

TRADITION AND TECHNOLOGY
PRODUCTS & SERVICES
TRUST AND CREDIBILITY



AGRICULTURAL SPRAYERS
LOW COST / HIGH BENEFITS

PRODUCTS CATALOG - 2024



ABOUT US



Pompéia, São Paulo, Brazil!

- Founded on October 16, 1973, IMEP has over 50 years of tradition in solutions for agricultural implements.
- The company is 100% Brazilian.
- It currently has 154 employees and an area of 18,000m².
- Located 450 km from the capital of Brazil's highest GDP state, São Paulo, and 550 km from the port of Santos. Strategically located in the west of the state of São Paulo, close to the main agricultural producing states.
- In addition to the domestic market, the company operates commercially in South America, Central America and Africa;
- It has a broad portfolio of solutions for sprayers and implements, as well as manufacturing and selling spare parts and polyethylene tanks.

COST BENEFIT POSITIONING



ECONOMIC LINE SPRAYERS

We offer smaller farmers and family farmers a range of sprayers that can be attached to the 3rd point of the tractor, with top-of-the-range components and an epoxy-painted chassis structure, with piston pumps and high-performance spray nozzles/points.



BOOMS ECOMAXX-10X

ENTRY-LEVEL SPRAYER, LOW COST AND EASY TO HANDLE AND MAINTAIN.

3RD TRACTOR POINT
EPOXY PAINTING

Weight (empty)	120 kg
Height	2.30m
Length	1.50 m
Width	2.20m



TECHNICAL SPECIFICATIONS

Booms:

- Length (m) : 10.00
- Spacing between nozzles (cm): 50
- Nozzles: monojet.
- Lift and unlock system
- Side (X-shaped closure).
- Hose branches.

Chemical circuit:

- Control valve: DL02 manual.
- Stirrer: Hydraulic.
- Ceramic-sleeves piston pump 40 l/min.
- PTO: 540 rpm.
- Main filter 100 l/min.
- Compensating chamber.

Tank:

- Available capacities (l): 300 / 400 / 600 and 800.
- Material: Polyethylene - black color.
- Clean water tank: 15 liters.
- Main tank strainer with bottle washer.



BOOMS ECOMAXX

ENTRY-LEVEL, LOW-COST SPRAYER WITH MORE BOOM LENGTH OPTIONS SUPPLIED ONLY WITH STANDARD COMPONENTS FROM THE ECONOMY LINE.

3RD TRACTOR POINT
EPOXY PAINTING

Weight (empty)	650 kg
Height	3.20 m
Length	1.40 m
Width	1.35 m



TECHNICAL SPECIFICATIONS

Booms:

- Length (m) : 9.50 / 12 / 14
- Spacing between nozzles (cm): 50
- Nozzles: monojet.
- Lift cable and pulley system.
- Hose branches.
- Working height of 0.50 to 1.50m from the ground.

Chemical circuit:

- Control valve: DL02 manual.
- Stirrer: Hydraulic.
- Ceramic-sleeves piston pump: 75 l/min.
- PTO: 540 rpm.
- Main Filter 100 l/min.
- In-line filters.
- **Optional:** Filler unit

Tank:

- Available capacities (l): 300 / 400 / 600 / 800.
- Material: Polyethylene - black color.
- Clean water tank: 15 liters.
- Main tank strainer with bottle washer.

