COLLARD®

GEARMORE®

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ORCHARD HEDGERS

BY DOING YOUR OWN HEDGING - "YOU ACHIEVE THE JOB YOU WANT, WHEN YOU WANT."









FEATURING 6 VERSATILE HEDGING SYSTEMS, WE HAVE A MODEL TO FIT EVERY NEED.

If you need to hedge, top or skirt, we have a model to fit your requirements. We have Hedgers available for cutting branches from one to six inches in diameter. By controlling your tree profile, you achieve a number of advantages. Our Hedgers open middles for better sunlight, allows passage of tractors without limb breakage, reduces limb damage from heavy crops and cleans out lower branches to allow berm spraying.

L.E.M. SAWHEAD

FOR EXTREME DUTY TREE PRUNING

ULTIMATE SOLUTION FOR LARGE BRANCH REMOVAL.

The L.E.M. Sawhead module was designed for large branch removal in orchards. The Sawhead comes with a heavy 4" square beam for adjusting the height of the saw blade assembly. The total cutting length of the 5 blades is 8 ½ feet. The body of the sawhead is made of rust proof, anodized material which is light weight, but stronger than steel. To eliminate using the tractor hydraulic system, the Sawheads come with a 3-point hitch PTO driven Power Pack which produces 23.8 G.P.M.



Power Pack

FEATURES

- 5 - 28" diameter saw blades
- Total cutting length of 8 ½" feet
- Saw blades turn at a maximum of 2,600 R.P.M.
- The saw blade housing module will not deform, so lifetime warranty applies
- Special centralized greasing systems to each saw blade bearing
- Power Pack - 3-point hitch 540 R.P.M. which produces 23.8 G.P.M.
- Tractor mounting bracket must be custom built
- Includes electric controls distributor control box, 16' of electric cable
- The Euro global hook receiving plate is standard
- Optional SSL quick attach mount for tractors with loaders and JIC fittings

SPECIFICATIONS

Order Code	Model #	Description	Capacity	Hydraulics	Weight
5600.4021	LEM 7041	Sawhead, 5 blades	Max. 6"	23.8 G.P.M.	2,090 lbs.

HEDGER/TOPPER

HYDRAULIC BOOM TREE PRUNER

KEEP YOUR CROP LOOKING ITS BEST.

The COLLARD Hedger/Topper was designed to hedge, top trees and bush crops. The vertical reach for hedging is 20 feet and flat topping of 13 feet. The machine is front tractor mounted. Easy to operate with electric controls. The cutting bar length is 6.8 feet and additional blades can be added for longer cuts. Also, the new larger capacity 15cc hydraulic motors increase the power by 20% for faster, clean cuts. This unit is great for orchard hedging, topping and fence line maintenance.





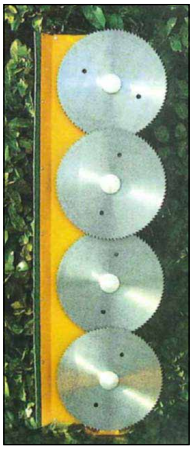


Model TA400 shown

FEATURES

- Dual 15cc hydraulic motors for added power
- Heavy duty truss frame
- Single telescopic arm
- Electro hydraulic controls
- Standard cutter bar length 6.8 feet
- Tractor requirement of only 11 G.P.M. at 2,140 PSI
- Vertical reach of 20 feet
- Flat topping height of 13 feet
- Alloy section element has a 10 year guarantee
- Hedger comes with all hoses, fittings and JIC couplers
- 19.6" diameter saw blades are standard equipment - flail knives are optional

