



ORCHARD AGRI EQUIPMENT



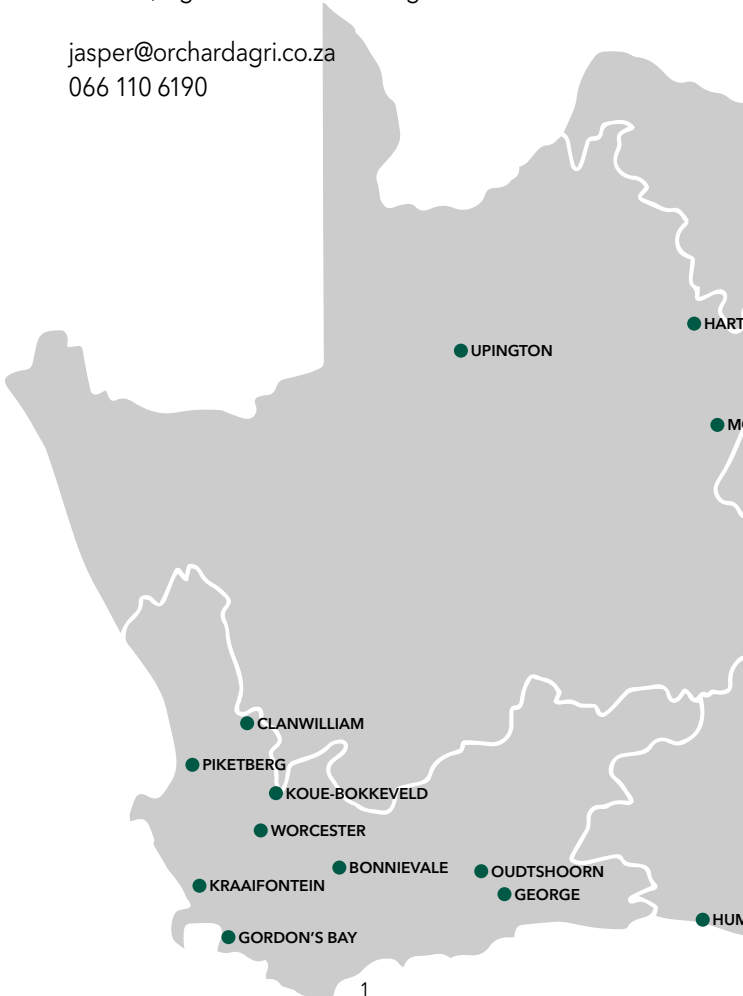
ORCHARD AGRI EQUIPMENT

Orchard Agri Equipment provides orchard- and vineyard equipment to the South African market.

DEALERSHIPS

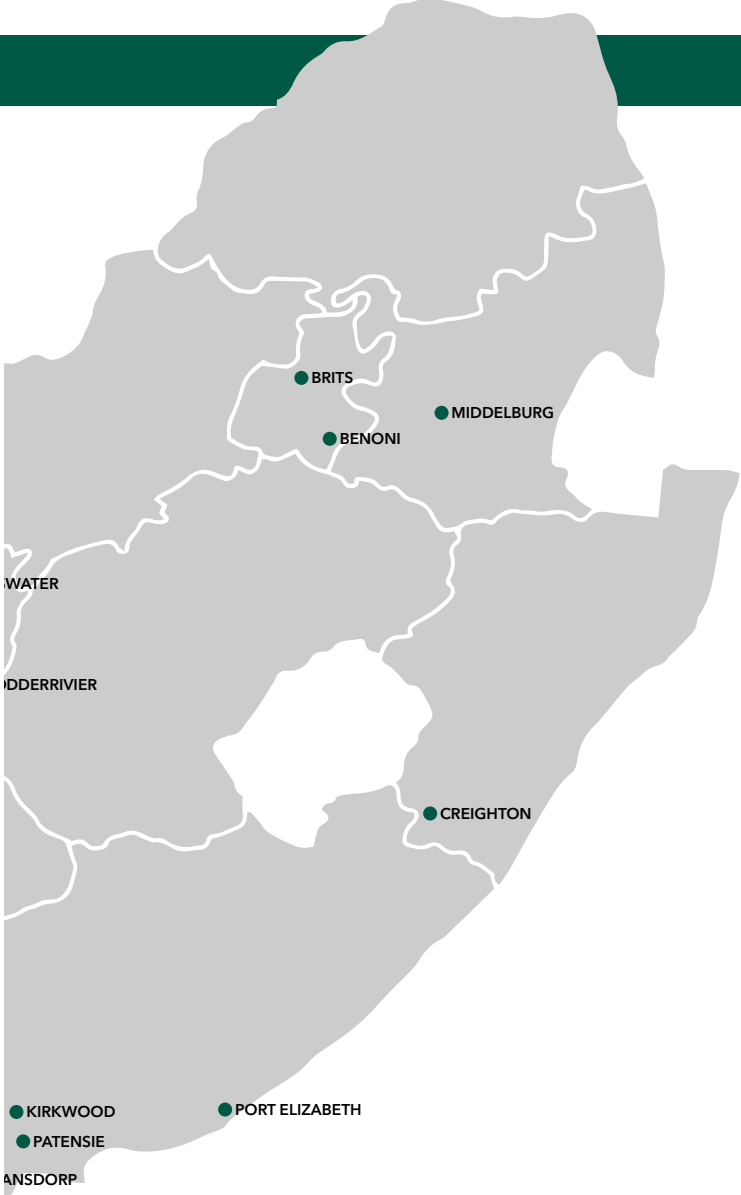
Our Dealerships network continues to expand. Additional dealers may have joined since date of print. To be directed to the dealer in your region, please get in touch with Jasper Bothma, Agrimek Branch Manager.

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We import and distribute well proven agricultural equipment that will improve your productivity and bottom line.

Enabling Growth for All.



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AGROFROST Frostbuster



When it comes to protecting your crops against night frost, and improving fruit set and pollination, the Frostbuster is in a class of its own. It is effective during radiation- and wind frost, offering protection where no water is available or in orchards that cannot be protected by water. The Agrofrost Frostbuster is trailed between the rows while the powerful fan, driven by the tractor PTO, pushes out heated air on either side of the machine.

A gas burner heats the air between 80 and 90° Celsius. The heated air is blown between the trees through two outlets (one on the left and one on the right). The total surface that can be protected depends on the shape and dimensions of the plot up to a maximum of eight hectares.

Length	4200 mm
Width	1450 mm
Height	1650 mm
Weight without gas cylinders	1230 kg
Maximum capacity	8 ha
Average gas consumption	45 kg/hr
Min. required HP of tractor	65 Hp

AGROFROST Mobile Wind Tower



Features:

- Mobile Wind Tower/Folding
- Height: 7 metres (K7) / 9 metres (K9)
- Volvo Penta TAD580 VE Stage 5
- Diesel 105 KWA |143 CV
- Engine Compatible With Clean Fuels
- 400 Litre Tank
- Rotation: 590 rpm
- Volume of Air Produced: 109 000 m³/min

Starting:

- Automatic and remote control

Equipment:

- High and low temperature sensors
- Anemometer
- Mast lighting and flash lamp

Security:

- Vibration sensor at top of mast
- Stability sensor on the machine frame
- Stand position sensor

Propeller:

- V Blade - Length: 5,80 metres

AGROFROST Revolution



The new Revolution R30, with its rotating outlet, is only 80 cm wide and therefore perfect to be used in vineyard with narrow rows.

Agrofrost also developed a completely new and patented burner which significantly reduces the gas consumption and increases the working time by several hours.

To meet all requirements of our customers, they also developed a third model: the R25. It rotates like the R20 but has the outlet 1 meter above the ground. This makes it ideal for lower crops like strawberries.

Once started manually, the Revolution works completely autonomously. Or in combination with the optional Auto Start System, it is fully automatic.




The Revolution is the ideal solution for almost any frost problem in orchards and vineyards.



AGROFROST Revolution

Safety and comfort features

- Acoustic and visual alarm if the temperature is too low or too high, as well also when the machine runs out of gas.
- Heat sensor that stops the gas supply if the burner goes out.
- The sound insulation in the machine prevents condensation and is fireproof.
- If the outlet is not mounted, the engine will not start (R20 and R25).
- If the machine is still in the blocked transport position, the engine will not start.
- Possibility to equip with an Auto Start System. This can also be mounted later as an option.
- Possibility to equip with a wireless transmitter, connected to a remote station. This can be used to start or stop the Revolution with a remote temperature sensor and to follow all data on a computer.

	Revolution 20	Revolution 25	Revolution 30
			
Outlet	Fix, 20 cm from the ground	Fix, 100 cm from the ground	Rotating, above the machine
Application	Orchards, some vineyards, greenhouses	Lower crops like strawberries	Vineyards, greenhouses, high crops like raspberries
Protected Area	Between 0,7 and 1 ha	Approx. 1 ha	Approx. 1 ha
Air Distribution	Machine rotates 360°	Machine rotates 360°	Outlet rotates 360°
Dimensions (LxWxH) in mm	1200 x 775 x 1200	1200 x 775 x 1200	1200 x 775 x 1550
Weight	325 kg	325 kg	325 kg
Gas Consumption	10,5 kg/h	10,5 kg/h	10,5 kg/h

BANDEX Anchor Bands

Bandex Anchor Band is a rubber elastic in the shape of an anchor that is indispensable for tying and guiding trellised crops.

Very useful in vineyards, orchards and greenhouses, it is a very cost-effective accessory that saves work and time. Extremely practical for trellising all types of young plants and for closing the protective cover. No special tools or knowledge are required, as with other tying techniques.



Particularly suitable for forming the Royat Cordon and widely used in fruit growing for training apple and pear trees, there are many possible uses.

Advantages

- Its elasticity accompanies the growth of the plant without strangling or injuring it
- Resistant to weather, temperature changes and wind
- Easy to put in place, remove and reposition
- Anchor Band is reusable
- Longevity of more than 4 years
- Holds the weight of the fruit well

Features

- Manufactured from high quality synthetic rubber
- Water resistant
- Reusable and recyclable
- UV and ozone resistant
- Withstands temperatures of -40° to 120°
- 300% Elasticity

CASTELLARI Ergonomic Shears

These pruning shears exerts minimum kick back on the wrist through an innovative anvil system while it's curved shape allows the operator to grip the branch during cutting. The ergonomic grip and cutting head aligns with the branch allowing the wrist to maintain a natural position, reducing the effort used by the operator while cutting.

