walled polyethylene tank with hinged lid, sump, strainer basket and shower head
- Unique polyethylene belly mounted air tubing to the distributor heads
- Dual tank lids for safety, one for water and one for adding chemicals
- Compact, rounded tank design permits traveling through vegetation without damaging it
- Adjustable tread width, facilitates matching sprayer tread with tractor tread
- Tongue with clevis hitch has length adjustment
- Simple, efficient "Dial-A-Rate", 15 position metering disc
- Dual agitation systems, liquid and air
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Built-in overrunning clutch to protect the tractor and sprayer drive train
- Power band fan speed-up is automatically adjusted by spring loaded idler
- Electro-valve controls to allow operator to switch liquid from off to right, left, or both sides spraying
- Built-in 8 gallon fresh water safety tank

SPECIFICATIONS:

Model No.	Gallons	Volume of Air	Width	Length	Tire Size	H.P. Required	Wt.
T45N1-800	200 Gallon	3180 C.F.M.	48"	10' - 5"	9.5Lx15-8 Ply	36 H.P.	910#

SPRAYERS

Venturi Air, 200 & 300 Gallon - For high production, accurate spraying



The ***Gearmore T50S 2 Row Venturi Air Sprayer*** covers two complete rows at one time so your spraying time is cut in half; reducing your labor, fuel, wear and tear on your tractor/sprayer, and since you are traveling every other row you will have less soil compaction. Plant coverage is greatly increased because the spray enters the foliage from opposite directions at the same time. Thus, chemical drift is greatly reduced as the spray is held in the foliage longer. The Venturi low volume spraying system also achieves these additional benefits: spray atomization of droplets are smaller and more uniform, even distribution of concentrated spray, better product utilization, less chemical waste and soil/water contamination and best of all less fill-ups.

2 ROW BOOM FEATURES:

- For 6 to 10 foot rows
- Total of 4 distribution heads with 4 Venturi nozzles on each head with individual shut off valves, rotating calibration discs and anti-drip valves
- Rear mounted height adjustable frame
- Two hydraulic cylinders with hoses for opening and closing horizontal booms

FEATURES:

- Molded polyethylene 200 or 300 gallon tank
- Sprayer operates with a low pressure centrifugal pump which produces 37 GPM at the normal operating pressure of 15 to 40 PSI
- Dual centrifugal pumps - 37 GPM for spraying and 37 GPM for agitation on 300 gallon only
- Air speed is 415 MPH at nozzles
- Wheels are adjustable up or down, front or rear, in or out to obtain the best balance
- Electro-valve system controls spray off or on, both sides spray, right or left only
- Separate water and chemical filling hatches keep chemical from being splashed out while filling
- No gearbox for fan speed-up, only a simple power band pulley system with overrunning clutch
- High speed turbine fan turns at 4320 RPM with air delivery of 4885 cu. ft. per minute
- Separate safety clean water 8 gallon tank for handwashing

Model #:	Gallons	Volume of Air	Width	Length	Tire Size	H.P. Req'd	Wt.
T50S2-800	200	4885 C.F.M.	42" to 50"	10'-5"	9.5Lx15-8 Ply	48	910#
T50S2-1200	300	4885 C.F.M.	54" to 74"	11'-7"	11Lx15-8 Ply	52	1020#

Dimensions are less 2 row distribution head

SPRAYERS

Trailer Models - Total plant coverage at lowest cost per acre

**"10 YEAR WARRANTY ON
POLYETHYLENE TRAILER TANKS"**

These unique *Venturi Air Sprayers* feature our most powerful high speed turbine fans and are the latest technology in low volume spraying.

Thus, growers achieve the following benefits: spray atomization of droplets are smaller and more uniform, less fill-ups, even distribution of concentrated spray, complete foliage coverage, better product utilization, less chemical waste and soil/water contamination.



**Optional Flotation
Tracks smooths out
the ride, floats over wet
ground and greatly
reduces compaction.**



500 GALLON



The sprayer is operating with 2 lower and 2 upper orchard distribution heads to insure coverage on the upper half of trees.

- High performance, precision balanced all steel, front mounted, centrifugal fan
- Translucent heavy walled polyethylene tank with hinged lid, sump, strainer basket and shower head
- Dual centrifugal pumps - 37 GPM for spraying and 37 GPM for agitation
- Dual agitation systems, liquid and air
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Broad range of Venturi distribution heads that produce 50 micron droplets and are specially designed to match a variety of foliage profiles
- Electro-valve controls to allow operator to switch liquid from off to right, left, or both sides spraying
- Built-in 8 gallon fresh water safety tank

Model No.	Gallons	Volume of Air	Width	Length	Tire Size	H.P. Required	Wt.
T55S2-1200	300 Gallon	8240 C.F.M.	55"	12'	11Lx15-8 Ply	60 H.P.	1020#
T55E2-1200	300 Gallon	9123 C.F.M.	55"	12'	11Lx15-8 Ply	66 H.P.	1020#
T55E2-2000	500 Gallon	9123 C.F.M.	71"	14'	12.5Lx15-10 Ply	74 H.P.	1320#

SPRAYERS

With Wrap-A-Round Booms - For high production, accurate spraying

500 GALLON SPRAYER SHOWN WITH "D" BOOM



*We custom build booms
and electro / hydraulic
controls to grower's
requirements*

Now available is a complete series of high strength **Wrap-A-Round Spray Booms**.

The booms feature extra strong framing with heavier support tubings to the sprayer frame.

The five hydraulic cylinders give total control on height adjustment, swing up for in row obstructions, and fold away for transport. The width adjustment is manual, optional electro cylinders operated from the tractor seat are available. These booms are available to spray two complete rows or two complete rows and two half rows. Boom controls require 5 rear remotes or Gearmore's optional electro over hydraulic kits. The booms are designed to fit the popular 300 and 500 gallon Venturi Air Sprayer.

- Sprayer features same as previous page
- Booms swing hydraulically from operational to closed position
- Booms fold forward for transport and lock
- Height adjustment is hydraulic
- Boom bottoms can be fitted with single or double 4 + 4 nozzles or fishtails
- Boom tops can be fitted with 4 + 4 nozzles, cannons, fishtails, or neither head

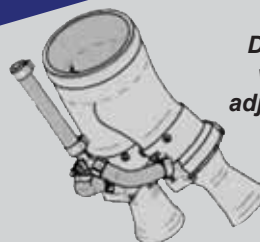


Boom Model No.	Sprayer Model No.	Gals.	No. of Rows	Nozzle Assy's	Row Space	Crop Max. Ht.	Boom Clearance	Nozzle Positions	Bottom Nozzles	Top Nozzles
TS56MB55M12 "A" Boom	T55E2-1200	300	2-Full 2-Half	6	7.5'-10'	7 ft.	8 ½ ft.	Bottom Only	4 Outlet Head	None
TS56MC55D12 "A" Boom	T55E2-2000	500	2-Full 2-Half	6	9.5'-13'	8 ft.	9 ½ ft.	Bottom Only	4 Outlet Head	None
TS54M4CC55D12 "B" Boom	T55E2-2000	500	2-Full	8	9.5'-13'	8 ft.	9 ½ ft.	Top & Bottom	4 Outlet Head	Cannons
TS512MC55D12 "D" Boom	T55E2-2000	500	2-Full 2-Half	12	9.5'-13'	8 ft.	9 ½ ft.	Top & Bottom	4 Outlet Head Bottom & Top	
TS52V4V6V55D12 Hedge Row	T55E2-2000	500	2-Full	12	9.5'-13'	8 ft.	9 ½ ft.	Top, Center & Bottom	Fishtail Head Bottom, Center & Top	

