

TRADITION AND TECHNOLOGY
PRODUCTS & SERVICES
TRUST AND CREDIBILITY



AGRICULTURAL SPRAYERS - CROP TREES
AIR BLAST / TURBO ATOMIZER / HIGH REACH

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.

HIGH REACH LONGJET

SPRAYER FOR PEST CONTROL IN DENSE COFFEE, DENSE AND TALL FRUIT TREES (CROP TREES), PASTURES.

**3RD TRACTOR POINT
EPOXY PAINTING**

Weight (empty)	450 kg
Height	2.96 m
Length	1.64 m
Width	1.85 m



TECHNICAL SPECIFICATIONS

Turbine:

- Diameter: 400 or 600mm with safety lock.
- Number of nozzles: 3 (high flow).
- Hydraulic command: tractor hydraulics.
- Rotating position/movement: 180°.
- Angle/tilt position/movement: 30°.
- Range of up to 35m.
- **Optional:** 1.00 / 1.50 and 2.00 meter extensions.

Chemical circuit:

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

Tank:

- Capacities available: 400 / 600 / 800.
- Material: polyethylene
- Clean water tank: 15 liters.
- Main tank filter with spray bottle washer.

TURBO ATOMIZERS THUNDER

TECHNICAL SPECIFICATIONS

SPRAYER FOR PEST CONTROL IN COFFEE, CITRUS
AND FRUIT TREES.

THE MARKET SENSATION!

ELECTRIC CONTROL AVAILABLE

ARAG 02 WAY

3RD TRACTOR POINT

EPOXY PAINTING

Weight (empty)	165 - 175 kg
Height	1.15 to 1.30 m
Length	1.25 to 1.35 m
Width	1.00 to 1.15 m



Turbine 530 mm:

- Deflector material: fiberglass
- Number of nozzles on the branches: 12.
- Nozzles: Anti-drip cone nozzle holder JCVI-02.
- Brass branches.
- RPM: 1350 rpm (PTO: 540 rpm).
- Air volume: 3.3 m³/s
- Air speed: 60 km/h
- Power required: 3.5 HP

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 (liters): 200 / 270/ 300.
- Material: polyethylene - color: grey.
- Clean water tank: 12 liters
- Main tank filter with spray bottle washer.

TURBO ATOMIZERS THUNDER

TECHNICAL SPECIFICATIONS

SPRAYER FOR PEST CONTROL IN COFFEE, CITRUS AND FRUIT TREES.

THE MARKET SENSATION!

ELECTRIC CONTROL AVAILABLE

ARAG 02 WAY

3RD TRACTOR POINT

EPOXY PAINTING

Weight (empty)	165 - 210 kg
Height	1.15 to 1.50 m
Length	1.25 to 1.75 m
Width	1.00 to 1.35 m



750 mm turbine:

- Deflector material: fiberglass
- Number of nozzles on the branches: 16.
- Nozzles: Anti-drip nozzle holder cone JCVI-02.
- **Individual closure of the nozzle holders.**
- **Turbine disarming/clutching.**
- Brass branches.
- RPM: 1800 rpm (PTO: 540 rpm).
- Air volume: 10 m³/s
- Air speed: 110 km/h
- Power required: 14 HP

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 (liters): 400 / 600 / 800.
- Clean water tank: 15 liters.
- Main tank filter with spray bottle washer.

OPTIONAL
ELECTRIC 02-WAY ARAG



OUR DIFFERENTIALS



1500 liter version

THUNDER TRAILER

www.imep.ind.br



Turbine

1. Individual closure of the nozzle holders.
2. Turbine disarming/clutching.

Tank

1. Variety of liter capacities to suit various tractor lines.
2. Compact design so as not to damage plants during application.

Chassis

1. Reinforced structure made of carbon steel.
2. Surface treatment and **electrostatic powder painting (epoxy)**.

STANDARD ITEMS



CERAMIC-SLEEVES PISTON PUMP:
75 L/MIN.