Features

- Hot forged aluminium construction
- Blade cavities reduces friction
- Both right-handed and left-handed operation
- 25 mm Cutting diameter
- 210 mm overall length
- Weight = 217.7 g



CASTELLARI Universal Shears

Kick-back on the wrist is prevented by the anvil system and their curved shape allows the user to keep the branch still during cutting. The universal grip of the shears allows both right-handed and left-handed operators to use them. The handle and counter-blade are made of hot-forged light aluminum alloy with a lifetime guarantee against breakage. These pruners are completely interchangeable and adjustable, just like all our manual pruning tools.



CASTELLARI B12 Shears

A professional double bladed shear with an interchangeable cutting unit and traditional grinding face with its flat back is ideal for close and precise cutting that prevents bark scarring or the creation of new sprouts.

The branch blocking plate speeds up pruning operations. These pruners are ideal for fruit trees. The universal grip of the shears allows both right-handed and left-handed operators to use them.



CASTELLARI M80 Lopper

A straight shape lopper, suitable for pruning all plants. The movement assisted by the lever mechanism with "S" tie-rod, allows M branch cutters to cut up to 1,77" diameter branches with minimum effort and no kick-back.

The special construction of these branch cutters provide a better handle opening/cutting capability ratio. The handles are made of oval shaped extruded aluminum with anodized surface capable of supporting extreme tension.



CASTELLARI Tucano Lopper

Professional straight shape lopper, suitable for pruning all plants. The movement assisted by the lever mechanism allows TUCANO to cut up to 1,77" diameter branches with minimum effort and no kick-back. The handles are made of oval shaped extruded aluminum with anodized surface capable of supporting extreme tension. The blade and tie-rod (without bush), made of a high percentage carbon steel, are hot-forged. The anvil has a lifetime guarantee against breakage while the anodized surface treatment increases resistance over time.



CASTELLARI SME 33C Saw

The 406 mm long curved blade of the SME 33C, made with a high percentage of carbon, chromium plated to resist rust and increase branch penetration. The clear and precise cut makes the wood surface smooth and flat, preventing infections and allowing fast formation of scar tissue on the branch. Their special blade processing, called "surface flaring", is designed to improve branch penetration by drastically reducing friction.



CASTELLARI SPE 18C Saw

Professional folding hacksaw with curved blade, practical, handy and safe thanks to the snap closure. The steel blades containing a high percentage of carbon, are covered with hard chromium to resist rust and increase branch penetration. The clear and precise cut makes the wood surface smooth and flat, preventing infections and allowing fast formation of scar tissue on the branch. Their special blade processing, called "surface flaring", helps the blade penetrate the branch by drastically reducing friction while the ergonomic handle ensures a firm grip.



CASTELLARI PS 33P Saw & Pole

The steel blades containing a high percentage of carbon, are covered with hard chromium to resist rust and increase branch penetration. Suitable for all fixed and telescopic Castellari poles.

Professional universal telescopic poles available in 7 sizes, made of anodized aluminium are lightweight and durable. All universal telescopic poles are suitable for any of Castellari's treetop shears and pole saws.



CASTELLARI Ryno Electric Shears

Ryno, the new line of electric shears powered by lithium batteries, is available in three models. The Ryno 40 for rapid and softer cuts, the Ryno 50 for larger and performing cuts and the Ryno 63 for cutting large diameters.

Each model is equipped with two batteries, in the event of flat batteries you will be able to start again quickly thanks to the quick recharge times.

The bright display indicates the percentage battery charge and the number of total cuts. Ryno shears have two cutting openings: 70% For smaller and faster cuts, 100% for full power cuts.

Accessories:

- Two batteries
- Battery charger
- Sheath
- Sharpening stone
- Disassembly keys

CASTELLARI Ryno 40



Power & voltage	2Ah 28,8Wh 14,4V
Blade opening	40 mm
Weight	880 g
Autonomy	2 - 3 h
Cutting diameter	25 mm

CASTELLARI Ryno 50



Power & voltage	2,5Ah 36Wh 14,4V
Blade opening	50 mm
Weight	990 g
Autonomy	2 - 3 h
Cutting diameter	32 mm

CASTELLARI Ryno 63



Power & voltage	2,5Ah 54Wh 21.6V
Blade opening	63 mm
Weight	1,250 kg
Autonomy	3 - 4 h
Cutting diameter	37 mm

CASTELLARI Olivance EP SV2



These patented professional electric olive harvesters with contrasting reed movement is ideal for medium to large-sized olives and for plants with not too much foliage. The removable reeds in engineered polymer that can be substituted make the machine lighter and easy to maintain. Telescopic poles are available in two lengths.

L'OLIVANCE EP S V2 is supplied with a 14.9 m watertight power cable and two safety fuses. Current absorption is approximately 6 to 8 Amperes/hour. A 60 ampere battery is recommended for an average work day.



CLEMENS SB Tool Carrier

Clemens SB tool carrier with Finger Roller

Does everything always have to be hydraulic? No, the easily adjustable finger roller can also provide efficient weed control. The machine of choice, especially on steep slopes, because it leaves no edge that can develop into a water channel.

1. Combinable
2. Erosion control
3. Suitable for steep slopes



Clemens SB tool carrier with Finger Hoe

The finger hoe gently removes soil and weeds directly around the vine and is ideal for young plants and plantations with very crooked vines. Thus a clean result can be achieved even if the sensor rod of the RADIUS SL or the RADIUS SL PLUS device is set to the foremost and thus safest position and thereby an island (also called shadow) forms around the vine.

1. For young plants
2. Combinable
3. Safe



CLEMENS SL Radius Plus

The RADIUS SL PLUS offers all the advantages of the RADIUS SL and even more. In addition to the blade share, driven additional implements can also be mounted quickly.

So you always have the right machine at hand, even under different conditions and objectives.

1. Ecofriendly
2. Robust
3. Versatile



Oil Requirement	Basic device: $\pm 8-12\ell/\text{min}$ Rotary cultivator: $\pm 35\ell/\text{min}$ Driven disks: $\pm 20\ell/\text{min}$ Mower: $\pm 20\ell/\text{min}$
Weight	Basic device: $\pm 35 \text{ kg}$ Blade share + sensor rod: $\pm 2,8-5,1 \text{ kg}$ Rotary cultivator: $\pm 23 \text{ kg}$ Driven disks: $\pm 42 \text{ kg}$
Blade share + sensor rod lengths	$\pm 500/620 \text{ mm}$
Working speed	3 to 10 km/h, depending on tool

CLEMENS SB Mono

Would you like to work permanently with only a single-sided undervine care device, but as comfortably and safely as possible? For this case we have developed the SB Mono, which can be used for front and rear mounting.

The hydraulic width adjustment can be easily converted from right to left. The base frame can be hydraulically adjusted by 500 mm from 960 to 1,460 mm on one side by means of a cylinder, either to the right or to the left.

1. Slim
2. Simple
3. Compact



Dimensions	700(L) x 985(W) x 740(H) mm
Weight without attachments	±110 kg
Hydraulic requirement	1x double-acting
Three-point category	Cat. 1

DELIMBE T4, T5 & T24 Pellet Spreader

Pellet and Granule Spreader with either 25 or 70 liter tank capacity. The T5, T4 and T24 comes standard with an adjustable deflector on the turbine allowing projection of pellets and granules at an adjustable width between 3 to 24 meters.



Features

- T3 and T4 regulation of dispersion from 0.5 to 310kg / hour using a scale from 0 to 30
- T24 regulation of dispersion from 0 to 445kg / hour using a scale from 0 to 35
- UV resistant polyethylene tank construction
- 12-Volt electric powered spreading plate
- Tractor or quad bike mounted
- Steel turbine

Model	Capacity	Spread	Tarre Weight	Dimensions
T4	25 ℓ	3m - 12m	10 kg	Ø30cm x (h)60cm
T5	70 ℓ	3m - 12m	20 kg	Ø50cm x (h) 85cm
T24	70 ℓ	24m	30 kg	Ø52cm x (h) 90cm

DELIMBE T18 Seeder

The Delimbe T18 air seeder is a multi-purpose 12 volt applicator for distributing most small seeds up to 7,3 meters wide.

Three types of seed rotor are included with the seeder depending on the size of seed to be sown. Green for small seeds, stainless steel (yellow) for medium seeds and red for large seeds and grass seed.



Features

- T18 regulation of dispersion flow rate from 5 to 350kgs / hour
- UV resistant polyethylene tank construction
- The seeder is equipped with a blower driven by a 12 volt electric motor
- The distribution roller is driven by a self-regulating electric motor.
- The airflow transfers the seed into flexible plastic pipes/hoses with an inside diameter of 30mm
- 1 to 12 outlets
- Tractor mounted
- Steel turbine

Model	Capacity	Spread	Tarre Weight	Dimensions
T18	300l	7,3m	60 kg	(w)68cm x (h)90cm

FISCHER GL4 Series

A top product thanks to decades of know-how and long experience in construction.

This mower is rugged, compact and surface smooth. Thanks to the continuous and hydraulic adjustment of the working width with collision protection, this blade mower can be used in any row width.

The skid plates on the swing arms and the support wheels ensure optimised ground adjustment, even on uneven ground.

Two precision sensors with hydraulic control allow gentle and accurate mowing around the trunk - without the use of herbicides. Optimised overview during working is made possible with front-mounting of the unit.



	GL4 70 180-300	GL4 80 180-320	GL4 60 200-300
Min. width	1820 mm	1820 mm	2020 mm
Max. width	3050 mm	3250 mm	3050 mm
Weight	600 kg	610 kg	630 kg
Cutting heads	4	4	4
Blades	8	8	8
Hp required	40/80	40/80	50/80

FISCHER GL4 Series

	GL4 70 200-320	GL4 80 200-340	GL4 90 200-360
Min. width	2020 mm	2020 mm	2020 mm
Max. width	3250 mm	3450 mm	3650 mm
Weight	640 kg	650 kg	660 kg
Cutting heads	4	4	4
Blades	8	8	8
Hp required	50/80	50/80	50/80



	GL4 80 220-360	GL5 90 330-490	GL5 90 380-540
Min. width	2220 mm	3310 mm	3830 mm
Max. width	3650 mm	4930 mm	5450 mm
Weight	690 kg	980 kg	1400 kg
Cutting heads	4	5	5
Blades	8	10	10
Hp required	50/80	60/120	60/120

* Optional Integrated Herbicide or Compost Tea Spray

All Fischer Mowers can provide further advantages if used with our integrated herbicide or compost tea spray options. Available in 120ℓ and 200ℓ models.