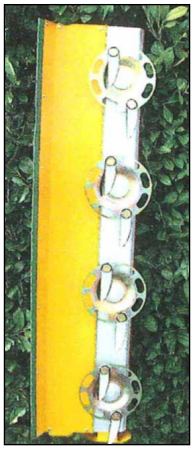
Two Types of Cutting Heads Available



Standard Saw Head



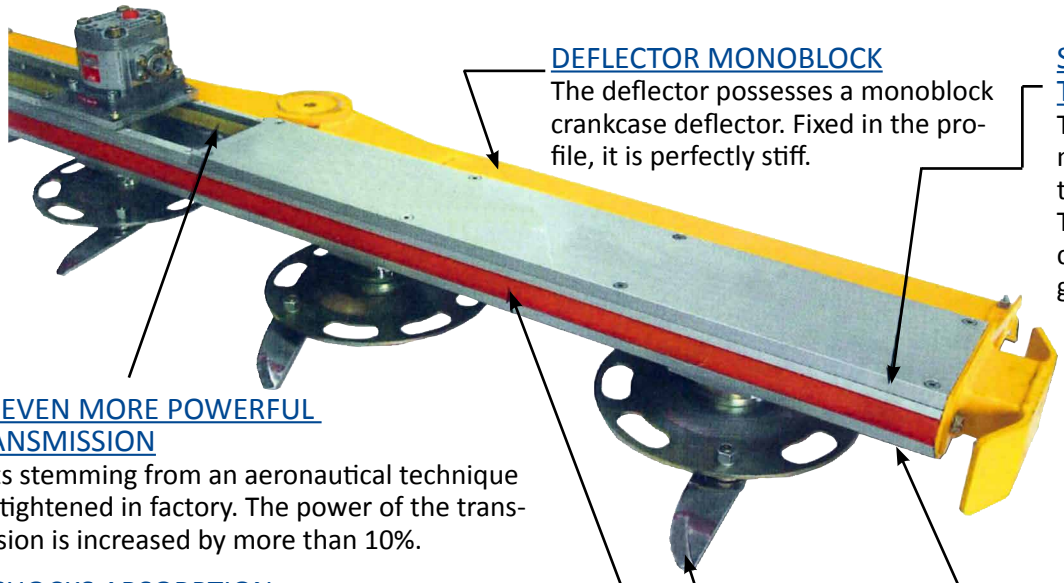
Hedger in Transport Position



Optional Knife Head

COLLARD EXTREME DUTY CUTTING ELEMENTS WERE DESIGNED TO NOT FLEX OR BEND

The Apple Hedgers were developed as an bolt-on option to our Leaf Removers. To mount the Hedger just remove the defoliation heads and bolt on the Hedger assembly. The Hedger features our superior quality swing knives which clean out branches up to 1 ½" diameter. The other special features of the Hedger are listed below. Also, as standard equipment is a shipping/storage stand to protect the Hedger.



DEFLECTOR MONOBLOCK
The deflector possesses a monoblock crankcase deflector. Fixed in the profile, it is perfectly stiff.

SCULPTURED FOR THE CUTTING
The body profile aerodynamism was study to facilitate the vegetation penetration. This profile also facilitates the cut branches evacuation, and great flow.

AN EVEN MORE POWERFUL TRANSMISSION
Belts stemming from an aeronautical technique are tightened in factory. The power of the transmission is increased by more than 10%.

SHOCKS ABSORPTION
The profile edge attack is in synthetic material, it absorbs the possible shocks, masks flow of connections between modules and facilitates the cut branches evacuation.

CUTTING QUALITY
This material is well polished to the new sharp edge poly chromed knife edge which greatly decreases clogging.

BODY IS STAINLESS ANODIZED LIGHT ALLOY MINILEM PROFILE
The alloy body is as strong as many steels and is rigid against twisting and flexing.

SPECIFICATIONS

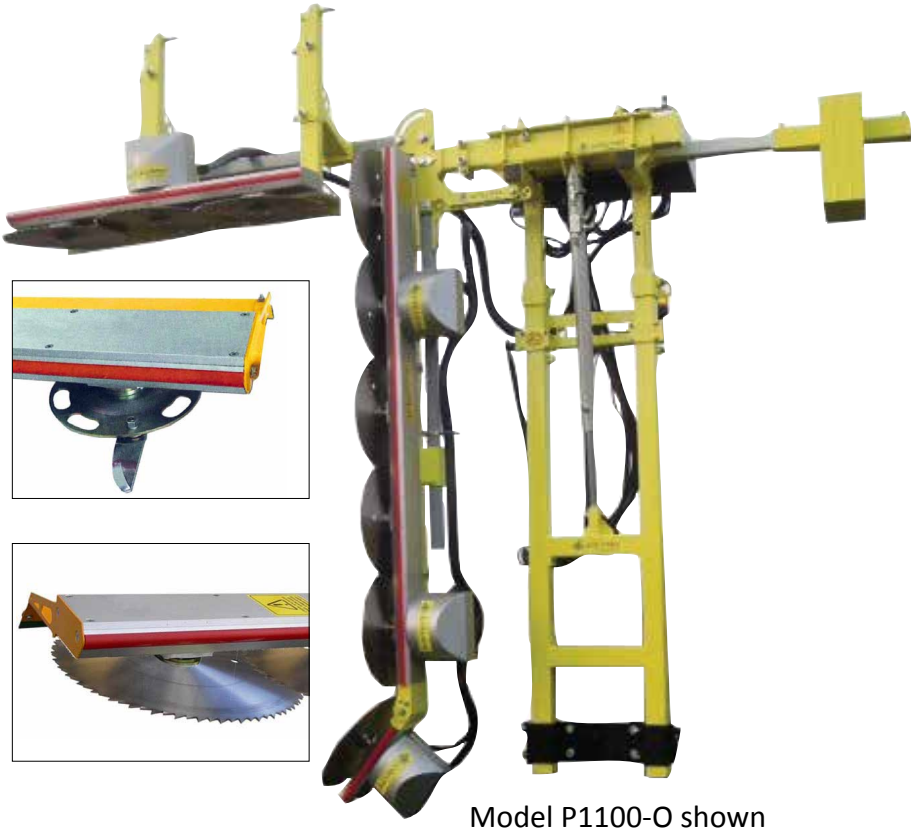
Model #	Description	Reach	Topping	Weight
TA400	Hedger/Topper - 5 blade	20'	13'	860 lbs.