OPTIONAL



FILLER UNIT

BOOMS ECOMAXX-THOR

TECHNICAL SPECIFICATIONS

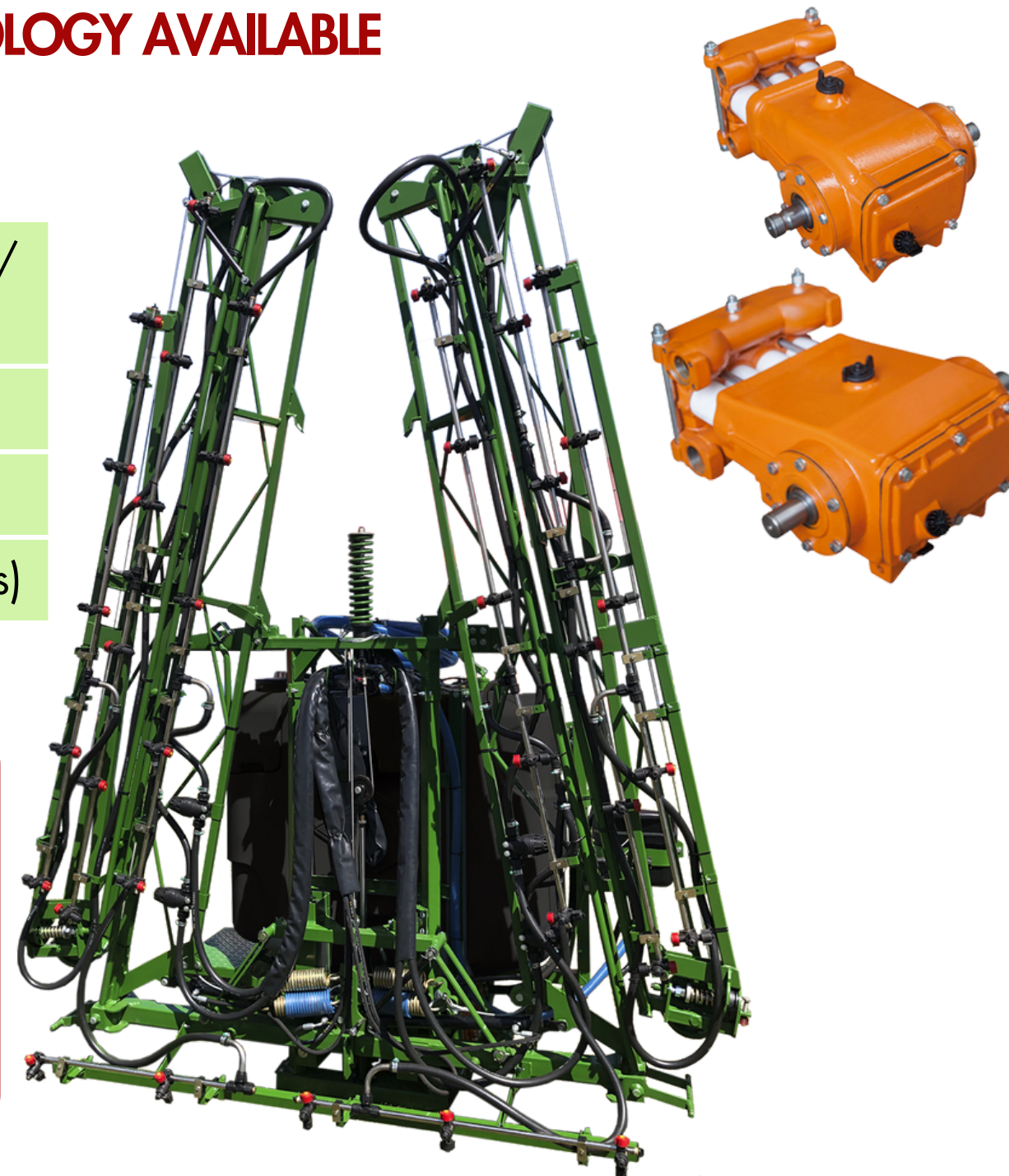
HYDRAULICALLY DRIVEN BOOM SPRAYER WITH MANUAL OR ELECTRIC CONTROLLER.

PRECISION AGRICULTURE TECHNOLOGY AVAILABLE

3RD TRACTOR POINT

EPOXY PAINTING

Weight (empty)	306-400 / 356-450 / 506-550 kg
Height	3.10 m
Length	1.60 m
Width	2.00 m (closed booms)



Booms:

- Length (m) : 12 / 14 / 16 / 18
- Spacing between nozzles (cm): 50
- Nozzles: Bijet antigotejo nozzle holder (JCVI-01 / LBDI-1 10°)
- Hydraulic boom control (manual / levers) and "unlock" anti-impact system.
- Stainless steel branches
- Working height of 0.50 to 1.70m from the ground.

Chemical circuit:

- Control valve: VAR 02-way.
- **Optional:** Masterflow Manual or Electric 04-way ARAG.
- Stirrer: Hydraulic.
- Ceramic-sleeves piston pump: 75 / 100 l/min (for the 18m boom version).
- PTO: 540 rpm.
- Main filter 100 l/min.
- In-line filters
- Filler unit
- **Optional:** Agrochemical mixer kit with bottle wash - 20 liters.

Tank:

- Available capacities (l): 600 / 800 / 1000.
- Material: Polyethylene - gray color.
- Clean water tank: 15 liters.
- Main tank strainer with bottle washer.

LIVESTOCK ECOPEC

SPRAYER FOR PASTURE PEST CONTROL, WITH TOP-OF-THE-RANGE COMPONENTS, EASY TO USE AND MAINTAIN.

3RD TRACTOR POINT
EPOXY PAINTING

Weight (empty)	198kg
Height	2.35m
Length	1.50 m
Width	1.35 m

OPTIONAL



FILLER UNIT



TECHNICAL SPECIFICATIONS

Booms:

- Boom length (m): 2.20
- Height settings (m): from 0.50 m to 2.25 m above the ground.
- Nozzles: MJE / TK.
- Opening with shock absorbers.
- Working range: 12m.
- Hose reel: 2 units
- Spray lance: 2 units.