FISCHER SL Series

The rugged, compact and one-sided Fischer SL is one of the most versatile mowers available. It features impressive hydraulic side-shift capacity and is available with spring-loaded swivel-arm or with the popular Fischer hydraulic fine-sensor technology.



Ideal for young plantations with low-hanging fruit. The new precision control allows accurate and gentle sensing of the tree trunk which cannot be damaged thanks to the rubber armoring of the swing disk.

The swing arm is hydraulically or electrically positioned from the tractor using a controller or electric switcher.

	SL3 200-250	SL4 270-320	SL4 310-360	SL4 360-410
Min. width	2010 mm	2710 mm	3110 mm	3670 mm
Max. width	2550 mm	3250 mm	3850 mm	4350 mm
Weight	520 kg	600 kg	660 kg	750 kg
Cutting heads	3	4	4	4
Fixed blades	3	4	4	4
Swivel blades	2	2	2	2
Hp required	40/90	40/90	40/90	40/90

* The smallest three models are convertible to front or rear mounting if equipped with the standard metal front and rear rollers.

FISCHER S Mower M

The S Mower M is a medium duty rear mount mulcher, with a side shift option.

Standard equipment on S-Mower

- PTO 540/min or 1000/min
- Freewheel in the gearbox
- Hydraulic side shift
- Automatic belt tensioner
- Double frame
- Adjustable roller support with roller scraper
- Chain guard front
- Adjustable hood with protective rubber in the rear
- Three-point CAT 1+2
- Shearbars
- CE-accident protection



	cm/Ø Fixed	cm/Ø Sideshift
M125	40 80	64 57
	60 60	14 107
M150	53 93	73 72
	73 73	14 131
M175	65 105	86 84
	85 85	27 143
M200	78 118	99 97
	98 98	40 156

Mod.	Hammer	HP	Working Width	Gears	Dimensions
M125	10	30-90	120 cm	3	140(l)x93(w)x104(h)
M150	12	30-90	145 cm	3	165(l)x93(w)x104(h)
M175	14	30-90	170 cm	4	191(l)x93(w)x104(h)
M200	16	30-90	195 cm	4	216(l)x93(w)x104(h)

GAMBERINI Sulphur Spreader



The GR50 Sulphur Spreader delivers consistent powder dispersion throughout the entire treatment cycle, by controlling the pneumatic aspiration of the sulphur through easy adjustable internal baffles.

Features

- Coated, self-supporting sheet steel frame
- Regulation of dispersion from 5 to 50 kg/hectare with sulphur powder
- Fitted with three-point coupling
- Poly v-belt driven steel turbine
- Ø70mm hoses with directional adjustable nozzles



Capacity	Spread	Tarre Weight	Dimensions	Required HP
50kg/65ℓ	6 m	65 kg	10 kg	20HP

GEOLINE Mist Blower Spares

Geoline is a winning alternative for those seeking top quality accessories and parts for sprayers and fertilizer application equipment.



GRAPE HARVESTER Spares

We provide cost-effective, dependable, and individually tested compatible parts for Braud and Gregoire harvester machines. These compatible spare parts represent a perfectly valid alternative to the originals.



IDEAL Phantom



Phantom is a low volume sprayer for treatments in hanging vineyards, but suitable also for treatments in espaliers vineyards and/or orchards, after manually adjusting back diffusers.

Suitable for treatments in cultivations of medium or big dimensions and it is available both in the mounted version with tanks of 400, 500, 600, 800 and 1000 litres, and in the trailed version with tanks of 800, 1000, 1500 and 2000 litres.

Ideal sprayers can easily be equipped with various accessories as optional extras to add versatility.

	800 l	1000 l	1500 l	2000 l
Width	1090 mm	1220 mm	1400 mm	1520 mm
Length	3070 mm	3180 mm	3800 mm	4100 mm
Height	1340 mm	1350 mm	1400 mm	1500 mm
Weight	580 kg	680 kg	810 kg	860 kg
Fan Ø	535 mm	535 mm	535 mm	535 mm
Hp required	50/60	50/60	50/60	50/60
Electrostatic	optional	optional	optional	optional
Trailed	•	•	•	•
Mounted	•	•		

IDEAL Diva

Diva is a low volume sprayer suitable for treatments in medium-sized vineyards. It can be used to treat 1, 2 or 3 rows contemporarily, according to the equipment used.

It is available both in the mounted version with tanks of 300, 400, 500, 600, 800 and 1000 liters.

Standard equipment

- Hot galvanized frame
- New polyethylene conveyor (high performance)
- Protection for fan suction
- Protection for diffusers
- Polyethylene tank
- External pipe for tank level
- Hand-washing tank
- Circuit-rinsing device
- Diaphragms pump 70 l/min 50 bar
- Double suction impeller 25/50/20
- Centrifugal clutch
- Gearbox with 2 speeds plus neutral position
- Low pressure control device in the tractor cab
- High pressure control device for other uses
- Individual closure of diffusers
- Antidrip device
- Hydraulic stirrer
- Height - and length- adjustable drawbar
- Height- and width- adjustable axles



IDEAL Supra



The Ideal Supra is a low volume vineyard sprayer. Thanks to its very powerful fan the Supra is also suitable for use in espalier vineyards with leafy plants.

The Ideal Supra vineyard sprayer can spray either two or three rows depending on the configuration of the swing arms, that can be adjusted to suit different vineyard types.

The Supra vineyard sprayer is available with tanks of 400, 500, 600, 800 and 1000 litres in the mounted version and with tank capacities of 800, 1000, 1500 and 2000 litres in the trailed version.

	800 l	1000 l	1500 l	2000 l
Width	1090 mm	1220 mm	1400 mm	1520 mm
Length	2970 mm	3080 mm	3700 mm	4000 mm
Height	1340 mm	1350 mm	1400 mm	1500mm
Weight	600 kg	700 kg	830 kg	880 kg
Fan Ø	570 mm	570 mm	570 mm	570 mm
Hp required	85/95	85/95	85/95	85/95
Trailed	•	•	•	•
Mounted	•	•		

IDEAL Orion



The Ideal Orion high to medium volume sprayer is a basic but multi-purpose sprayer equipped with an axial fan that is ideal for treatments of vineyards and berry crops in small- and medium-sized farms.

Orion is the newest addition to our range of Ideal mist sprayer range and as such is in line with all the new laws regarding safety and the environment.

The Evolution agricultural sprayer is available in mounted version with tanks of 200, 300, 400, 500 and 600 litres, and trailed version with tanks of 600, 800 and 1000 litres.

	600 ℓ	800 ℓ	1000 ℓ
Width	1000 mm	1160 mm	1220 mm
Length	2780 mm	3125 mm	3260 mm
Height	1170 mm	1275 mm	1300 mm
Weight	385 kg	435 kg	450 kg
Fan Ø	700 mm	700 mm	700 mm
Hp required	30/35	30/35	30/35
Trailed	•	•	•
Mounted	•		

IDEAL Evolution

The Ideal Evolution agricultural sprayer is a very versatile sprayer equipped with an axial fan featuring adjustable blades' pitch and is suitable for medium and high volume treatments of different crops.

Thanks to its good performance the Evolution is an operational sprayer, in line with all the new laws regarding safety and environment.

The Evolution agricultural sprayer is available in mounted version with tanks of 400, 500, 600, 800 and 1000 litres, and trailed version with tanks of 1000, 1500, 2000 and 3000 litres.



	1000ℓ	1500ℓ	2000ℓ	3000ℓ
Width	1230 mm	1400 mm	1520 mm	1850 mm
Length	3000 mm	3600 mm	3800 mm	3970 mm
Height	1350 mm	1400 mm	1500 mm	1700 mm
Weight	500 kg	650 kg	735 kg	940 kg
Fan Ø	800 mm	800 mm	800 mm	800 mm
Hp required	50/60	50/60	50/60	50/60
Trailed	•	•	•	•
Mounted	•			

IDEAL Rhone

Rhone is a sprayer equipped with inverted suction fan of medium to big dimensions. Inverted suction keeps the fan free from leaves and other soil remains, while the great air volume ensures a proper coverage even in crops with big and leafy plants.

In addition, a special air straightener within the ventilator counters the helical effect of the propeller and ensures a balanced distribution on both sides.

The Rhone is available in the mounted version with tanks of 400, 500 and 600 litres and fan Ø 700, and in the trailed version with tanks of 1000, 1500, 2000 and 3000 litres and fan Ø 900 mm.



	1000ℓ	1500ℓ	2000ℓ	3000ℓ
Width	1230 mm	1400 mm	1520 mm	1850 mm
Length	3300 mm	3900 mm	4100 mm	4300 mm
Height	1140 mm	1400 mm	1500 mm	1700 mm
Weight	530 kg	660 kg	710 kg	1130 kg
Fan Ø	900 mm	900 mm	900 mm	900 mm
Hp required	70/75	70/75	70/75	70/75
Trailed	•	•	•	•
Mounted				

IDEAL Rhone Top



Rhone Top is a sprayer equipped with a trapezoidal-shaped fan with inverted suction. This special “tower” configuration allows a distribution straight to the vegetation to be covered, while inverted suction keeps the fan free from leaves and other soil remains.

Furthermore, the big size of the fan produces such an air volume that the product can penetrate even in big crops with leafy plants. In addition, a special air straightener within the ventilator counters the helical effect of the propeller ensuring a balanced distribution on both sides. The Rhone Top is suitable for espaliers orchards of big dimensions and is available in the trailed version with tanks of 1000, 1500, 2000 and 3000 litres.

