



LABOR SAVING IMPLEMENTS

FOR THE CARE & MAINTENANCE OF ORCHARDS

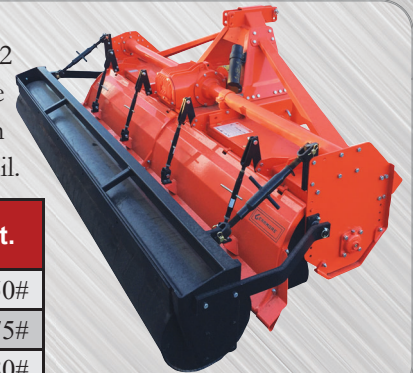
MAKE YOUR ORCHARD MORE PRODUCTIVE

This brochure is to aid you in selecting tools to make your orchard more productive. The 14 implements shown are key products to insure healthy trees. These tools are the top products used in orchards throughout the world.



Orchard Incorporators

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. Prunings can become a source of organic matter and nutrients in the soil.



Model #	Tilling Width	Roller Width	Roller Dia.	No. of Tines	Gearbox H.P.	Wt.
S255RR-CT	8'- 6" (102")	9'- 6" (114")	16"	60	90 H.P.	2850#
T305RR-CT	10' (120")	11' (132")	18"	72	160 H.P.	3375#
T355RR-CT	11'- 8" (140")	12'- 8" (152")	18"	84	160 H.P.	4080#

Hedger, Topper, Skirter

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.

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 req'd



13477 Benson Ave. • Chino, CA 91710

Ph: 909/548-4848 • Fax: 909/548-4747

www.gearmore.com • sales@gearmore.com



ORCHARD IMPLEMENTS

Hedger, Topper, Skirter

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.



Order Code	Model No.	Vert. Cut	Horiz. Cut	No. of Blades	Hyd. 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

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.



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

Skirter

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 providing clearance for other operations such as spraying and mowing. The main reason to skirt trees is to prevent easy access of insects and pests of all types.



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

* Advise your row spacing

Sawhead



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.

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

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ORCHARD IMPLEMENTS

Offset Discs

Model:	Width	Blades	Frame	Wheels	H.P. Req'd	Wt. Per Ft.	Wt.
G504	9' - 0"	24	4"x 4"x 1 1/4"	2	65 to 85	345 lbs.	3100#
G506	10' - 6"	28	4"x 6"x 1 1/4"	4	75 to 100	390 lbs.	4100#
G507	12' - 0"	32	4"x 6"x 1 1/4"	4	80 to 120	400 lbs.	4800#



The Gearmore Low Profile Offset Discs are of rugged design for deep tilling in all soil conditions. We offer the most popular widths of 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 smooth, self leveling hand crank and trunnion mounted, sealed bearings. Built in the west for tough western conditions.

Drag Scrapers

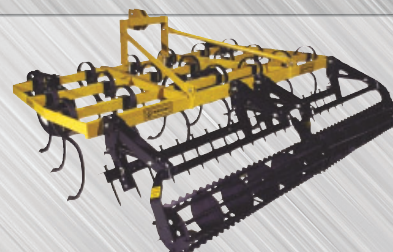
Our scrapers are designed for a number of operations for orchard growers. Grading and leveling low spots that may get washed out in the orchard floor. Excellent for repairing access roads by cutting out high spots, filling holes, and leveling to achieve smooth finished roads.

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#



Soil Conditioners

Model	Width	Tine Bars	"S" Tines	Teeth	Crumblers	Wt.
GSC12	12 ft.	3	23	24	2 - 6'	1620#
GSC13	13 ft.	3	25	26	1 - 6' & 1 - 7'	1700#
GSC14	14 ft.	3	27	28	2 - 7'	1840#
GSC15	15 ft.	3	29	30	3 - 5'	1900#



These 3 in 1 soil conditioners combine heavy-duty "S" tines to break the soil. A spring loaded spike tooth bar follows the "S" tines to level the soil and break clods. Then the aggressive spring loaded rolling crumbler completes the work by creating a fine, level surface. This one pass operation leaves orchard rows level, weed free, and manicured to impress your neighbors.

Flail Mower/Shredders

These shredders feature a unique hydraulic side shift system with two large horizontal tubes to position the 3-point hitch for offset. Units feature 150 horsepower gearbox, high tensile hood, internal replaceable "Hardox" wear plates and forged recutter bars.

Model No:	S9C-200	S9C-225	S9C-250
Shredding Width:	79" (6'-7")	89" (7'-5")	98" (8'-2")
Max. Offset F/C:	67.5"	72.5"	77.5"
Weight:	1940#	2120#	2260#



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ORCHARD IMPLEMENTS

Flail Shredders

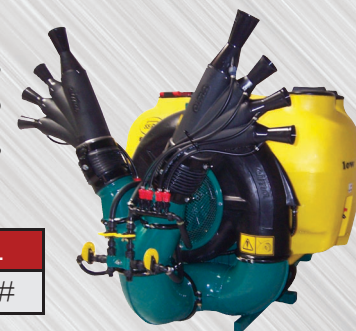
The GHF-FS Series was developed for fine shredding of orchard brush. These shredders feature 4 internal re-cutter bars to reduce the brush until it is finely shredded. The rake teeth keep the material inside mower hood to reach a consistency of decomposable mulch. The large 10 inch diameter rotor is mounted with drop forged hammer knives giving optimum shredding performance.



Model:	Mow. Width	Overall Width	Knives	Rakes	Min. HP	WT.
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#

Venturi Cannon Sprayer

This sprayer has special tall tree cannons that will give complete coverage on trees up to 50 feet in height. The Venturi Air Sprayer produces fog sized droplets to insure total plant coverage. The unit was designed for spraying walnuts, avocados, and other tall tree orchards. The sprayer is also excellent for applying foliar feed.



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#

Venturi Air Sprayer

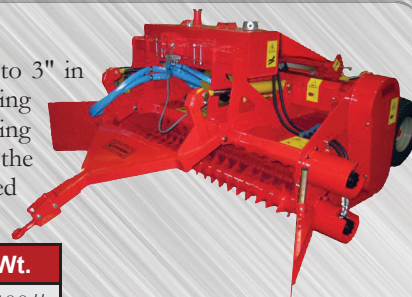
Model No.	Tank Cap:	Air Velocity	Width	Wt.
T55S2-1200	300 Gal.	8240 C.F.M.	55"	1020#
T55E2-1500	400 Gal.	9125 C.F.M.	65"	1128#
T55E2-2000	500 Gal.	9125 C.F.M.	71"	1320#



These unique Venturi Air Sprayers feature the latest technology in low volume spraying. Thus, growers achieve the following benefits: spray atomization of droplets are smaller and more uniform, even distribution of concentrated spray, complete foliage coverage, better product utilization, less chemical waste, and soil/water contamination. Orchard growers report they average 50% less "fill-ups" versus conventional air sprayers.

Brush Processor

Our 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.



Model No:	Work. Width*	Overall Width*	Overall Depth	Overall Ht.	Knives	Wt.
WBS225-G2	89"	106"	146"	71"	36	6400#

* Other Widths Available

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