SPRAYERS

Venturi Air Boom - Achieve total plant coverage on field crops

27' Boom SPRAYER SHOWN



*Distribution outlet
with two nozzles,
adjustable in height
and width, and
revolving in all
directions*

FEATURES:

- Nozzles break down spray to fog size (50 microns) droplets which penetrate in and around all areas of each plant
- Air movement allows chemical to completely cover vegetation, especially the underside of leaves
- Volume as low as 5 gallons per acre results in fewer refilling stops and more acres covered per day
- Spray drift is reduced by 50% to 75%.
- Boom has breakaway and hydraulic fold away features to prevent damage and for transport
- Boom raises and lowers hydraulically for different crop heights, independent of the sprayer
- Boom nozzles are completely adjustable in width and angle for maximum coverage
- Chemicals only come in contact with plastic, rubber, and stainless steel parts

- Tank:** Translucent polyethylene 150 gal. with hatch & strainer basket
- Agitation:** Adjustable liquid bypass, and air from fan when required
- Drive:** 540 RPM P.T.O. driven with belt drive to fan and pump with overrunning clutch
- Nozzles:** "No drip" system on each nozzle and individual liquid shut-off by hand, replaceable stainless steel discs and screens
- Controls:** Electro-valve controls allows operator to switch liquid from off to right, left or center
- Filtration System:** 3 Stages - at filler, at pump, and at nozzles
- Fan:** Centrifugal type w/PVC housing
- Pump:** Centrifugal with maximum 37 GPM
- Sight Gauges:** In tank and tubing
- Pressure Gauge:** 0 to 80 P.S.I. in liquid case to reduce vibration and extend life

40' Boom Sprayer Shown



Models:	Boom Width	Rows	No. of Nozzles	Boom Design	Tank Cap.	Fan Dia.	Fan (RPM)	Volume of Air	Air Speed at Foliage	Controls	Min. Tr. HP	Wt.
P45N-400-23	23'	5	2+2=20	Galvanized Tubing	100 Gal.	17.75"	4000	3180	10-50 MPH	Liquid	32 H.P.	700#
P50S-600-27	27'	8	2+2=32	Galvanized Tubing	150 Gal.	19.75"	4320	4875	10-50 MPH	Electro Valve	52 H.P.	1230#
P55E1-600-40S	40'	7	2+3+2=49	Galvanized Tubing	150 Gal.	21.75"	3900	9123	10-50 MPH	Electro Valve	64 H.P.	1800#
P55E1-600-40	40'	12	2+2=48	Galvanized Tubing	150 Gal.	21.75"	3900	9123	10-50 MPH	Electro Valve	64 H.P.	1800#

SPREADERS

3-Pt./Trailer Spinner Spreaders - 3-Pt, PTO & ground driven w/PVC hoppers

Our **3-Point Hitch Spreaders** feature a strong, corrosion proof PVC hopper. These spinner units have double levers and stainless steel slides which allow for spreading at 180° or 90° to the right or left. They are ideal for even spreading fertilizer, seed, salt, and other flowable materials.

3-PT. SEEDER/SPREADERS



- Cat. I, 3-point hitch, 540 PTO
- Corrosion proof PVC hopper
- Stainless steel spreading disc with 4 stainless steel fins
- Steel oil tight gearbox with grease zerk
- Extended handle for engaging & disengaging
- Choice of 3 spread patterns: full rear, left or right side
- Effective spreading width from 20' to 46'
- Built in rear hitch
- Adjustable uniform rates from 20 to 900 lbs./acre

OPTIONS:

- ~ Larger extended hopper agitator
- ~ One and two row band spreader attachments

Model No.	Capacity		Overall Height	Wt.
	Lbs.	Cu. Ft.		
PL180	480 lbs.	5.8 cu. ft.	36"	120#
PL500	1000 lbs.	12.3 cu. ft.	45"	140#

TRAILER MOUNTED SEEDER/SPREADERS

Our **Seeder/Spreader** is a self contained, towable implement that can be operated by almost any vehicle. This unit has a ground driven, cast iron, oil bath gearbox that can be disengaged when transporting. It is ideal for spreading seed, fertilizer, sand, and salt. The large 16" diameter x 6.5" wide tires make this a "Turf Friendly" implement. This spreader is a handy tool for farmers, landscapers, and homeowners.



- Ground wheel driven
- Corrosion proof PVC hopper
- Cast iron, oil bath gearbox
- Gearbox disengages for transport
- Stainless steel spreading disc with 4 stainless steel fins
- Extended handle for engaging and disengaging material flow
- 16 x 6.5-8 Ply turf tires
- 1 7/8" Ball hitch
- Spreading widths from 20' to 46'
- 3 Spread patterns:
 - ~ full rear
 - ~ left side
 - ~ right side

Model No.	Capacity		Height	Width	Depth	Wt.
	Lbs.	Cu. Ft.				
PTP180-P	480 lbs.	5.8 cu. ft.	51"	41"	59"	175#
PTP300-P	765 lbs.	9.2 cu. ft.	51"	41"	59"	185#

SPREADERS

Spinner Spreaders - High capacity, 3-pt. PTO driven

SINGLE SPINNER



Our high capacity **3-Point Spreader** features a stainless steel, single spinner disc with 6 stainless steel vanes. Spreaders have a heavy duty stamped and ribbed frame. All metal hoppers and frames have special phosphated undercoat, then epoxy powder painted and baked at 300 degrees to insure long life. The spreader can be set at 180°, 90° right, or 90° left spreading pattern.

SPECIFICATIONS:

Model No.	Capacity		Height	Width	Depth	Wt.
	Lbs.	Cu. Ft.				
RT-800	1700 lbs.	28 cu. ft.	40"	59"	53"	345#

FEATURES:

- Cat. II, 3-point hitch
- Low loading height
- Sturdy stamped and ribbed steel frame
- Manual levers control on and off
- 6 Fins spreading disc for even spreading width
- Spreading width from 32' to 59'

DOUBLE SPINNER



Our two **3-Point Spreaders** feature dual stainless steel spinner discs, which are extremely accurate with only 6.7% variance across the spread pattern. The spreaders are supplied with hydraulic controls. The new 41" width model is for narrow row vineyards and other narrow row crops.

Shown With Optional 2 Row Band Spreader Attachment

SPECIFICATIONS:

Model No.	Capacity		Height	Width	Depth	Wt.
	Lbs.	Cu. Ft.				
RE-1000	2300 lbs.	35 cu. ft.	45"	59"	51"	450#

FEATURES:

- Cat. I & II, 3-point hitch
- Hydraulic cylinder controls, off and on
- Stainless steel construction
- Two stainless steel disc with 3 vanes each
- Spreading width from 30 to 50 feet
- Easy on and off band spread attachment for exact material placement
- Two row band spreader attachment - 66" wide

SPREADERS

Compost and Pull Type - Composting crops effectively increases yields

This unique **Compost Spreader** is able to spread a wide range of materials such as: compost, peat, concentrated manure, lime, gypsum, dried grape pomace and other types of fertilizer. The spreader was designed for two different spreading operations. You can broadcast spread and add the side conveyor for band spreading. Features are built into the spreader to achieve the application of this large group of products. Patented two gearbox system, one to power the spinner and a second gearbox geared to a low R.P.M. for the agitator.