	1000ℓ	1500ℓ	2000ℓ	3000ℓ
Width	1230 mm	1400 mm	1520 mm	1850 mm
Length	3300 mm	3900 mm	4100 mm	4300 mm
Height	2250 mm	2250 mm	2250 mm	2250 mm
Weight	620 kg	800 kg	830 kg	1160 kg
Fan Ø	900 mm	900 mm	900 mm	900 mm
Hp required	70/75	70/75	70/75	70/75
Trailed	•	•	•	•
Mounted				

IDEAL Perfection - Hops



Perfection Hops is equipped with an axial fan with two counter-rotating propellers. This counter-rotation neutralises the helical effect completely, allowing a perfectly balanced distribution of air and product on both sides.

The propellers create such a high air volume that Perfection allows effective treatments in big and leafy cultivations. Furthermore, thanks to special conveyors assembled onto the fan, crops with several plantation systems can be treated with an optimal distribution of product straight to the vegetation to be covered. The Perfection Hops is available in the trailed version with tanks of 800, 1000, 1500, 2000, 3000 litres.

	1000ℓ	1500ℓ	2000ℓ	3000ℓ
Width	1230 mm	1400 mm	1520 mm	1850 mm
Length	3600 mm	4200 mm	4400 mm	4570 mm
Height	1350 mm	1400 mm	1500 mm	1700 mm
Weight	640 kg	770 kg	820 kg	1220 kg
Fan Ø	800 mm	800 mm	800 mm	800 mm
Hp required	70/80	70/80	70/80	70/80
Trailed	•	•	•	•
Mounted				

IDEAL Perfection - Citrus

Perfection Citrus is equipped with an axial fan with two counter-rotating propellers. This counter-rotation neutralises the helical effect completely, allowing a perfectly balanced distribution of air and product on both sides.

The propellers create such a high air volume that Perfection allows effective treatments in big and leafy cultivations. Thanks to special conveyors assembled onto the fan, crops with several plantation systems can be treated with an optimal distribution of product straight to the vegetation to be covered. The Perfection Citrus is available in the trailed version with tanks of 800, 1000, 1500, 2000, 3000 litres.



	1000ℓ	1500ℓ	2000ℓ	3000ℓ
Width	1230 mm	1400 mm	1520 mm	1850 mm
Length	3600 mm	4200 mm	4400 mm	4570 mm
Height	1350 mm	1400 mm	1500 mm	1700 mm
Weight	640 kg	770 kg	820 kg	1220 kg
Fan Ø	800 mm	800 mm	800 mm	800 mm
Hp required	70/80	70/80	70/80	70/80
Trailed	•	•	•	•
Mounted				

IDEAL Mig Plus



Mig Plus is a sprayer recommended for treatments of high trees and open field crops, equipped with a gunhead ventilator. This gun-head is omnidirectional and can be turned up to 230° and vertically inclined up to 110° by the user in the tractor.




The great performances of the ventilator ensure a spray of 25 meters on both sides and a vertical spray of 15/20 meters.

Mig Plus is available both in the mounted version with tanks of 400, 500, 600, 800 and 1000 liters and in the trailed version with tanks of 1000, 1500 and 2000 litres.

	600 ℓ	800 ℓ	1000 ℓ	1500 ℓ
Width	1220 mm	1520 mm	1230 mm	1400 mm
Length	1540 mm	1550 mm	2940 mm	3540 mm
Height	2000 mm	2000 mm	2000 mm	2000 mm
Weight	370 kg	425 kg	615 kg	745 kg
Fan Ø	440 mm	440 mm	440 mm	440 mm
Hp required	70/75	70/75	70/75	70/75
Trailed			•	•
Mounted	•	•		

IDEAL Poly Mounted Field Sprayer



	A		c	
400 PB	1030	1160	1156	140
500 PB	1030	1160	1276	160
600 PB	1030	1160	1420	170
800 PB	1050	1520	1480	215
1000 PB	1050	1520	1650	235

The poly-mounted sprayer is the ideal solution for treating small- and medium-sized open-field crops, thanks to the manual and/or mechanical booms it can be equipped with.

Standard Specification:

- Non-return valve on the circuit rinsing system
- Proportional-volumetric manual control
- Electric control device (optional)



- Winch for manual lifting

Version with mechanical booms

Version with hot-galvanized mechanical booms featuring a rear horizontal closure, available in widths ranging from 10 to 18 meters, and offered in both "uni-jet" and "tri-jet" configurations.

- Manual rod pendulum

Version with hydraulic booms




Version with hot-galvanized hydraulic booms (2 jacks) with rear X closure, 12 to 15 meters wide and available in both "uni-jet" and "tri-jet" versions.

- Winch for manual lifting
- Hydraulic lifting
- Manual or hydraulic rod pendulum



IDEAL Poly TR 2000 Field Sprayer



	A		c	
1000	2300	1220	1300	380
1500	2900	1350	1350	500
2000	3100	1550	1500	600
3000	3900	1850	1700	700

Basic but functional, Poly TR is the trailed field sprayer suitable for treatments to medium-sized open-field crops, thanks to the manual and/or mechanical booms it can be equipped with.

Standard Specification:

- Non-return valve on the circuit rinsing system
- Proportional-volumetric manual control
- Electric control device (optional)



Version with mechanical booms

Version with hot-galvanized mechanical booms featuring a rear horizontal closure, available in widths ranging from 10 to 18 meters, and offered in both "uni-jet" and "tri-jet" configurations.

- Winch for manual lifting
- Manual rod pendulum

Version with hydraulic booms




Version with hot-galvanized hydraulic booms (2 jacks) with rear X closure, 12 to 15 meters wide and available in both "uni-jet" and "tri-jet" versions.

- Winch for manual lifting
- Hydraulic lifting
- Manual or hydraulic rod pendulum



IDEAL Poly Super Field Sprayer



	A		c	
2000	3200	1750	1900	1230
2500	3200	1750	1900	1230
3000	3200	1750	1900	1350

Poly Super is the trailed field sprayer suggested for treatments to medium- and large-sized open-field crops, thanks to its professional configuration, as well as booms and options it can be equipped with.

Standard Specification:

- The tank is especially designed to ensure a low center of gravity.
- Electric control.
- Non-return valve on the circuit- rinsing system.
- Hydraulic lifting
- Tracker drawbar
- Shock absorber with nitrogen storage for lifting (optional)



Version with hydraulic booms with X closure

Version with hot-galvanized hydraulic booms with X closure, with 2 main jacks and 4 sequential ones.

Available in 'uni-jet' and 'tri-jet' versions, these booms can cover 15 to 18 metres. Thanks to the 4 sequential jacks, booms' arms can fold in more sections using hydraulic plugs of the 2 main jacks, for an easier and better use. And, these booms are also equipped with a hydraulic rod pendulum with 2 jacks (locking + incline).

Optional

- Manual or hydraulic rod pendulum.
- Hot galvanized and enamelled boom.

IDEAL Poly Super Field Sprayer

Version with hydraulic booms with U closure

Version with enamelled hydraulic booms with U closure, with 4 main jacks and 2 sequential ones.

Available in 'uni-jet' and 'tri-jet' versions, these booms can cover 18 to 21 metres.

Thanks to its U closure and its stronger structure, this boom is more stable and can work well even on hilly grounds.

And, these booms are also equipped with a hydraulic rod pendulum with 2 jacks (locking + incline).



Standard Specification:

Hydraulic rod pendulum.



Version with hydraulic booms with side closure, with 4 main jacks

Version with enamelled hydraulic booms with side closure, with 4 main jacks.

Available in 'uni-jet' and 'tri-jet' versions, these booms can cover 15 to 24 metres. Moreover, these booms are also equipped with a hydraulic rod pendulum with 2 jacks (locking + incline), resulting in the ideal solution for professional treatments on wide-extended areas.

Standard Specifications:

Hydraulic rod pendulum.

Optional:

- Air sleeve with propeller Ø 900 mm
- Pneumatic suspensions



IDEAL Biostar 310 Duster



The Biostar 310 Duster delivers reliable, precise, and durable performance for vineyards. Its design keeps powder away from the fan, reducing wear and ensuring long-lasting operation. The hot-galvanized and enamelled body is built to withstand tough farm conditions.

Powder flows smoothly by gravity and stays loose without clumping, thanks to the mixing auger, while adjustable rear outlets allow full or targeted coverage as needed. Perfect for use as a sulphur duster in vineyards and table grape production.

Specification	Biostar 310 Duster
Dimensions (L × W × H)	1250 × 850 × 1200 mm
Weight	110 kg
Trailed / Mounted	Tractor-mounted
Powder Capacity	310 L
HP Required	20-25 HP
Spread Width	Adjustable, up to 12 m
Body Material	Hot-galvanized and enamelled steel
Powder Delivery	Gravity-fed with mixing auger for smooth, clump-free flow
Ideal Use	Sulphur dusting in vineyards and table grapes

INFACO Electrocoup F3020

The F3020 builds on the highly respected F3015 technical base adding many improvements to allow our clients to continue using the best tool available on the market. Even more effective than the F3015, the F3020 has higher cutting speeds and improved work comfort.

Standard Wireless DSES Safety System

This new wireless safety system is composed of a conductive trigger that makes the connection between the user's body and the shears' electronic system (INFACO patents).

As soon as the cutting head touches the opposite hand, bare or wearing a glove, the pruning shear blade opens instantly, thereby preventing accidents!



	Standard kit	Medium kit	Maxi kit
Weight	708 g	835 g	1165 g
Blade opening	60 mm	70 mm	100 mm
Cutting capacity	40 mm	45 mm	55 mm
Battery weight	698 g	698 g	698 g
Battery life	8 hr	8 hr	8 hr
Charge time	2 hr	2 hr	2 hr

INFACO 3020 Extension Poles



Working at heights up to 4 meters has never been easier. The INFACO design office engineers have completely revolutionised the pole system to propose an innovating and ergonomic solution.

Simply clip your F3020 pruning shear to the end of the pole and the battery to the other end: that's it, your tool is ready for use. Forget the previous cables and operate your tool using a wireless Bluetooth® trigger system housed in the sliding grip making it very easy to use.

Benefit from optimised balance thanks to the weight distribution but also increased battery safety in bad weather.



MICRON Herbi Duo (12L Backpack)

The Herbi Duo is a high-quality, hand-held sprayer designed to deliver efficient, economical, and precise weed control across a wide range of applications.

Incorporating Controlled Droplet Application (CDA) technology, the Herbi Duo produces an optimal droplet size for herbicide application. This allows for reduced spray volumes, minimal spray drift, and more accurate placement of chemicals exactly where needed.