HEDGERS

FOR HIGH DENSITY ORCHARDS & GENERAL HEDGING

MAKING ORCHARD MAINTENANCE FASTER, CLEANER, AND MORE EFFICIENT.

These unique 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 extrusion that provides a rugged rust-proof framework for the cutting blades and has a lifetime guarantee. The units feature two different cutting systems - saw blades or dual swinging knives. The hedgers are supplied with adjustable skirters with separate hydraulic driven motors.



Model P1100-O shown

FEATURES

- Hedgers are front mounted
- Available with 18" diameter saw blades or swinging knives
- Main trimmer beam has hydraulic up and down with 32" stroke cylinder
- Thee upper element manually adjusts 12" vertically
- Vertical and upper cutting element has manual tilt (slope)
- Vertical breakaway system to protect equipment
- Blades turn at 2,500 R.P.M., ensures clean cut ends, which dry and seal neatly to reduce the risk of disease
- Machine runs smooth and quiet, with no vibration
- Equipped with electro-hydraulic joystick controls for precise trimmer adjustments
- Complete hydraulic distributor, hoses, and JIC couplers
- Storage stand for parking the trimmer

SPECIFICATIONS

Order Code	Model #	Vertical Cut	Horizontal Cut	No. of Blades	Hydraulic Requirements	Weight
0134 1350	P1100-O	90"	48"	9	12 G.P.M.@2,600 PSI	1,200 lbs.

FAST, EFFECTIVE, AND BUILT TO ENDURE.

SKIRTERS

MODELS FOR HALF & 2 HALF ROWS

This 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 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.



Manual Adjustment

FEATURES

- 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

SPECIFICATIONS

Order No.	Model #	Cutting Length	No. of Blades	Hyd. Requirements	Weight
013700950	P1000SK	35"	2	8 G.P.M.	410 lbs.

This 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 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 from other operations, such as spraying and mowing.



FEATURES

- 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 hyd. cylinders with 20" stroke, each side
- In/out hydr. cylinders with 20" stroke, each side
- Three swinging knives per housing with cut of 50"

SPECIFICATIONS

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

* Advise your row spacing

HEDGER/TOPPER

CUTTING BLADES ADJUST TO YOUR REQUIREMENTS







MAXIMIZE PRODUCTION WHILE SLASHING PRUNING COSTS.

The COLLARD Hedger is a total pruning system for orchards. Features an adjustable pruning system to hedge, top and skirt orchards. Our Hedgers, opens middles for better sunlight, allows passage of tractors without limb breakage, reduces limb damage from heavy crops and cleans out lower branches to allow berm spraying. The Model P2000A Hedger is light enough that it can be mounted on a utility size tractor thus reducing operating costs and compaction.



An almond grower who purchased a COLLARD Tree Hedger states: "*The COLLARD Tree Hedger has larger diameter cuts than any sickle machine, less maintenance, and fewer moving parts. The blades throw much of the brush into the row instead of dropping into the tree canopy. The COLLARD Tree Hedger is more convenient - able to cut how you want and use a smaller tractor that has a lighter "footprint" in the field."*

"Our Orchard Hedgers allow you to prune on your schedule; when best for you and with a quality job that fits your requirements."



This special 3-point hitch PTO. 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.



Optional swing knives for branches up to 1 ½" in diameter

FEATURES

- Front tractor mount
- 7 cylinder hydraulic system which allows for many different applications
- Electro hydraulic controls
- 18" diameter saw blades are standard with optional flail knives for green material
- Available with 6, 7, 8, and 9 blades per side
- Requires minimum of 12 G.P.M. @ 3,000 PSI
- Designed so that blades throw much of the brush into the rows, instead of dropping into the tree canopy
- Effective trimming - both nut & fruit orchards
- Hedging max. 14 ft., topping max. 11 ft.
- 30 gallon oil tank with oil level gauge
- 2 hydraulic pumps each producing 10.6 G.P.M.
- One hydraulic pump produces 5.2 G.P.M.
- Pressure limiter set at 3,190 PSI
- Oil cooler
- PTO driveline and 2 ea. 26 foot long hydraulic hoses

SPECIFICATIONS

Order No.	Model #	Description	Approx. Weight
01370800-2448	P2000AH*	Hedger with Power Pack	2,330 lbs.
Note: The model above is for hedgers only, advise the number of blades required.			

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