COMPOST SPREADER



FEATURES:

- Cat. I & II, 3-point hitch, 540 RPM P.T.O.
- Spinner turns at 718 RPM and the agitator turns at 77 RPM
- Hydraulic cylinder for on and off
- For tractors 50 to 150 HP, capacity - 35.3 cu. ft.
- Spread width 20 to 45 ft., up to 12 ft. with band spread attachment
- Agitation blades for light compost

OPTION:

- ~ Stainless steel side band attachment
- ~ Stainless steel rear drop discharge

SPECIFICATIONS:

Model No.	Capacity	Width	Depth	Height	Wt.
SCU-N1000	2000 lbs.	48"	64"	55"	780#

Our **Seeder/Spreader** is a self contained, towable implement that can be operated by almost any vehicle. This unit has a ground driven, cast iron, gearbox that can be disengaged when transporting. It is ideal for spreading seed, fertilizer, sand, and salt. The large 20" diameter x 10 wide tires make this a "Turf Friendly" implement. The spreader features a cable control that allows the operator to adjust spread rate and turn the spreader on and off from the vehicle seat. This is a popular, low cost spreader for golf courses, parks, sport fields, and turf farms.

PULL TYPE SEEDER/SPREADER



FEATURES:

- Remote cable control from vehicle
- Agitators to prevent bridging
- 20 x 10:00 - 8 tires
- Full width or spreading to one side
- Height adjustment on 2" ball hitch

OPTIONS:

- ~ Clevis type hitch
- ~ Secondary chain agitator
- ~ Canvas hopper cover
- ~ Cable control mounting bracket
- ~ Remote hopper vibrator

SPECIFICATIONS:

Model No.	Capacity		Spreading Width	Machine			Wt.
	Lbs.	Cu. Ft.		Height	Width	Depth	
PTB560	1070 lbs.	14.2 cu. ft.	Max. 52'	51"	65"	96"	310#

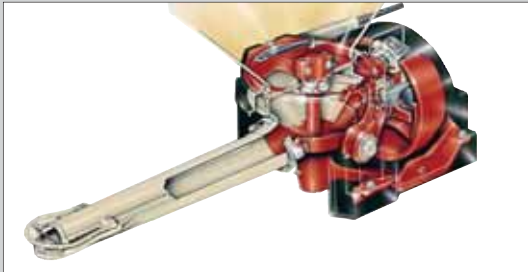
SPREADERS

Pendulum Spreaders - achieves accurate placement of fertilizers and seeds

MODEL PDC400



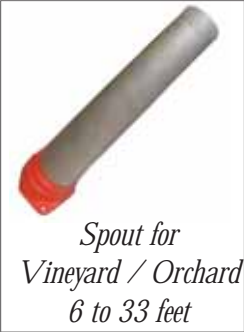
Our line of *Pendulum Spreaders* feature an advanced mechanism with regulating key which allows for quickly setting the spread pattern. Other features are exact rate/spread control, quick change spouts, low filling heights, and easy maintenance. The model PDC400 has a molded plastic hopper, all other models have formed fiberglass hoppers. The spreading width with the standard spout is 20 to 46 feet. A large variety of spouts are available for standard broadcast, narrow row and wide row vineyards and orchards. Hopper capacities from 925 to 2000 pounds.



*Spout for
Vineyard spreading
6 to 13 feet*



*Spout for
Narrow spreading
3 to 14 feet*



*Spout for
Vineyard / Orchard
6 to 33 feet*



*Agitator
#619041*

The above spouts fit all models

MODEL PDV500



SPECIFICATIONS:

Model No.	Hitch Category	Capacity		Overall Width	Overall Height	Wt.
		Lbs.	Cu. Ft.			
PDC400	Cat. I	925 lbs.	13.6 cu. ft.	46"	47"	225#
PDV500	Cat. I & II	1155 lbs.	17 cu. ft.	54"	36"	290#
PDV600	Cat. I & II	1450 lbs.	20.5 cu. ft.	54"	40"	315#
PDHV800	Cat. II	2000 lbs.	32 cu. ft.	74"	40"	375#

SPREADERS, MANURE

Many Unique Features - Best warranties in the industry



Key Conestoga features unavailable from the competition are:

- "Cor-ten" copper bearing steel is used to provide atmospheric corrosion resistance four times that of plain carbon steel, for longer service life
- Conestoga boxes are of all-welded construction, chemically washed, painted with epoxy primer, and finished with a highly corrosion resistant, two-part urethane paint
- All Conestoga spreaders come standard with our own design, STAINLESS STEEL, T-rod apron chain, which provides superior durability and service life
- Beater paddles are a rooster comb design and are bolted on so they can be replaced when wear does occur
- Conestoga spreaders are designed with 12 paddles, more than the competition

Outstanding features allows Conestoga to give the best warranties in the industry:

- "10 Years" on the spreader box
- "Lifetime" on the poly floor
- "3 years" for defect in material and workmanship
- C25 & C50 come with upper beaters

Model No.	C-25	C-50	C-50 PTO	C-80 PTO	C-125 PTO	C-175 PTO
Capacity:	20 cu. ft.	38 cu. ft.	38 cu. ft.	58 cu. ft.	85 cu. ft.	115 cu. ft.
No. of Horses:	1 - 5	4 - 6	4 - 6	5 - 10	10 - 25	20 +
Drive:	2 Wheel Ground Drive		540 RPM P.T.O.			
Overall Length:	118"	142"	142"	168"	198"	212"
Overall Width:	49.75"	60"	57"	65"	76"	80"
Loading Height:	28"	33"	33"	36"	43"	45"
Weight:	600 lbs.	825 lbs.	825 lbs.	950 lbs.	1,700 lbs.	1,900 lbs.

Manufactured by:



SWEEPERS

Contact Us For Complete Catalog - Many more models available

Rear Mount



Rear Mount Sweepers mount to rear 3-point of compact and industrial tractors. Mechanical or hydraulic brush drive. Manual and hydraulic angle change 30° left/right available. Sweeps forward and windrows debris outside of rear tires on paved and turf areas. Pulling action cleans thatch without damaging grass. Brush rotation can be reversed for operation backing up. Brush widths from 4 ft. to 8 ft.

Pick-Up Sweeper



The Standard Pick-up Brooms clean up in construction, municipal and industrial applications. The 26" diameter brushes come in poly, wire or half of each. Options available are: sprinkler system and gutter brush. The Cold Planer Special has special compacted dense wafer brushes the width of the cold planer cut. These wafers do not flex as much as the balance of the brush, thus it cleans out the milled grooves.

Compact Front Mount



Compact Front Mount Sweepers mount to commercial turf mowers, compact utility tractors and industrial loaders. Available in a hydraulic or mechanical brush drive, with manual or hydraulic angle change 30° left/right. Keep your tractor and sweeper busy all year sweeping snow, dirt, thatch, and leaves. Brush widths from 4 ft. to 8 ft.