Lower water usage means fewer mixing and refilling stops, enabling higher work rates and increased productivity in the field.



Specifications

Power supply	6 V DC (4 R20 D batteries)
Power consumption	<0.5 W
Disc speed	1450 rpm (governed)
Flow rate range	40-145 ml/min
Band width	1 m (large disc) or 0.4 m (narrow band disc)
Droplet size (VMD)	200-300 μm VMD (large disc) 650-750 μm VMD (narrow band disc)

MICRON Herbi Duo+

The Herbi Duo+ is a high quality model with an ergonomically designed handle featuring a trigger lock, armrest and easy to access atomiser on/ off switch. The Duo+ is powered by 4x R6 AA size batteries.

Features:

- Dual band function - 1m or 0.4m narrow band
- Battery powered with no pumping required
- Drift control
- Ease of use, lightweight and ergonomic design
 - for single handed operation
- High productivity and economical. Treats up to 3km with a single 5 litre tank mix
- Electronic speed control on the motor ensures a constant RPM
- Long battery life in excess of 40 hours (4x AA Duo+) or 100 hours (Duo)
- Rechargeable batteries can be used
- Interchangeable nozzles for different flow rates Robust and simple to maintain
- Optional spray shield for narrow band sprays
- 12 Litre backpack tank available



Power supply	6V DC (4x R6 AA size batteries)
Power consumption	<0.5 watts
Disc speed	1450 rpm (governed)
Flow rate range	40 - 145 ml/min
Droplet size	200-300 µm VMD (large disc) 650-750 µm VMD (narrow band disc)
Band width	1 m (large disc) or 0.4 m (narrow band disc)

MICRON Undavina



Designed for weed control in vineyards and orchards, the Undavina rolls closely around the base of plants to ensure maximum weed kill. Its flexible structure is ideal for weed control around young plants where it should be used with the vinyl cover to protect the sensitive stems from spray damage.

H-frame options are available.



Model	Spray Width	Flow rate	Weight
400 HiFlo	400 mm	100 - 500 l/ha	17 kg
400 CDA	400 mm	18 - 20 l/ha	17 kg
600 HiFlo	600 mm	100 - 500 l/ha	18 kg
600 CDA	600 mm	18 - 20 l/ha	18 kg
900 HiFlo	900 mm	100 - 500 l/ha	26 kg
900 CDA	900 mm	18 - 20 l/ha	26 kg
1200 HiFlo	1200 mm	100 - 500 l/ha	36 kg
1200 CDA	1200 mm	18 - 20 l/ha	36 kg

MICRON Spraydome 3049



Incorporating proven Controlled Droplet Application technology, Spraydome CDA is a range of adjustable width shielded sprayers which provide cost-effective and economical treatment of weeds in pecans, almonds, pistachios, apples, walnuts and other tree crops.

Featuring extendable wings, the Spraydome CDA range of drift reducing sprayers have been specifically designed for treating weeds growing between rows of trees in orchards. The sprayers' adjustable width and wide reach make them ideal for use in pecans, almonds, pistachios, walnuts and other tree crops.

Spraydome 1524 CDA is also a highly popular choice for controlling weeds in vineyards with varying row widths, as well as a host of amenity situations including spraying roadsides, parks and fence lines. The Spraydome CDA range incorporates a shielded design which eliminates spray drift and allows for the sprayers to be used even in windy conditions.

No drift means reduction in chemical usage as the product is deposited exactly where it is required with no loss to the atmosphere. The sprayers' shields are fitted with Micron's proven CDA (Controlled Droplet Application) atomisers which break down the spray into optimum sized droplets and evenly distribute them in the target area. Micron's

MICRON Spraydome 3049

CDA technology uses 90% water compared to traditional pressure nozzle spraying which, in turn, increases productivity.

The range also features Micron's flow control system which monitors the flow of each individual spray head for maximum performance. The system includes an indicator light to monitor the working of the CDA motor.



For wider centre rows, the units can be easily fitted with circular Spraydome 1200 CDA arms on each side which can further extend the spray width by an additional 2.3m. All Spraydome CDA models can be ATV or tractor mounted.

	Spraydome 3049 CDA
Spray width	3.0 m to 4.9 m
Spray width with Spraydome 1200 CDA extensions and 200 litre tank	5.4 m to 7.2 m
Spraying time with Spraydome 1200 CDA extensions and 200 litre tank	1.9 hours
CDA heads	4 + 2 for SD1200's
Coverage	8.3 ha

Orchard Agri F-708A Pruning Shears

Ergonomic and lightweight handles provide maximum force with minimal effort. In conjunction with the soft non-slip plastic coating, these bypass shears fit comfortably in your hands and make for a smooth and easy pruning season.

The handles however are just the beginning. Teflon coated SK5 Japanese Stainless Steel blades easily cut through branches with a diameter of up to 20 mm.

These are truly the most economical bypass pruning shears on the market today.

Features

- One-handed operation lock
- Ergonomically shaped aluminium handles
- Non-slip PVC grips
- SK-5 Japanese Stainless Steel, Teflon coated blades
- Shock absorbing spring function



Model	Cutting Capacity	Weight	Dimensions
F-708A	Branches up to Ø20 mm	195g	20cm x 5cm x 1,5cm



1. One-handed operation lock
2. Ergonomically shaped aluminium handles
3. Non-slip PVC grips
4. SK-5 Japanese Stainless Steel, Teflon coated blades
5. Shock absorbing spring function

Orchard Agri F-003 Citrus Clipper



Effortlessly harvest with precision using Orchard Agri's Premium Citrus Clippers. Crafted from durable high carbon steel, these 140 mm clippers feature a smooth spring function for reduced hand fatigue and an anti-slip leather band for a secure grip. Perfectly designed for concave fruits like apples, citrus, pears, and peaches, they deliver clean, damage-free cuts every time.

Features

- Spring function
- Anti-slip leather band
- Made from high carbon steel
- Total length: 140 mm
- Suitable for concave fruits such as apples, citrus, pears and peaches



Orchard Agri FS-05A 3-in-1 Universal Sharpener



The FS-05A is a versatile, compact sharpener designed for home and garden use. It efficiently sharpens garden shears, kitchen knives, and scissors, keeping your tools precise and ready for any task.

Features

- Multi-Purpose: Sharpens shears, knives, and scissors with ease
- Blade Lubrication: Includes oil-soaked sponge for smooth sharpening
- Tool Protection: Anti-rust oil keeps blades in top condition
- Compact Design: Easy to store in any workspace

Keep your tools sharp, safe, and ready for action with the FS-05A.

Orchard Agri Wire Care Clips

Orchard Agri Wire Clips and Nails are a strong, robust and durable alternative to the U-nails traditionally used to support foliage wires to poles. It has an extended lifespan in the high UV conditions of South Africa.

Designed to facilitate easy placement of support wires make these Wire Clips especially useful in vineyards and orchards alike. It is a very cost-effective accessory that saves work and time.

Extremely practical for trellising all types of young plants and for closing the protective cover. No special tools or knowledge are required.



Features

Easy to instal, remove and reposition

- Only Uses one nail
- Longevity of more than 4 years
- UV Stabilised clips
- Galvanised ring shank nails
- Does not damage coating on galvanised wires

Orchard Agri Square Grow Tubes

It can be damaging for young plants in a protected nursery environment, with close planting and plenty of shade, to be uprooted into a much more 'challenging' open field location. These plants can suffer and struggle to reach their full potential.



Orchard Agri's UV stabilised Grow Tubes are designed specifically to protect and assist young plants to establish in the field environment.

Use 70 for fruit trees, 90 for fruit and vineyards and 110 for fruit, vineyards and nut trees. Available in translucent green, brown, sand and white. Please ask us which colour will best suit your needs.

Features

- Light, strong and easy-to-install from flatpack format
- 100% herbicide safe when installed correctly
- Faster establishment leads to earlier cropping
- Fewer side shoots and faster growth of the young plant
- Made from environmentally friendly and recyclable Polypropylene
- Life expectancy around 3-5 years depending conditions of application

Dimesions	Lengths	Tubex Comparable	GSM
70 mm x 4	450, 600 & 750mm	Fruit Wrap	350
90 mm x 4	450, 600 & 750mm	Vine Wrap/Sky Tubes	500
110 mm x 4	600 & 750mm	Bloc Solaire	500

Orchard Agri Round Grow Tubes



Orchard Agri's UV stabilised Round Grow Tubes are designed specifically to 'nurse' young plants against potentially damaging factors as it adapts to the field environment, encouraging speedy and healthy establishment. Our Grow Tubes protect plants from herbicides and browsing animals and have been specifically designed to provide the right solution to your planting needs.

Use 70 for fruit trees, 90 for fruit and vineyards and 110 for fruit, vineyards and nut trees. Available in translucent green, brown, sand and white. Please ask us which colour will best suit your needs.

Features

- Light, strong and easy-to-install from flatpack format
- 100% herbicide safe when installed correctly
- Faster establishment leads to earlier cropping
- Fewer side shoots and faster growth of the young plant
- Made from environmentally friendly and recyclable Polypropylene
- Life expectancy around 3-5 years depending conditions of application

Diameter	Lengths	GSM
Ø 70 mm	300, 450, 600 & 750mm	500
Ø 90 mm	300, 450, 600 & 750mm	500
Ø 110 mm	300, 450, 600 & 750mm	500

Orchard Agri A-frame

A light weight equipment carrier for attaching modern equipment for under-vine and tree care. The A-frame is available with the Clemens Radius SL as shown here, for working light soil, Multi-Clean and Rotary Brush for clearing out the suckers and removing weeds from underneath the plants as well as a mower for the area between the vines. The frames can be front or rear mounted.



The A-frames are available in one working width with manual expansion by a maximum of 0.6 m as standard for row widths of 1,40 to 2,90 m.

Width	1550 mm
Length	1200 mm
Height	1600 mm
Weight	180 kg
Min. row width	2400 mm
Max. row width	3500 mm

Orchard Agri Mulch Mats



Orchard Agri's UV stabilised air and water permeable fabric is specifically designed as a hydrophobic anti-evaporation material for use in outdoor applications for up to four years, depending on weight of material (GSM) and specific exposure conditions.