MANUAL VAR 02-WAY CONTROL VALVE WITH CABLE
300 psi

OPTIONALS



FILLER UNIT

02-WAY ELECTRIC CONTROL VALVE

ARAG[®]
A Nordson Company



HOMOKINETIC CARDAN (CVJ) / WIDE ANGLE

@imep.agricola

TURBO ATOMIZERS THUNDER

SPRAYER FOR PEST CONTROL IN COFFEE, CITRUS AND FRUIT TREES.

THE MARKET SENSATION!

ARAG 02-WAY ELECTRIC CONTROL AVAILABLE

TRAILER

EPOXY PAINTING

Weight (empty)	650kg
Height	1.50m
Length	4.00m
Width	1.49m

OPTIONAL ELECTRIC 02-WAY ARAG



TECHNICAL SPECIFICATIONS

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.**

• **Turbine disarming/clutching.**

- Brass branches.
- RPM: 1800 rpm (PTO: 540 rpm)
- Air volume: 10 m³/s
- Air speed: 110 km/h
- Power required: 14 HP

Chemical circuit:

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

Tank:

- Available capacities (liters): 600 / 800 / 1200 / 1500.
- Material: polyethylene.
- Clean water tank: 20 liters.
- Main tank filter with spray bottle washer.

Wheelset/Axle:

- Single axle / tires: 750 / 16
- **Optional:** homokinetic cardan shaft / large angular joint

TURBO THUNDER ATOMIZERS TOWER

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

ARAG 02-WAY ELECTRIC COMMAND AVAILABLE

TRAILER

EPOXY PAINTING

Weight (empty)	800kg
Height	2.80m
Length	4.00m
Width	1.49m



TECHNICAL SPECIFICATIONS

Turbine:

- Deflector material: fiberglass
- Diameter: 750mm with safety lock.
- Number of nozzles on the branches: 19.
- Nozzles: Anti-drip nozzle holder cone JCVI-02.
- **Individual closure of the nozzle holders.**
- **Turbine disarming/clutching.**

- Brass branches.
- RPM: 1800 rpm (PTO: 540 rpm)
- Air volume: 11 m³/s
- Air speed: 110 km/h
- Power required: 14 HP

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.
- **Optional: Filler unit.**

Tank:

- Available capacities (liters): 600 / 800 / 1200 / 1500.
- Material: polyethylene.
- Clean water tank: 20 liters.
- Main tank filter with spray bottle washer.

Wheelset/Axle:

- Single axle / tires 750 / 16.
- **Optional: homonothetic cardan shaft / large angular joint**

TURBO THUNDER ATOMIZERS TOP

SPRAYER FOR PEST CONTROL ON PAPAYA, COCONUT, PALM, RUBBER AND HIGH-CANOPY FRUIT TREES.

ARAG 02-WAY ELECTRIC COMMAND AVAILABLE

TRAILER

EPOXY PAINTING

Weight (empty)	1040kg
Height	2.30m
Length	4.50m
Width	2.00m

**OPTIONAL
ELECTRIC 02-WAY ARAG**



TECHNICAL SPECIFICATIONS

Fruit Turbine / papaya:

- Deflector material: fiberglass
- Diameter: 850mm with safety lock.
- Number of nozzles on the branches: 32 - 3P.
- Nozzles: Anti-drip nozzle holder cone JCVI-02.
- **Individual closure of the nozzle holders.**
- **Turbine disarming/clutching.**
- Brass branches.
- Spraying range (m): 5.00.
- RPM: 1800 rpm (PTO: 540 rpm)
- Air volume: 3P - 18.6 m³/s.
- Air speed: 110 km/h
- Power required: 3P - 19 HP

Chemical circuit:

- Control valve: manual VAR 02-way cable.
- Ceramic-sleeves piston pump (l/min): 150 - 2P
- Main filter: 200 l/min.
- Stirrer: hydraulic.
- **Optional: Filler unit**

Tank:

- Available capacities (liters): 1200 / 1500.
- Material: fiberglass.
- Polyethylene clean water tank: 20 liters.
- Main tank filter with spray bottle washer.