Angle Sweeper



Angle Sweepers mount to skid steer loaders and is available for mounting on utility tractor loaders. Hydraulic brush drive, with manual or hydraulic angle change 30° left/right available. Single or dual motor configurations are available. Brush is equipped with a quick change core for easy brush change. Heavy duty design with quick attach mounting. Brush widths from 5 ft. to 8 ft.

Marketed by Gearmore, Inc.



ROTARY TILLERS

"B" Series - For compact tractors 15 - 35 horsepower

These compact **"B" Series** tillers are quality constructed units that are built to last. The adjustable skid shoes control the cutting depth while the rear tailboard controls the soil mix. The tiller is equipped with a slip clutch to protect the tiller and tractor. Ideal for preparing seedbeds, renovating pastures, and other tillage uses. The tiller provides uniform mix throughout the cultivated depth.

- Cat. I, 3-point hitch
- 7" Approximate tilling depth
- One speed gearbox, 540 RPM
- 80# Heavy duty roller chain
- Slip clutch driveshaft protects tractor & tiller drive system
- Curved saber style, heat treated, long wearing tines
- 6 Tines mounted on each rotor plate for maximum tilling action
- Tines staggered in scroll design for easy soil penetration
- Side mounted skids for depth control



Model No.	Tilling Width	Overall Width	No. of Tines	Approx. H.P.	Wt.
B100	40"	44"	30	20 HP	300#
B120	48"	52"	36	25 HP	335#

ROTARY TILLERS

"C" Series - For compact tractors 20 to 45 HP

Our **"C" Series** has a number of special features that are standard, such as; slip clutch, all gear final drive, 6 tines per rotor plate, and heavy A.S.A.E. quick hitch A-frame. Excellent tiller for vegetable growers, landscapers, nurseries, vineyards, and general maintenance operations.

- Strong, smooth running, all gear final drive
- Slip clutch driveshaft to protect tractor and tiller drive system
- Curved saber style, heat treated, long wearing tines
- 6 Tines mounted on each rotor plate for maximum tilling action
- Tines staggered in scroll design for easy soil penetration
- Powder coated, baked-on paint to reduce corrosion
- Cat. I, 3-point hitch
- 8" Approximate tilling depth
- One speed gearbox, 540 RPM



Model No.	Tilling Width	Overall Width	No. of Tines	Approx. H.P.	Wt.
C85	34"	38"	24	20 HP	450#
C105	42"	46"	30	25 HP	485#
C125	50"	54"	36	30 HP	510#
C145	56"	60"	42	35 HP	545#
C165	65"	69"	48	40 HP	590#
C185	72"	76"	54	45 HP	640#

ROTARY TILLERS

"E" Series - For tractors 20 to 50 horsepower



Reverse Rotation E Series in 60" and 72" tilling widths. The counter rotation greatly aids in operating in hard ground. The reverse rotation achieves more depth and pulverizes the soil, plus buries clods, stones and debris. Ideal for preparation of seedbeds, renovation of pastures, orchards, vineyards and mulching-in cover crops and stubble. Provides uniform mixture through-out cultivated depth. Produces loose textured soil that holds moisture, reduces erosion.



Reverse Rotation

Model No.	Tilling Width	Overall Width	No. of Tines	Approx. H.P.	Wt.
E48	48"	53"	36	20-35 HP	600#
E60	60"	65"	42	25-40 HP	690#
E72	72"	77"	54	35-45 HP	780#
E84	84"	89"	66	50-70 HP	805#
E60R*	60"	65"	42	40-45 HP	710#
E72R*	72"	77"	54	45-50 HP	800#

*R - Reverse Rotation

- Connects to 3-point., Cat. I, 540 R.P.M. tractors - 7' Cat I & II
- All gear, final drive
- Rugged construction for long life
- Heat treated, long wearing tines
- 6 - L shaped tines per flange
- Adjustable skids for depth control
- Torque tube frame to absorb shock loads
- Driveshaft with slip clutch
- Up to 70 H.P. - E84 only

ROTARY TILLERS

"N" Series - For tractors 40 to 70 horsepower



These medium duty **"N" Series** tillers feature a smooth running, all gear drive system. Powered through a heavy 70 horsepower gearbox to an all gear final drive. The tilling action provides a uniform mixture throughout the cultivated depth. Producing loose textured soil that holds moisture and reduces erosion. These are the ideal tillers for farm, vineyard, orchards, landscapers, nurseries, etc.

Model No.	Tilling Width	Overall Width	No. of Tines	Approx. H.P.	Wt.
N130	51"	57"	30	40 HP	780#
N155	61"	67"	36	50 HP	895#
N180	71"	77"	42	60 HP	970#
N205	81"	87"	48	70 HP	1045#

- Cat. I & II, 3-point hitch
- 8" Approximate tilling depth
- One speed gearbox, 540 RPM
- Strong, smooth running, all gear final drive
- Slip clutch driveshaft to protect tractor and tiller drive system
- Curved saber style, heat treated, long wearing tines
- Tines staggered in scroll design for easy soil penetration
- Powder coated, baked-on paint to reduce corrosion
- Side mounted skids for depth control

ROTARY TILLERS

"S" Series - For tractors 50 to 90 horsepower

These **"S" Series Tillers** were designed for high usage in agricultural and industrial applications. At a depth of 8 inches, the saber tines produce a uniform mixture of loose, textured soil that holds moisture and reduces erosion. These tillers are extremely well built, with 4 speed gearbox, all gear final drive and slip clutch driveshaft for heavy duty use. There is no better tool for preparation of seedbeds.

Cat. II
A.S.A.E.
Quick Hitch
Compatible



- Cat. II fixed center mount
- 90 HP, 4 speed gearbox
- 4-speeds at 540 RPM
- All gear final drive
- Slip clutch driveshaft
- 6 Tines on each rotor plate - staggered
- Torque tubing frame to absorb shock loads
- Adjustable skids for depth control

OPTION:

- ~ 2 Speed 1000 RPM gears

Model No.	Tilling Width	Overall Width	No. of Tines	Approx. H.P.	Wt.
S160-CT	63"	68"	36	50 HP	1066#
S180-CT	73"	78"	42	60 HP	1255#
S205-CT	83"	89"	48	70 HP	1350#
S230-CT	92"	99"	54	80 HP	1430#
S255-CT	102"	107"	60	90 HP	1490#

CT in model number stands for Tungsten Coated Tines

These **"T" Series Tillers** were designed for high horsepower tractors to produce a finished seedbed in a single pass. For crops such as vegetables, timing is everything. The basic plow, disc, cultivator tilling operation requires too many passes, wasted fuel, and causes excessive compaction. At a depth of 10 inches, the saber tines produce a uniform mixture of loose, textured soil that holds moisture and reduces erosion. There is no better tool for preparation of seedbeds and incorporating crop residue.