Unlike plastic film, this biodegradable material's higher resistance makes it last longer. Good perviousness of the weed matt ensures air, water and fertiliser reaches the plant base, maintain root humidity while optimising growth.

Use 50GSM for one year crops like vegetables, 85GSM for vineyards and orchards for up to 3 years lifetime and 120GSM where up to 4 years product life is required.

Features

- Superior non-woven fabric
- High tensile strength and puncture resistance
- Suppresses weed growth, save on herbicides
- Advances soil temperatures
- Increases water and fertiliser absorbtion
- Reduces evaporation where up to 50% less evaporation is observed compared to uncovered areas
- Better plant growth and yield
- Biodegradable material

Product	Main Application	Performance
50 gsm	Open Field/Under Cover	Preserve soil structure - 1yr
85 gsm	Open Field/Under Cover	Preserve soil structure - 3yr
120 gsm	Open Field/Under Cover	Preserve soil structure - 4yr

SEMPI SMO Series

The Seppi SMO flail mulcher has all the qualities of a perfect mower for vineyards and orchards. Helical distributed and high resistant flails for universal use are for high cutting quality and uniformly distributed power. SMO casing is very resistant, made of high-tensile steel.

A double row of counter-cutters inside the casing will give a perfect mulch. The adjustable roller with double tapered roller bearings ensures a long life and low maintenance costs.

An adjustable large diameter roller positioned close to the rotor improves mulching on uneven ground and prevents scalping.



	125	150	175	200
Weight	460 kg	490 kg	540 kg	590 kg
Height	1200 mm	1200 mm	1200 mm	1200 mm
Depth	1200 mm	1200 mm	1200 mm	1200 mm
SMW flails	12	15	18	21
Y-knives	18	21	21	30
Roller Ø	133 mm	133 mm	133 mm	133 mm
Work speed	3-10 km/h	3-10 km/h	3-10 km/h	3-10 km/h
Hp required	40/85	40/85	40/85	48/85

SEMPI SMWA AVS



The SMWA avs is an offsetting mulcher ideal for areas hard to reach such as ditches, slopes and river banks but also does a great mulching job on steep road sides, orchards and vineyards. Great versatility is achieved by ample side shift in addition to hydraulic angling.

The SMWA avs can work from 90° up-angling to 50° down-angling, independent from the side shift, centrally behind the tractor, or offset to the side, and reach up to 274 cm [198"] to the right of the tractor center line, depending on the working width of the mulcher. Maximum side shift is 136 cm.

Available working width: 125, 155, 175, 200 cm

	125	155	175	200
Weight	490 kg	600 kg	650 kg	695 kg
Width	1370 mm	1670 mm	1900 mm	2150 mm
Height	1050 mm	1050 mm	1050 mm	1050 mm
Depth	145 mm	145 mm	150 mm	150 mm
SMW flails	12	15	18	21
Y-knives	18	21	24	30
Roller Ø	133 mm	133 mm	133 mm	133 mm
Hp required	21/65	30/65	30/70	35/70

SEMPI Stone Crusher

This versatile SEMPI soil tiller and forestry tiller STARSOIL, suitable for tractors with power class between 180 and 310 HP is equipped with a new traction system that simplifies work by ensuring greater efficiency. Soil tilling to a depth of 40 cm, crushing stones with a minimum diameter of 30 cm and mulching wood with a diameter of 40 cm.



Applications

- Crush stones on roads, farms and other areas
- Create and maintain gravel roads
- Maintaining of power and communication lines
- Grind building rubble on construction sites
- Rip and remove old layers of tarmac
- Reclaim land for agricultural use
- Improve arable fields and other land
- Prepare soil for (re)planting
- Clear forests after harvesting wood

Available working width: 225, 250 cm.



SEMPI Stone Crusher

Specifications

Working width	225 cm	250 cm
Overall width	255 cm	280 cm
Depth	140 cm	140 cm
Depth with roller	207 cm	207 cm
Height	134 cm	134 cm
Weight	3.250 kg	3.500 kg
Weight with roller	3.750 kg	4.050 kg
Gear transmission	2	2



BMV BT600L Skirter

BMV's forest cutting bars can fit both saw blades with WIDIA teeth Ø 600-750 mm. for a drastic pruning and special knives for a better trim of the tree.

The drive is done by poly-v belt.









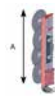
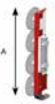
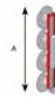

The motor has 60 l/min absorption.

According to the different necessities the bars can have 2, 3, 4, 5 or 6 cutting groups.

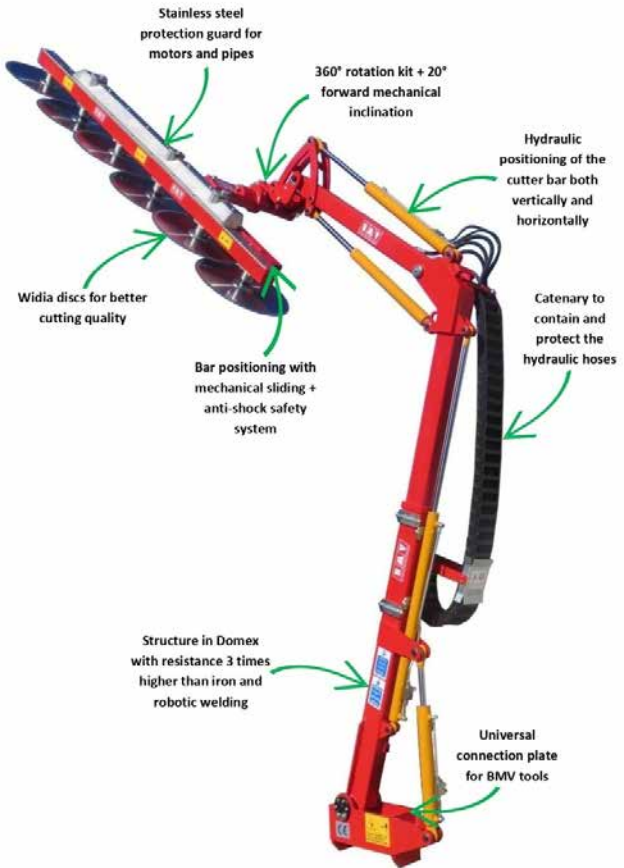


BMV BT600L

Technical Information

Model	 N°	A cm	 cm	 cm	 kg	 HP	 L/min	 cm
BT400S 	3	102	31	40	97	60	Da 30 a 60	6-7
	4	133	31	40	128			
	5	164	31	40	164			
	6	195	31	40	190			
	7	226	31	40	221			
BT500S 	4	161	38	50	63	90	Da 40 a 70	10-15
	5	202	38	50	76			
	6	240	38	50	89			
BT500L 	2	100	50.5	50	43	90	Da 60 a 110	15-20
	3	150	50.5	50	62			
	4	200	50.5	50	84			
	5	250	50.5	50	106			
	6	300	50.5	50	122			
BT600L 	4	242	60.8	60	135	90	Da 60 a 110	15-20
	5	303	60.8	60	165			
	6	364	60.8	60	190			
HB700 	4	223	51	70	285	100	Da 80 a 100	15-20

BMV FLHD900 Hedger



The BMV pruner model "FLHD900" can perform both green and dry pruning of citrus groves, olive groves, orchards and hazelnut groves. For green pruning, knives are used, for cutting branches up to 2-3 cm in diameter. For dry pruning, discs with widia teeth \varnothing 500 or \varnothing 600 are used, for branches up to 15 cm in diameter.








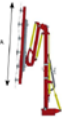

Discs and knives are easily and quickly interchangeable.

The benefits are:

- Greater air circulation
- Ease of movement of agricultural machinery
- Uniform application of chemical agents to the foliage
- Ease of application of herbicides and fertilizers to the soil

BMV FLHD900 Hedger

Technical Information

Model	 N°	A cm	 cm	 cm	 kg	 HP	 L/min	 cm
FLHD900 	5	202	38	50	480	90	60	10-15
	6	240	38	50	500			
	4	211	50.6	60	530			
	5	262	50.6	60	55			
	6	313	50.6	60	570			
FLHD900 	6	364	60.8	60	600	110	60	10-15

SICMA TR80 Harvester



Semi-trailed harvester controlled by remote control for the harvest of olives, walnuts, almonds, pecans, pistachios and hanging fruits. The TR80 combines the innovative New Generation vibration system patented by Sicma with the practicality of a trailed machine, connected to the tractor by the 3-point hitch system and operated by the cardan power shaft (with an independent hydraulic circuit).

The TR80 can operate with or without the reverse umbrella, the latter equipped with a quick release system. It requires "open field" tractors (wheeled or tracked) of at least 90 HP. The innovative remote control, the hydraulic steering aid, the heat exchanger and the valve to adjust the pressure of the jaws complete the set of accessories of the harvester. Among options, the hydraulic braking system on the two lateral wheels, increasing safety in sloping and adverse working conditions.



SICMA TR80 Harvester

TECHNICAL CHARACTERISTICS:

- Hooking & Actuation: 3-point hitch and cardan power shaft (PTO 540)
- Arm Rotation: New Generation at high frequencies, self-centring, self-braking. Two vibrating speeds
- Vibrating Head: Overturning, New Generation at high frequencies, self-centring, self-braking. Two vibrating speeds
- Controls: Remote control
- Hydraulic Circuit: Closed hydraulic circuit composed by vibration pump, services pump and heat exchanger. Hydraulic oil tank separated from the tractor circuit. Hydraulic steering support. Closure pressure jaw valve
- Reverse Umbrella (If Present): Ø 5 or 6 m (max Ø 7 m with 1/2 m extensions). Fast release system

SIZE & WEIGHT:

- Width Between Wheels: 2.320 mm
- Tires: BKT 11.5/80-15.3
- Case Capacity: 200 kg
- Total Length: 3.550 mm (with retracted arm)
- Max Height: 5.500 mm (jaws extremity with extended arm)
- Total Weight: 2.340 kg (with full oil circuit)
- Hydraulic Extension Of The Arm: 2.000 mm
- Recommended Unloading Height: Max 2.350 mm
- Battery Autonomy: ~ 6 hours

OMC Aftershock AR400 Shuttle



The key feature of the Aftershock AR400 Series III shuttle is its 180-degree powered rotating driver's console. This standard feature allows the driver to approach the conveyor cart driving backwards to load the shuttle. Once the cart is unloaded into the shuttle, the driver stops the shuttle, rotates the seat 180 degrees to the forward position, and can then drive back up the row without having to wait for the cart and harvester to move out of the way.