Chemical circuit:

- Control valve: manual CI 02-way / DL 02-way Model IMEP.
- Stirrer: Hydraulic.
- Ceramic-sleeves piston pump: 75 l/min.
- PTO: 540 rpm.
- Main filter 100 l/min.
- **Optional: Filler unit**

Tank:

- Available capacities (l): 300 / 400 / 600 / 800.
- Material: Polyethylene
- Clean water tank: 15 liters.
- Main tank strainer with bottle washer.

AGRICULTURAL ECOHUSKY

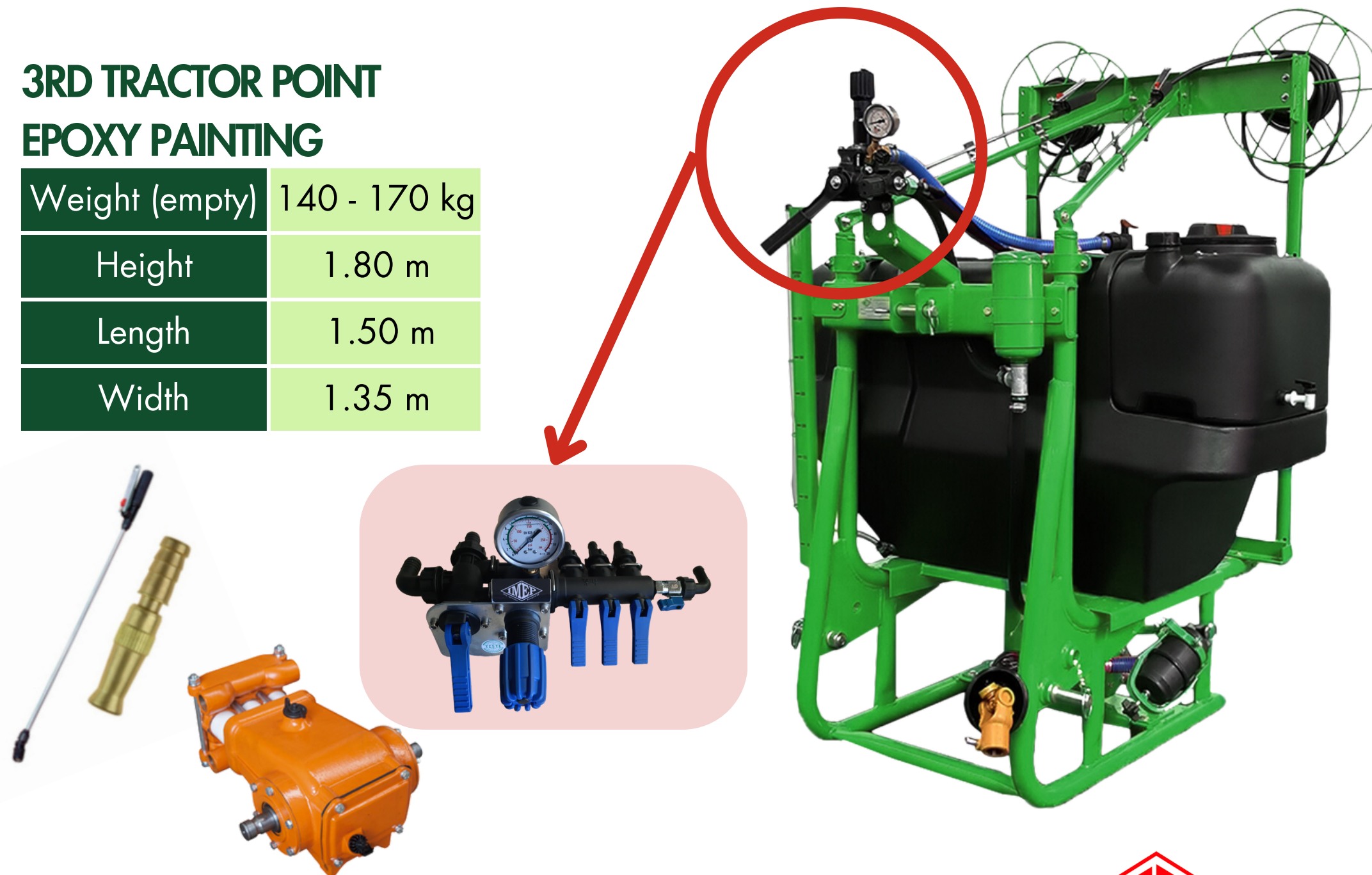
TECHNICAL SPECIFICATIONS

LANCE / NOZZLE

SPRAYER FOR LOCALIZED CONTROL OR FOR CLEANING FARMS, HOSES AND SHEDS, WITH TOP-OF-THE-RANGE COMPONENTS, EASY TO HANDLE AND MAINTAIN.