ROTARY TILLERS

"T" Series - For tractors 90 to 160 horsepower



Standard On All S & T Series Tillers:

- New super alloy tungsten carbide tines
- Bonded coating placed on the area of normal tine wear
- The "Rockwell" hardness of 70, which is the maximum hardness for tine wear
- Guaranteed to double the life over standard tines with normal life of 3 to 4 times longer wearing.
- 10" Approximate tilling depth
- 4 Speed gearbox - 2 speeds @ 540 RPM & 2 speeds @ 1000 RPM
- Strong, smooth running, all gear final drive
- Curved, saber style heat treated, long wearing tines
- Slip clutch driveshaft to protect tractor and tiller drive system
- Side mounted skids for depth control
- 6 Tines mounted on each rotor plate for maximum tilling action
- Large, oil bath, long wearing rotor bearings
- Cat. II, 3-point hitch

Model No.	Tilling Width	Overall Width	No. of Tines	Approx. H.P.	Wt.
T230-CT	90"	97"	54	90-100	2140#
T280-CT	110"	117"	66	100-120	2205#
T305-CT	120"	127"	72	110-160	2275#
T355-CT	140"	147"	84	120-160	2415#

INCORPORATORS

Rotary Tillers - For vineyards and hedge row orchards

MODEL S160RR-CT



Tractors have to make many passes through vineyards and orchards. Now, with heavy harvesters used in vineyards and narrow row (high density) orchards it causes even more deep ruts and compaction.

Our *Incorporator* tills, buries weeds and other organic material for decomposition. The incorporator then levels out the soil, rolls and lightly firms for appearance and additional traffic.



O.E.M. Tines

Tillers Feature Bonded Tungsten Coated Tines



Levels, Rolls & Lightly Firms Vineyard Floor



Cleaned, Tilled & Rolled Orchard Floor

REAR ROLLER FEATURES:

- 16" Dia. x ¼" thick wall steel tubing roller with adjustable mud scraper
- Easy to bolt up to standard S tiller
- Roller is 6" wider than side plates to eliminate ridges
- 2" Diameter solid bearing shaft
- ½" Thick bolt-on plates between tiller and tailboard to contain soil
- 4 Tailboard turnbuckles to hold the tailboard in place for releasing the exact amount of soil to the roller to obtain exact required compaction
- Turnbuckle roller adjustment with no tools
- Heavy 1" x 3" roller mounting brackets

See page 87 for "S" tiller specifications.

NOTE: *Due to the weight of the tiller with roller, you may need front weights on the tractor.*

Model No.	Tilling Width	Overall Width	No. of Tines	Max. H.P.	Wt.
S160RR-CT	5'-3" (63")	5'-9" (69")	36	90	1900#
S180RR-CT	6'-1" (73")	6'-6" (78")	42	90	2090#

ROTARY TILLERS

Orchard Incorporators - For year round floor maintenance

An important application for these tillers with rear rollers is to bury wood chips by tilling 2 to 3 inches deep. The roller then slightly compacts and smooths out the orchard floor. The wood chips will decompose at a faster rate and the rolled out area is then in better condition for the harvesters. The University of California Cooperative Extension recommended keeping wood chips and shreddings in the orchards. They also stated that if well managed, prunings can become a source of organic matter and nutrients in the soil. Growers have found many more uses for the Incorporators. Such as - tilling out tire tracks, mulching in weeds and general floor maintenance.

MODEL T305RR-CT



T Tiller with Full Width Top Mast



Cleaned, Tilled, and Rolled Orchard Floor



Quick change speeds on 4 Speed Gearbox



O.E.M. Tines
Tillers Feature Bonded Tungsten Coated Tines

REAR ROLLER FEATURES:

- 16" or 18" Dia. x 1/4" thick wall steel tubing roller with adjustable mud scraper
- Turnbuckle roller adjustment to obtain exact required compaction with no tools needed
- Easy to bolt up to standard T tiller
- Roller is 6" wider than side plates to eliminate ridges
- 2" Diameter solid bearing shaft
- 1/2" Thick bolt-on plates between tiller and tailboard to contain soil
- 4 Tailboard turnbuckles to hold the tailboard in place for releasing the exact amount of soil to the roller
- Heavy 1" x 3" roller mounting brackets

See page 87 for "S" & "T" tiller specifications.

SPECIFICATIONS:

MODEL #	TILLING WIDTH	ROLLER WIDTH	ROLLER DIAMETER	NO. OF TINES	GEARBOX HORSEPOWER	WEIGHT
S255RR-CT	8'-6" (102")	9'-6" (120")	16"	60	90	2850#
T305RR-CT	10' (120")	11' (132")	18"	72	160	3375#
T355RR-CT	11'-8" (140")	12'-8" (152")	18"	84	160	4080#

SAWHEAD

L.E.M.® Sawhead - For extreme duty pruning



FEATURES:

- 4 - 24" diameter stainless steel saw blades
- Total cutting length of 80"
- 45 cc hydraulic motor requires 24 to 37 GPM, maximum pressure 3000 PSI
- Saw blades turn at a maximum of 2600 RPM
- The body of the saw blades is made of rust proof anodized material which is lightweight but stronger than steel
- Equipped with universal hydraulic block for limiting the cutting rotation speed of the blades
- Special centralized greasing system to each saw blade bearing
- The sawheads are also available in 2 or 3 blades

The L.E.M.® Sawhead module was designed for mounting to many different types of equipment such as: tractors with front loaders, skid steer tractors, compact excavators etc. This Sawhead comes with a heavy 4" square beam for mounting. The body of the Sawhead is made of rust proof anodized material which is light weight, but stronger than steel. This housing module will not deform.

Marketed by Gearmore, Inc.



SPECIFICATIONS:

Order Code:	Model No.	Description	Capacity	Hydraulics	Weight
5812.9007	LEM6004	Sawblade, 4 Blades	6" max.	24 to 37 GPM	555 lbs.

TRAILERS

Dump Trailers - Capacities of 1 ½ to 8 ton, rear and 3-way dump

Our Gearmore **Dump Trailers** offer 5 sizes and capacities to choose from, in rear and 3-way dump. We offer models in single and tandem axle with rear hinged tailgates on all models for ease in dumping. All our models offer foldaway tongue jacks and swivel clevis type hitches. Any user who needs to "haul and dump" will find these trailers save time and money. Some of the popular uses are golf courses, parks, cemeteries, landscapers, growers and ranchers.

OPTION:

- ~ Central door with adjustable gate for 5 & 8 ton trailers



1 ½ TON REAR DUMP



2 ½ TON REAR DUMP



4 TON 3-WAY DUMP



5 TON 3-WAY DUMP



8 TON REAR DUMP

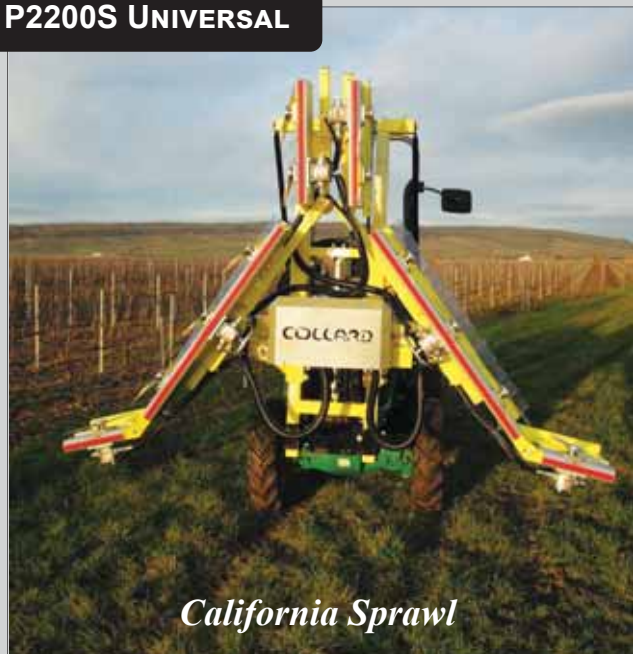


Model:	1.5T50X72	2.5T60X96	4T63X99	5T63X99	8T60X120
Cap. Wt:	1.5 Ton	2.5 Ton	4 Ton	5 Ton	8 Ton
Capacity:	35 cu. ft.	77 cu. ft.	2.5 cu.yd.	2.5 cu.yd.	3.5 cu.yd.
Tire Size:	18x9.5-8	23x10.5-12	11L x 15	11L x 15	11L x 15
# of Tires:	4	4	2	4	4
Weight:	850#	1500#	1825#	1900#	2060#
Bed Width:	50"	60"	63"	63"	60"
Bed Length:	70"	94"	99"	99"	120"
Bed Height:	21"	30"	33"	33"	31"
Bed Floor:	12 Gs.	¾" Plate	¾" Plate	¾" Plate	¾" Plate
Overall Width:	54"	64"	68"	66"	88"
Overall Length:	8' 6"	11' 8"	11' 6"	11' 6"	13' 8"
Overall Height:	34"	52"	61"	61"	61"
Dump Angle:	45°	45°	45°	45°	45°
Side Panels:	13" High	14" High	14" High	14" High	16" High
Rear Panel:	14" High	19" High	18" High	18" High	24" High
Front Panel:	13" High	19" High	18" High	18" High	24" High

VINE TRIMMERS

For Vineyards - Fits many different trellis systems

P2200S UNIVERSAL



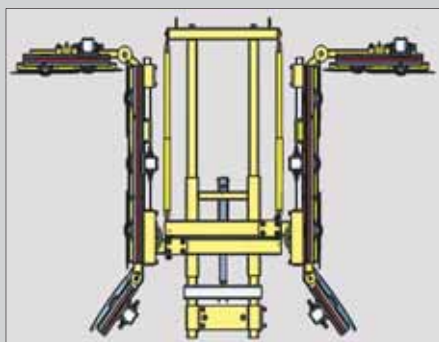
California Sprawl

The new **P2200S Universal Vine Trimmer** was developed to be adjustable for a number of different trellis systems. This Vine Trimmer can be set for Vertical Shoot Positioned (VSP), Gable Trellis, California Sprawl and Double Cross arm Trellis Systems.

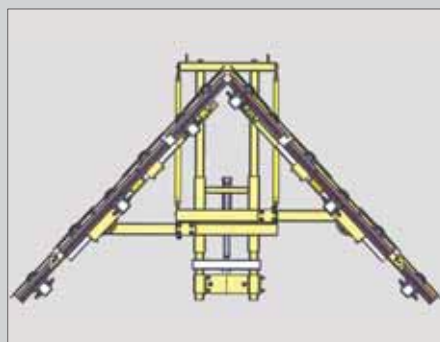
The heart of the COLLARD trimmers is the unique lightweight aluminum alloy element that provides a rugged, rustproof framework for the cutting blades. The exclusive saber shaped, non-clogging stainless steel blades never need sharpening. Our trimmers eliminate excess vine growth, open canopies for better air circulation and greatly improve spray and dust penetration.

COLLARD designed the first vine trimmers and continues to be the world leader in vine trimmers.

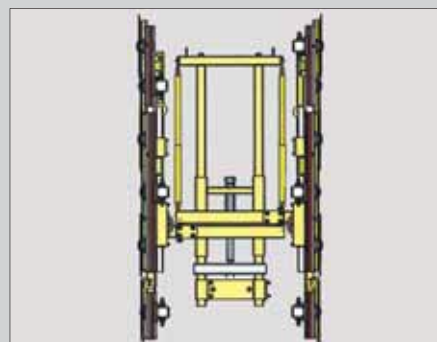
Order Code	Model Number	Vertical Cut	No. of Blades	No. of Hyd. Motors	Row Width Adjustment	Weight
0113 4400	P2200S/Universal	63" to 98"	12	6	53" to 88"	1200 #



VERTICAL SHOOT POSITION (VSP)



DOUBLE CROSSARM TRELLIS SYSTEM



QUAD TRELLIS SYSTEM

- Heavy duty reinforced, modular frame construction
- Total adjustments to fit many different trellis systems
- Adjustable hydraulic motor driven skirts can be set at 45° angle or vertical
- "State of the Art" hydraulic motors to insure long life
- Unique hose track "E" system for hose protection
- Blades turn at 2200 R.P.M., ensures clean cane ends, which dry and seal neatly to reduce the risk of disease
- Equipped with electro-hydraulic joystick controls for precise trimmer adjustments
- High speed stainless steel blades, self cleaning and never need sharpening
- Trimmers come with all hoses, fittings and JIC couplers

Marketed by Gearmore, Inc.



VINE TRIMMERS

For Vineyards - Profilmatic® high speed rotary blade trimming

COLLARD designed the first vine trimmers, and continues to be the World leader in trimmers. The heart of **COLLARD Trimmers** is the unique lightweight aluminum alloy element that provides a rugged, rust proof framework for the cutting blades.

The P2200 Series are the most popular models as they trim two half rows. Some of these models have the added feature of adjustable bottom skirting blades, which ensures under row vegetation is cut perfectly. Other models are available for trimming half rows, one complete row and two complete rows. Our trimmers eliminate excess vine growth, open canopies for better air circulation and greatly improve spray and dust penetration.



FEATURES - P2200S:

- Heavy duty forklift style frame
- Trims two half rows
- Frame cutting blades adjustable from 4' to 9'
- Equipped with electro-hydraulic joystick controls for precise trimmer adjustment
- Strong, but lightweight and easy to operate
- Vertical breakaway system to protect trimmer and tractor
- High speed stainless steel blades, self cleaning and never need sharpening
- Adjustable angle motor driven skirts
- Blades turn at 2200 RPM ensures clean cane ends which dry and seals neatly to reduce the risk of disease
- Requires hyd. capacity of 5.2 GPM at 2200 PSI
- Machines have a wide range of adjustments for setting trimmers to operator's exact requirements
- Trimmers have both mechanical and hydraulic protection on side and topping blade assemblies
- Hydraulic cylinders are fitted with load/hold check valves for safety in case a hose fails
- Trimmers come with all hoses, fittings and JIC couplers
- Other models are available for half row, one complete row, and two complete rows - split frame trimmer is available for terraced vineyard
- Front mountings are available for most popular tractors

1 half row



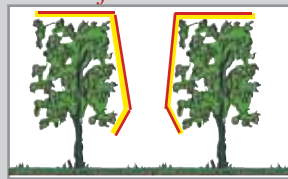
1 complete row



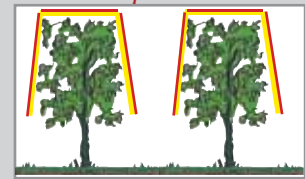
2 half rows



2 half rows w/skirts



2 complete rows



Model No.	Description	Width Adjustment	Cutting Height	Cutting Tops	Weight
P2200S	Trimmer with Skirts	49" to 108"	63"	30.7"	790#



Patented Stainless Steel Blades

Marketed by Gearmore, Inc.