The shuttle achieves a top speed of 30 MPH (48KPH) whether driving forward or backward. The AR400 shuttle works best when paired with OMC's Aftershock SD-36 side-dump elevator and Aftershock CC-350 conveyor cart.

The AR400 features an articulating rear axle to go with the standard air ride suspension in front and rear. Additionally, a powerful Cummins turbo-diesel engine is standard, displacing 3.8L and providing 148hp to the load sense hydraulic system and achieving Stage V emissions performance.

The interior is upgraded as well, featuring a composite operator's console, intuitive controls, Hehr safety glass, and a redesigned cab and windows to improve operator visibility from the driver's seat.

OMC Aftershock AR400 Shuttle

STANDARD FEATURES:

- 148HP Cummins F3.8 Stage V turbo diesel engine with hydraulic reversing fan and hydraulic oil cooler
- Color Monitor and Joystick controls
- Load Sense hydraulic system
- Air conditioned cabin with 180 degree rotating operator platform
- Hehr safety glass in front and side windows
- Hydrostatic pressure compensating wheel motor drive with 15:1 gear ratio (0-30 mph)
- Air Ride Suspension
- LED night lights
- Powdercoat finish
- Back-up warning system
- Seat belt
- Adjustable load speed
- Parking and service brake
- Turn signals and stop lights
- 12×16.5 - 12-Ply tires
- Rear tow plug
- Dual augers
- Length: 21 feet
- Width: 8 feet, 6 inches
- Height: 7 feet, 6 inches
- Tank Capacity: 440 cubic feet
- Fuel capacity: 45 gallons



OMC Hedgehog

The Hedgehog family of hedgers represents OMC's commitment to providing our customer effective, durable orchard equipment products and solutions. The Hedgehog is built in our Yuba City manufacturing plant alongside our full line of reliable, high performance orchard equipment. It features a dependable 200HP Cummins turbo-diesel engine which meets EPA Tier 4 as well as EU Stage V emissions requirements.



The Hedgehog features an air-conditioned and heated cabin with an air-ride seat and ergonomic controls such as a tilt-adjustable steering wheel, joystick controls, and a color LCD monitor to keep the driver in control and well-informed. You can leave your tape measure at home, because the Hedgehog allows the driver to precisely adjust widths and angles from inside the cab using our onboard computer system.

The driver is protected by a robust steel roof structure and 1/2-inch laminated safety glass. The Hedgehog makes its way around the orchard with its hydrostatic transmission featuring a load sense hydraulic system and 4-wheel drive with traction control.

OMC Hedgehog

With 4-wheel steering turning the rugged 15.5-25 L3 12-ply tires, the Hedgehog makes its way through even the densest plantings with ease. For customers with hilly terrain, the Hedgehog can safely traverse up to 8-degree lateral inclines.

STANDARD FEATURES:

- 200HP 4.5L Cummins Stage V twin-turbo diesel engine with hydraulically-reversing engine-driven fan
- Load Sense hydraulic system
- 4-wheel-drive and 4-wheel-steering
- Traction control
- Heated and Air-Conditioned Cabin
- LED lights
- On-board air compressor
- Air Ride Seat
- Tilt steering wheel
- Backup Camera
- Hydrostatic transmission
- Powder coat finish
- Fluid Capacities:
 - Fuel: 100 gal
 - Diesel Exhaust Fluid (DEF): 10 gal
 - Hydraulic Oil: 70 gal

Model	Blade dia	No of Blades	Cut	Hedge Height	Topping Height (90-degree Max)	Maximum Topping Height (45-degree Max)
3036	36-inch	8	24'	42'7"	21'9"	34'10"
3048	48-inch	6	24'	46'5"	22'2"	38'8"

OMC Shockwave Sprint VI



If you are growing almonds, walnuts, or young pecans, the latest iteration of OMC's Shockwave Sprint tree shaker will make your life easier and boost your harvest efficiency. The key to the Sprint's high performance is its side-mounted shaker which allows the operator to glide down the row and shake up to 7 trees per minute.

The all new R-7 Magnum shaker head with 24 inch oval pads and automatic sling lubrication is standard, providing powerful shaking performance in a compact package that effortlessly moves through dense plantings. Movement is provided by a hydrostatic drive with a 19:1 ratio, with a 24:1 ratio available as a no-cost option.

An optional continuous rubber track drive system is available for superior flotation and mobility in all surface conditions. LED night lights illuminate the front, side and rear of the vehicle, while a color monitor provides crucial information and settings inside. Heating and air-conditioning are standard, for more comfortable and productive days in the field.



Weiss McNair by OMC 2930 Sweeper



The 2930 is our newest environmentally-friendly Self-Propelled Sweeper. Powered by a John Deere 4045-T, Tier 4F, 74 HP engine, requiring NO DEF FLUID. The ground drive features two-speed piston motors with double-reduction gear boxes powered by a high efficiency hydraulic system. The 2930 is a versatile and powerful unit that includes an ergonomic seat and fully illuminated dash panel switches. The 2930 standard equipment includes rear view camera and full heating & air conditioning in a dust-free, pressurized cab. Cabin has doors and oversized windows for improved visibility and easy entry, a full gauge display with tachometer, engine temperature, and oil pressure, along with an easy-to-read electronic fuel level display.

Availability	Worldwide
Engine	John Deere 4045T, Tier 4 Final, Diesel, Model 4045TFC03, 4.5L
Engine Power	74 hp
Top Speed	13 mph
Height	69"
Fuel Capacity	26 gal
Standard Package	Backup camera, climate control, hydraulic control of air gate and chute position, ground speed indicator, LED light package

Weiss McNair by OMC 2930 Sweeper

Tine Bar	5Bar - 6' 6", 7' 6", 8'6" & 9' 6" 6 Bar - 7' 6", 8'6" & 9' 6"
Options	Traction Valve, 3WD, Power V
Features	<ul style="list-style-type: none">• Auto-tensioning blower drive• Quick-release lever for quick, tool-free blower belt changes• Two-speed piston motor ground drive with double reduction gearboxes for extraordinary grade-ability and speed• High-visibility tachometer gauge with inset fuel, engine temperature and ground speed• Electric over hydraulic control of air gate and chute position• High-efficiency hydraulic system

Weiss McNair by OMC 9810 Harvester



The Weiss McNair 9810 Harvester is a recent upgrade to the successful 9800 harvester. Refreshed pumps, motors and hydraulic tank, coupled by a new hydraulic circuit, and drive improvements for almond, walnut and hazelnut harvesting. Active cooling boosts the bank-out option cart flexibility. These innovations lead to improved efficiency and improved thermal performance that let the machine do more to bring in your harvest. Dirt drops through the chains before the proven vacuum system pulls debris from the crop, delivering less dust and a cleaner harvest.

The 9810 is designed to meet California clean air and water regulations. Extra-large rear balloon tires provide maximum flotation for reduced compaction. Serviceability is improved by a vacuum housing and tunnel designed for easier access and simpler replacement.

- Economical
- Optimized Hydraulics Run Cooler
- Easier Belt Change with Gearbox
- Faster, Cleaner Harvest
- Streamlined Profile
- Easy Access to all Parts for Convenient Servicing
- Onboard Stowage for PTO Shaft

Weiss McNair by OMC 9810 Harvester

Availability	Worldwide
Min Horsepower	Single pump option: 65hp Bank-out option: 85hp
P.T.O. Shaft	44 Series
Gear Box	High speed, long life
Dirt Chain	Twin-rod, belted bar, mesh, tube and flat wire Almond, Walnut, Hazelnut
Windrow Capacity	48"
Options	Bank-out hydraulics Paddle wheels Hydraulic hitch Camera Tractor-controlled work lights 2-Speed elevator
Dimensions	Length: 237" ; Height: 82" ; Width: 89" Wheelbase: 101"
Features	Designed for optimal efficiency and serviceability

Weiss McNair by OMC B87 Blower



The Weiss McNair heavy-duty B-87 series blowers are designed to clean tree rows in the toughest harvest conditions. With an easy 3 point hitch and drive shaft hookup the B-87 one-way blower's superior performance meets all the requirements with plenty of reserve cleaning power. The B-87 series features can be easily adapted to farms, industrial parks, golf courses, race tracks, etc. for moving leaves and debris quickly and economically.

Hitch	Standard three-point
Power	80HP P.T.O. @540RPM MIN
Drive Belt	Five groove 5V belts
Air Speed Discharge	140 MPH
Air Volume	25000 CFM
Directional Chute	Many combinations available to fit the applications growers need for their orchards
Dimensions	B-87 One-way: Height 47", Weight 1050 lbs B-87 Two-way: Height 47", Weight 1450 lbs
Options	1000 RPM P.T.O Directional Chute Berm Nozzle Open Nozzle Air gate control valve (when not using tractor remote)

OSAM Autonomous Multi-Function Sprayers

Orchard Agri proudly introduces South Africa's first autonomous orchard and vineyard sprayers from LJ Tech, China. The OSAM range - including the S450, S500 Pro, and S1000 - delivers compact, autonomous spraying solutions for orchards and vineyards.

Key Benefits:

- Autonomous & Driverless - advanced navigation for independent operation
- Day or Night Spraying - flexible schedules for efficiency
- Chemical Efficiency - up to 20% reduction in usage
- Labour Savings - one operator can manage up to 4 units
- Health & Safety - reduces operator exposure
- Rubber Tracks - superior traction, lower soil compaction, precise manoeuvring
- A smarter, safer, and more cost-effective alternative to specialised tractors.

One Machine. Job Done.
OSAM. Simply awesome.



OSAM S450 Autonomous Multi-Function Sprayer



The OSAM S450 is a compact, agile autonomous sprayer designed for small to medium orchards and vineyards. Its lightweight, narrow-profile chassis allows it to easily navigate tight rows and delicate trellises where larger machines cannot reach. Unique to the S450 is an efficient hybrid petrol/diesel and battery system that delivers reliable operation with minimal refuelling while keeping the machine nimble and versatile. The sprayer also features automatic stop-on-turn spraying, reducing chemical waste in tight corners and row transitions.