3RD TRACTOR POINT EPOXY PAINTING

Weight (empty)	140 - 170 kg
Height	1.80 m
Length	1.50 m
Width	1.35 m



Lances and nozzles:

- Hose length (m): 12
- Number of lances or nozzles: 02.
- Reels: 02.

Chemical circuit:

- Control valve: manual DL 02-way.
- Stirrer: Hydraulic.
- Ceramic-sleeves piston pump: 75 l/min.
- PTO: 540 rpm.
- Main filter 100 l/min.

Tank:

- Available capacities (l): 300 / 400 / 600 / 800.
- Material: Polyethylene - color black
- Clean water tank: 15 liters.
- Main tank strainer with bottle washer.

Other versions / Adaptable options:

- Lance or nozzle / livestock kit.

AGRICULTURAL ECOHUSKY

TECHNICAL SPECIFICATIONS SPRAY GUN

SPRAYER FOR LOCALIZED CONTROL OR FOR CLEANING FARMS, HOSES AND SHEDS, WITH TOP-OF-THE-RANGE COMPONENTS, EASY TO HANDLE AND MAINTAIN.

3RD TRACTOR POINT EPOXY PAINTING

Weight (empty)	140 - 170 kg
Height	1.80 m
Length	1.50 m
Width	1.35 m



Spray Gun / Spear and nozzle:

- Hose length (m): 12
- Number of spray guns: 02.
- Reels: 02.

Chemical circuit:

- Control valve: 02-way VAR manual.
- Stirrer: Hydraulic.
- Ceramic-sleeves piston pump: 75 l/min.
- PTO: 540 rpm.
- Main filter 100 l/min.

Tank:

- Available capacities (l): 300 / 400 / 600 / 800.
- Material: Polyethylene - color black
- Clean water tank: 15 liters.
- Main tank strainer with bottle washer.

Other versions / Adaptable options:

- Lance or nozzle / livestock kit.

TURBO ATOMIZERS ECOTHUNDER

TECHNICAL SPECIFICATIONS

SPRAYER FOR PEST CONTROL IN COFFEE, CITRUS AND FRUIT TREES. THE SENSATION OF THE MARKET!

ONLY SUPPLIED WITH STANDARD COMPONENTS FROM THE ECONOMY LINE.

3RD TRACTOR POINT

EPOXY PAINTING

Weight (empty)	170 - 210 kg
Height	1.50 m
Length	1.75 m
Largura	1.10 to 1.35 m



Turbine:

- Deflector material: fiberglass
- Diameter: 750mm with safety lock.
- Number of nozzles on the branches: 16.
- Nozzles: Anti-drip nozzle holder cone JCVI-02.
- Individual closure of the nozzle holders.
- Brass branches.
- RPM: 1800 rpm (PTO: 540 rpm)
- Air volume: 10 m³/s

Chemical circuit:

- Control valve: 02-way VAR manual.
- Ceramic-sleeves piston pump: 75 l/min.
- PTO: 540 rpm.
- Main filter 100 l/min.
- Stirrer: Hydraulic.

Tank:

- Available capacities (l): 300 / 400 / 600 / 800.
- Material: polyethylene - color black
- Clean water tank: 15 liters.
- Main tank filter with spray bottle washer.

AISLERS AGRICULTURAL / HERBICIDE ECOWING

TECHNICAL SPECIFICATIONS

SPRAYER FOR APPLYING HERBICIDE TO CONTROL PESTS IN COFFEE, CITRUS, FRUIT AND FORESTRY PLANTATIONS. ONLY SUPPLIED WITH STANDARD COMPONENTS FROM THE ECONOMY LINE.

3RD TRACTOR POINT

EPOXY PAINTING

Weight (empty)	200 to 250kg
Height	1.65m
Length	1.75m
Width	1.75m (Retracted wings) 2.90 (open wings)



Protective wings:

- Material: Polyethylene and steel structure.
- Number of nozzles: 4.
- Nozzles: Flat Fan.
- Application range up to 2.90m wide.

Chemical circuit:


- Control valve: DL 03-way manual.
- Ceramic-sleeves piston pump: 75 l/min.
- Main filter 100 l/min.
- Stirrer: Hydraulic.

Tank:

- Available capacities (l): 300 / 400 / 600 / 800.
- Material: polyethylene - color black
- Clean water tank: 15 liters.
- Main tank filter with spray bottle washer.



OUR CUSTOMER SERVICES CHANNELS

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SEE MORE, OUR BOOMS AND AIR BLAST SPRAYERS WITH HIGH PERFORMANCE AND AGRICULTURAL PRECISION TECHNOLOGY TO GRAIN/CEREALS AND SUGAR-ENERGY, CROP TREES AND LIVESTOCK

Know our spraying nozzles



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