VINE TRIMMERS

For Vineyards - Trims 2 complete rows in one pass

NEW

P3200X SERIES



SPECIFICATIONS:

Order Code	Model No.	Description	Weight
0143 0000 1700 2640	P3200X	2 Row Vine Trimmer	1,760#

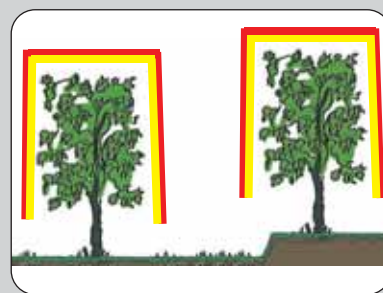
SPECIAL FEATURES:

- Designed to mount on tractors with front mounted Cat. 2, 3-pt. hitch makes for a stronger mount and easy mounting and removing for the tractor
- Trimmer has a built in oil cooler system to prevent tractor oil overheating
- Unique parallelogram linkage to hydraulically adjust row width from 6 to 10 feet
- The new linkage system now gives total visibility
- The cutting heads will raise independently 2 feet above grade for terraced vineyards

STANDARD FEATURES:

- Heavy duty modular frame construction
- Vertical breakaway system to protect the trimmer and tractor
- Flow limiter for motor controls
- Smooth, thin line blade transmission for easy movement through the foliage
- Rigid deflectors so cut material is thrown away from the operator
- Wide range of adjustments for setting trimmers to operator's exact requirements
- Blades turn at 2200 R.P.M., ensures clean cane ends, which dry and seal neatly to reduce the risk of disease

This "NEW" *Vine Trimmer* trims two complete rows in one pass. Thus, it cuts trimming time in half versus the standard two half row trimmers. This vine trimmer has a number of unique features: designed for tractors that have the optional front mounted Cat. 2, 3-point hitch, making the trimmer stronger, easy mounting and disconnect; built in oil cooler system to prevent tractor oil overheating; parallelogram linkage to hydraulic adjust row widths; linkage system for greater visibility and will trim terraced vineyard up to 2 feet above grade. The heart of the COLLARD Trimmers is the unique lightweight aluminum alloy element that provides a rugged, rustproof framework for the cutting blades. Our trimmers eliminate excess vine growth, open canopies for better air circulation and greatly improve spray and dust penetration.



Trims both flat land and terraced vineyards

- Equipped with electro-hydraulic joystick controls for precise trimmer adjustments
- Trimmers come with all hoses fittings & JIC couplers

Marketed by Gearmore, Inc.



COLLARD®

VINE TRIMMERS

For Vineyards - Complete range of vine trimmers



Model P1100
Trims Half Rows



Model P3000 LZP
Trims 1 Complete Row



Model P2200
Trims 2 Half Rows



Model P2200S
Trims 2 Half Rows, Plus Skirts



Model P2200TS
Trims 2 Half Rows, Terraced Vineyard



Model P3200I
Trims 2 Complete Rows

DESIGNED FOR TRIMMING

The aerodynamic shape of this profiled body was designed to facilitate more efficient penetration of the Trimmer **PROFILMATIC®** into the canopy, this profile also improves the fluid discharge of cut material.

RIGID BLADE ELEMENT (COLLARD patent)

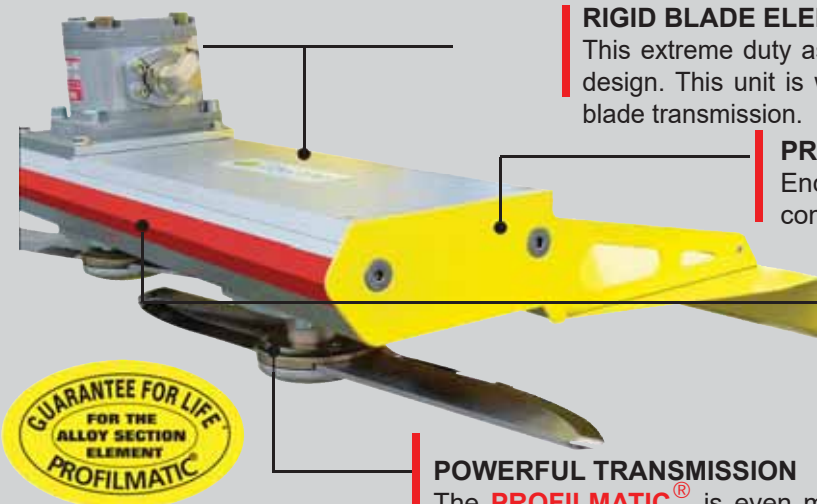
This extreme duty assembly is nearly indestructible due to the unique design. This unit is without equal and guarantees the reliability of the blade transmission.

PROTECTED TRANSMISSION

Enclosed by a special cover, the transmission is completely protected against debris, dust, rain, etc.

SHOCK ABSORPTION

The leading edge of this section is made of synthetic material, it absorbs possible shocks, recessed screws of connection between the modules, ensures a smoother profile which facilitates the smooth evacuation of cut material.



POWERFUL TRANSMISSION

The **PROFILMATIC®** is even more powerful, ensuring a very high working speed yet reducing the required power input.



COLLARD®

LEAF REMOVER

Unique Removal System - With dual rotor heads pulsed air shatters leaves

NEW

MODEL E1100FR.V3



DESIGNED TO OPERATE IN MANY DIFFERENT TRELLIS SYSTEMS



Elliptical shaped dual rotor defoliation head

FEATURES:

- **ELLIPSE-MULTIROTOR** dual rotor defoliation head - "patented"
- Reinforced pivot system for 180° right to left position
- Narrower defoliation head for better penetration into the vegetation
- Adjustment system of defoliation head for positioning horizontal to vertical & in between
- Chassis designed to extend the arm supporting the head horizontally to avoid branch damage
- The defoliation heads are completely adjustable to any angle required
- 3-Pt hitch mounted air compressor, PTO driven
- Compressor is fitted with special prefiltration and ventilation kit
- Electric control distributor with ergonomic handle
- Hydraulic adjustment with three cylinders:
 - 1 - up/down independent of defoliation head
 - 1 - in/out independent of defoliation head
 - 1 - pivot
- The stainless steel covered head is effective up to 6 inches away from clusters

Our "State of the Art" Leaf Remover has 8 new design features which allow for operating in many different trellis systems.

The COLLARD with double flow of low pressure air, produced by the compressor, blows through the leaves by dual rotating nozzles that remove the leaves on both the outside and the interior of the row; achieving selective leaf removal around the grape clusters. Only this technology makes it possible to "leaf" from falling flower heads to the harvest.

SPECIFICATIONS:

Order Code	Model Number	Description	Hydraulic Requirements	Pressure	Minimum Horsepower	Weight
0411 0300	E1100FR.V3	Leaf Remover	8 G.P.M.	2400	60 H.P.	1300 lbs.

MANY OTHER LEAF REMOVERS AVAILABLE - CONTACT US FOR DETAILS

Marketed by Gearmore, Inc.



COLLARD

LEAF REMOVERS

Unique Removal System - Single or double heads, pulsed air shatters leaves

The patented **COLLARD System** achieves leaf removal by a flow of low pressure air produced by a 3-point hitch, P.T.O. driven air compressor. The air is blown through the leaves at fruit level by adjustable rotating defoliating heads. This rapid pulsing air literally shatters the leaves from the foliage and rattles the caps free from the berries.