Built as a multi-function platform, the S450 combines precision application, autonomous operation, and labour savings, making it ideal for growers who need a highly manoeuvrable, cost-effective autonomous sprayer.

Specification	OSAM S450
Dimensions (L × W × H)	2100 × 1200 × 1200 mm
Endurance / Working Time	≥ 5 hours per fuel cycle
Power System	13 kW / 17Hp diesel engine, 48 V 44 AH lead-acid battery
Tank Capacity	450 L spray tank
Travel Speed	Up to 3.6 km/h
Navigation	GNSS + RTK (Base Station / CORS Net) + IMU (Inertial Navigation)
Chassis Type	Track / crawler chassis
Spray Range	Up to 30 m width, 7-10 m height

OSAM S500 Pro Autonomous Multi-Function Sprayer



The OSAM S500 Pro is a mid-to-large autonomous orchard sprayer designed for precision, efficiency, and advanced automation. Its hybrid range-extended electric power system allows longer operation with reduced fuel use, while the intelligent multi-sensor navigation (RTK GPS + LiDAR + visual recognition) provides centimetre-level accuracy even in complex orchard layouts.

The S500 Pro (as well as the S1000) has adaptive spray control, which automatically adjusts volume and spray pattern based on canopy density and tree size, ensuring optimal coverage while minimizing chemical waste. The compact yet powerful chassis allows high stability and manoeuvrability in medium-width orchard rows.

Specification	OSAM S500 Pro
Dimensions (L x W x H)	2840 x 1290 x 1450 mm
Endurance / Working Time	≥ 6 hours
Power System	33 kW / 45Hp diesel engine, 83.7 V super capacitor
Tank Capacity	500 L main tank + 30 L cleaning tank
Travel Speed	Up to 4.5 km/h
Navigation	GNSS + RTK (Base Station / CORS Net) + LiDAR + IMU + Visual Recognition
Chassis Type	Track / crawler chassis
Spray Range	15 - 18 m width, 5 - 7 m height

OSAM S1000 Autonomous Multi-Function Sprayer



The OSAM S1000 is a high-capacity autonomous sprayer designed for large-scale orchards and vineyards. Unlike smaller models, it features extended-range spraying with dual 500L tanks, high-capacity airflow systems for uniform canopy coverage, and enhanced multi-sensor navigation for centimetre-accurate operation across complex terrain.

Its long endurance and fast refilling design allow uninterrupted work on expansive orchards, while the advanced obstacle detection and adaptive spray control minimize chemical waste and maximize efficiency.

Specification	OSAM S1000
Dimensions (L x W x H)	4490 x 1720 x 1920 mm
Endurance / Working Time	≥ 7 hours
Power System	36 kW / 48Hp diesel engine, 96 V super capacitor
Tank Capacity	1000L main tank with agitator + 100L cleaning tank + 15L hand rinse tank
Travel Speed	Up to 4.5 km/h
Navigation	GNSS + RTK (Base Station / CORS Net) + LiDAR + IMU + Visual Recognition
Chassis Type	Track / crawler chassis
Spray Range	Up to 2 m width, 6-12 m height

OSAMOTO ATV BM40DU Electric ATV



The OSAMOTO BM40DU is a powerful, all-terrain electric ATV built for tough work and reliable performance. Featuring a 7.4 kWh lithium battery and permanent magnet synchronous motor, it delivers strong torque and smooth power delivery for demanding environments. With selectable drive modes, robust suspension, and high towing and cargo capacity, it's ideal for farms, estates, security, and utility operations.

Specification	Details
Battery System	Lithium, 7.4 kWh nominal
Estimated Range	Up to 90 km
Motor Type	Permanent magnet synchronous motor
Power	11 hp
Torque	70 Nm
Transmission	H / M / L / N / R; shaft drive, 2WD
Front Suspension	McPherson independent suspension
Rear Suspension	Leaf spring suspension
Brakes	Front / Rear disc
Front Tyres	24 × 8-12
Rear Tyres	24 × 10-12
Ground Clearance	180 mm
Cargo Box Capacity	250 kg
Cargo Box Dimensions	1600 × 1200 × 500 mm
Wheelbase	2000 mm
Weight	433 kg
Overall Size	3130 × 1270 × 1470 mm
Towing Capacity	1000 kg

OSAMOTO ATV BM40DAU-B Electric ATV



The OSAMOTO BM40DAU-B is a high-performance, long-range electric ATV designed for versatile utility and off-road mobility. Powered by an 11.5 kWh lithium battery and a permanent magnet synchronous motor, it reaches speeds up to 65 km/h while delivering reliable, efficient performance. Compact yet robust, it's ideal for farms, estates, security patrols, and light cargo transport.

Specification	Details
Battery System	Lithium, 11.5 kWh nominal
Estimated Range	160-180 km
Motor Type	Permanent magnet synchronous motor
Max Speed	65 km/h
Power	11 hp
Transmission	H / M / L / N / R; shaft drive, 2WD
Weight	330 kg
Payload Capacity	85 kg
Person Capacity	1
Front Suspension	McPherson independent suspension
Rear Suspension	Integral bridge suspension
Brakes	Front / Rear disc
Front Tyres	24 × 8-12
Rear Tyres	24 × 10-12
Ground Clearance	200 mm
Seat Height	800 mm
Wheelbase	1430 mm
Overall Size	2130 × 1050 × 1450 mm

OSAMOTO Electric UTV



Built for tough environments, the OSAMOTO Electric UTV delivers reliable, all-electric performance with space for up to 6 passengers. With a powerful 5 kW motor, 80-100 km range, and rugged suspension, it handles farm roads, estates, and off-road terrain with ease. High ground clearance, durable construction, and modern features like LED lighting and an LCD display make it the smart, low-maintenance solution for everyday transport.

Feature	Specifications
Seating Capacity	6 passengers
Motor	AC, 72 V, 7.5kW
Battery	Lithium battery, 72 V, 150Ah
Range	80-100 km
Top Speed	40 km/h
Charging Time	6-8 hours
Dimensions (L×W×H)	3550 × 1280 × 2040 mm
Ground Clearance	260 mm
Turning Radius	4 m
Slope Capability	30%
Brakes	Front & rear disc brakes
Suspension	Independent front, rear axle
Tires	23×10-14 alloy wheels
Weight	650 kg
Dashboard	LCD instrument, shows time, speed, driving range, battery capacity, etc.
Lights	Front & rear combination LED lights
Seats	Bus cold foam sponge + high resilience PU leather fabric
Body material	Steel frame + ABS engineering plastic moulding material

JINPENG E-JB150Z Electric Tricycle

with hydraulic tipper



The Jinpeng E-JB150Z is a robust electric tricycle designed for cargo transport and commercial use. With a 600kg payload and a hydraulic dump cargo box, it offers practical, efficient transport. Powered by a 72V 1500W motor, it delivers a range of up to 60km per charge. Compact, agile, and capable on slopes up to 25%, it's ideal for farms, parks, municipal work, and urban deliveries. Low-maintenance and fast-charging, the E-JB150Z is a smart, eco-friendly transport solution.

Specification	Details
Motor & Controller	72V 1500W
Battery	72V 58Ah Lead-Acid
Charging Time	6-8 h
Range per Charge	Up to 60 km
Maximum Speed	25 km/h
Maximum Load	600 kg
Dimensions (L×W×H)	2868 x 1142 x 1435 mm
Cargo Box Size	1500 × 1100 × 435 mm
Frame	Heavy-duty cargo frame
Brakes	Front Disc / Rear Drum
Tyres	Mountain Type (Front 4.0 -12 / Rear 4.0 -12)
Tipper	Hydraulic
Features	Tight turning radius, stable cargo platform

JINPENG E-ZJ150 Electric Tricycle

with manual tipper



The Jinpeng E-ZJ150 is a reliable electric tricycle with a 450kg payload, sturdy double-layer frame, and a spacious cargo box (1500×1050×300mm) with manual tipper. Powered by a 72V1000W motor, it offers smooth performance, a 62-70km range, and a top speed of 35km/h. Ideal for farms, parks, municipalities, and commercial use, it's a practical, eco-friendly solution for transporting goods and equipment efficiently.

Specification	Details
Motor & Controller	72V1000W (Nameplate 2800W)
Battery	72V45Ah Lead-Acid (6 pcs)
Charging Time	6-8 h
Range per Charge	62-70 km
Maximum Speed	35 km/h
Maximum Load	450 kg
Dimensions (L×W×H)	2853 x 1180 x 1302 mm
Cargo Box Size	1500 × 1050 × 300 mm
Frame	Double-layer structure frame
Brakes	Front Disc / Rear Drum
Tyres	Mountain Type (Front 3.5-12 / Rear 3.75-12)
Tipper	Manual
Features	Colour display instrument panel, smooth start

JINPENG E-DLS150 Pro Electric Cargo Tricycle



The Jinpeng E-DLS150 Pro is a powerful electric cargo tricycle built for efficient transport and heavy-duty work. Equipped with a 72V 2000W motor and 72V 80Ah lead-acid battery, it delivers strong performance with a top speed of 43 km/h and a driving range of 70-80 km per charge.

With its robust build and spacious cargo box, the E-DLS150 Pro is ideal for farms, warehouses, estates, municipal work, and last-mile deliveries where reliable electric transport and high load capacity are essential.

Specification	Details
Dimensions	3020 × 1176 × 1395 mm
Cargo Box Size	1500 × 1100 × 490 mm
Weight	238 kg
Load Capacity	500 kg
Motor	72V 2000W
Battery	72V 80Ah Lead-acid
Max Speed	43 km/h
Range	70-80 km
Charging Time	6-8 h

JINPENG E-TJ150 Electric Cargo Tricycle



The Jinpeng E-TJ150 is a heavy-duty electric cargo tricycle built for reliable, high-capacity transport. With a 72V 2000W motor, 500 kg load capacity, and up to 70 km range, it's ideal for farms, warehouses, estates, and delivery operations requiring efficient, low-cost mobility.

Specification	Details
Dimensions	2955 × 1176 × 1725 mm
Cargo Box Size	1500 × 1100 × 330 mm
Weight	256 kg
Load Capacity	500 kg
Motor	72V 2000W
Battery	72V 80Ah
Max Speed	40 km/h
Range	60-70 km
Charging Time	6-8 h



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