Our leaf removal system is so effective that it can be used through the whole season from before flowering to harvest.

The **COLLARD** exposes the clusters to air and sunlight and improves spray penetration. We are able to give all the results like handwork at a fraction of the cost per acre.



Order No.	No. of Heads	Position of Heads	Working Position	Heads Reverse
E1100 3P-ELLIP	1	Rear	In-Row	Yes
E2200 3P	2	Rear	In-Row	No
E1100 FR.V2-ELLIP	1	Front	In-Row	Yes
E2200 F	2	Front	In-Row	No
E2200 FR	2	Front	In-Row & Over the Row	Yes

- **ELLIPSE-MULTIROTOR®** dual rotor defoliation head - "patented"
- Front mount leaf removers available in single or double defoliating heads
- Heads are 24" in diameter with twin rotors for maximum coverage
- Rapid pulses of low pressure (15 PSI) air shakes the leaves to pieces
- The stainless steel defoliating heads are effective up to 6" away from the grape clusters
- Both inner and outer leaves and trash are removed around fruit zone
- Electric oil flow regulator to adjust the nozzle rotation speed
- Tractor requirement is 60 HP minimum with hydraulic capacity of 8 GPM at 2400 PSI
- Air compressor is 3-point hitch mounted with 540 RPM P.T.O.
- Compressor has exhaust silencer and air intake filter
- Electro hydraulic controls are standard
- Leaf trimmers come with all hoses, fittings and JIC couplers
- Comes with storage/parking stand

Marketed by Gearmore, Inc.



PREPRUNERS

For Vineyards - To reduce the cost of hand pruning

PCI3000LPR SERIES



The **COLLARD Prepruners** will greatly reduce your pruning costs. Growers state that the finish hand pruning takes only 25% of the time versus total hand pruning costs. The Prepruner cuts the long canes small enough that they fall through the wire which is an aid in clean-up.

The Prepruner features a dual system for opening and closing of the cutting heads, **UNIQUE MAGNETIC SENSORS** and manual hand lever.

These front mounted Prepruners for vertical trellis vine grapes are low maintenance and high production giving the COLLARD units high marks with several leading California growers.



Magnetic sensors - Open and close cutting heads when sensing steel posts



Cutting blades and notched discs for clean cuts and trellis post protection

FEATURES:

- Heavy front mount frame for mounting to tractor
- Cane cutting length of 32.5"
- Dual hydraulic motors to power the cutting blades
- Three hydraulic cylinders - one for up and down, one stroke cylinder for in and out and one stroke cylinder for cross slope
- Cylinders are fitted with anti-fall safety valves
- Simple spring system to adjust the blade pressure
- Comes with heavy duty shipping/storage stand
- Tractor requirements of at least 6.6 GPM at 2030 PSI
- Custom built brackets are required for tractors and harvesters

SPECIFICATIONS:

Order Number	Cutting Height	Space Between Blades	No. of Blades	Wt.
0176 4701 1825	32.5"	4.3"	8 per side	1330#

Also available with manual retraction only

Marketed by Gearmore, Inc.



COLLARD®

PREPRUNERS

Box Prepruners - For high wire vineyards

PCI3000 Box

The **COLLARD Box Prepruners** were developed for pruning in "High Wire" vineyards. These Box Prepruners are very versatile as the four hydraulic cylinders operate up/down, in/out, and tilt 10° right and left. The operator has full adjustment control with a handy joystick. The one complete row unit features three aluminum cutting housings with each having two 17.7", 236 teeth saw blades. The heavy duty single post main beam allows for easy mounting to the front of tractors.

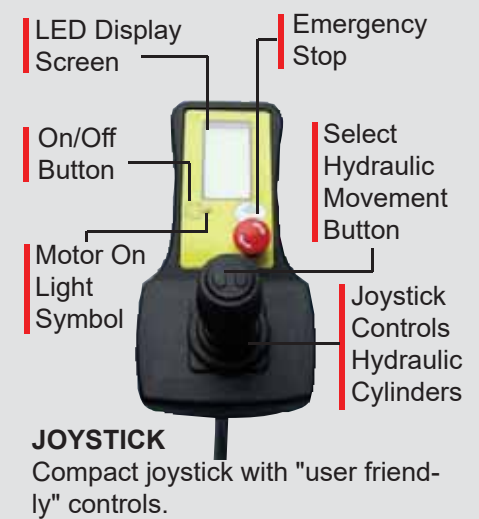
Also, available are two row prepruners for custom mounting to harvesters and other vehicles.



Order Code	Model No.	Description	Mount Type	Weight
0180 0150	PCI3000 BOX	Box Prepruner, One Complete Row	Tractor	1050#
0180 0100	PCE3200 BOX	Box Prepruner, Two Complete Rows, for custom mounting (no center mast)	Custom	500#

FEATURES:

- Designed to prune one complete row
- Three 15cc hydraulic motors to power the saw blades
- Cane cutting heights are hydraulic adjustable from 47" to 86"
- Four hydraulic cylinders - one for up/down, two for in/out, and one for tilting 10° right and left
- Cylinders are fitted with anti-fall safety valves
- Hydraulics controlled with joystick
- The three aluminum cutting housings each have two 17.7" (450mm) 236 teeth saw blades
- Tractor hydraulic requirement of at least 10.5 GPM at 2600 PSI
- Prepruners come with storage stand
- Custom built brackets are required for mounting to front of tractors



Marketed by Gearmore, Inc.



IMPLEMENTS

Worksaver Implements - Time and labor saving products

Grapple Sifting Buckets



These **Grapple Sifting Buckets** are available in widths of 72 and 84 inch. The unique upper grapple design allows for sweeping up rock, brush and other hard material into the bucket while leaving the dirt behind.

- Universal skid steer mounting bracket
- Dual cylinders - full length grapples
- Removable side plates
- Grapple opening 45" - 2 1/2" opening between sifting bucket rods

Grader Blades



This patented **SSGB-8B Grader** was designed to be used by asphalt, landscape and concrete contractors. The grader has a wide 8', 6-way hydraulically controlled moldboard operated by in-cab remote controls.

- Long main beam w/caster wheels & 18.5"x8.5" tires
- 15" high moldboard with double bevel cutting edges, shear pin protected
- Moldboard rotation left & right, tilt up and down all up to 25°
- Pair of removable end plates

Concrete Mixers



Worksaver's **Skid Steer Mount Mixer**, Model SS-590 has direct hydraulic drive. This eliminates chain and sprocket maintenance resulting in more up time on the job-site. Featuring all welded steel drum with internal paddles.

- 11 cu. ft. drum with mixing capacity of 5 cu. ft. of concrete (1 bag mix)
- Flow control valve for easy on-off operation
- Includes hoses with flat faced couplers
- Long based removable parking stands

Post Drivers



These hydraulically operated **Post Drivers** are available in 3-point hitch, loader mount, skid steer mount and in manual or hydraulic adjustment. Maximum post size of 8 3/4" diameter by 10' long.

- Designed to do both wood and steel posts
- Impact at full stroke is 80,000 pounds
- Spring loaded arm holds posts securely for "hands free" operation
- Transport pin secures units for travel and storage



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