Wheelset/Axle:

- Single axle with adjustable gauge / 11L15 tires.
- **Optional: Cardan shaft homokinetic / large angular joint**

TURBO THUNDER ATOMIZERS TOP 2000

SPRAYER FOR PEST CONTROL ON PAPAYA, COCONUT, PALM, RUBBER AND HIGH-CANOPY FRUIT TREES.

ARAG 02-WAY ELECTRIC COMMAND AVAILABLE

TRAILER

EPOXY PAINTING

Weight (empty)	1040kg
Height	2.30m
Length	4.50m
Width	2.00m



**OPTIONAL
ELECTRIC 02-WAY ARAG**



ESPECIFICAÇÕES TÉCNICAS

Turbina Frutas / MAMÃO:

- Deflector material: fiberglass
- Diameter: 850mm with safety lock.
- Number of nozzles on the branches: 32 - 3P.
- Nozzles: Anti-drip nozzle holder cone JCVI-02.
- **Individual closure of the nozzle holders.**
- **Turbine disarming/clutching.**
- Brass branches.
- Spraying range (m): 5.00.
- RPM: 1800 rpm (PTO: 540 rpm)
- Air volume: 3P - 18.6 m³/s.
- Air speed: 110 km/h
- Power required: 19 HP

Chemical circuit:

- Control valve: manual VAR 02-way cable.
- Ceramic-sleeves piston pump (l/min): 150 - 2P
- Main filter: 200 l/min.
- Mechanical propeller
- **Optional: Filler unit**

Tank:

- Available capacities (liters): 2000.
- Material: fiberglass.
- Polyethylene clean water tank: 100 liters.
- Main tank filter with spray bottle washer.

Wheelset/Axle:

- Single axle with adjustable gauge / 11L15 tires.
- **Optional: homokinetic cardan shaft / large angular joint**

TURBO ATOMIZERS THUNDER

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

ARAG 02-WAY ELECTRIC COMMAND AVAILABLE

TRAILER

EPOXY PAINTING

Weight (empty)	990kg
Height	1.90m
Length	4.50m
Width	1.70m



TECHNICAL SPECIFICATIONS

Turbine:

- Deflector material: fiberglass
- Diameter: 850mm with safety lock.
- Number of nozzles on branches: 24 - 2P / 26 - 3P.
- Nozzles: Anti-drip nozzle holder cone JCVI-02.
- **Individual closure of the nozzle holders.**
- **Turbine disarming/clutching.**
- Brass branches.
- RPM: 1800 rpm (PTO: 540 rpm)
- Air volume: 2P - 11 m³/s / 3P - 18.6 m³/s.
- Air speed: 110 km/h
- Power required: 2P - 19 HP / 3P - 19 HP

Chemical circuit:

- Control valve: manual VAR 02-way cable.
- Ceramic-sleeves piston pump (l/min): 100 - 2P / 150 - 3P
- Main filter 100 l/min 2P / 200 l/min 3P.
- Mechanical propeller
- **Optional: Filler unit.**

Tank:

- Available capacities (liters): 2000.
- Material: fiberglass.
- Polyethylene clean water tank: 100 liters.
- Main tank filter with spray bottle washer.

Wheelset/Axle:

- Single axle with adjustable gauge from 1.50 to 1.70m / 11L15 tires.
- **Optional: homokinetic cardan shaft / large angular joint**

TURBO THUNDER ATOMIZERS ELEVATED

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

ARAG 02-WAY ELECTRIC COMMAND AVAILABLE

TRAILER

EPOXY PAINTING

Weight (empty)	1090kg
Height	3.30m
Length	4.50m
Width	1.70m

**OPTIONAL
ELECTRIC 02-WAY ARAG**



TECHNICAL SPECIFICATIONS

Turbine elevated:

- Deflector material: fiberglass
- Diameter: 850mm with safety lock.
- Number of nozzles on the branches: 38 - 3P.
- Nozzles: Anti-drip nozzle holder cone JCVI-02.
- **Individual closure of the nozzle holders.**
- **Turbine disarming/clutching.**
- Brass branches.
- Spraying height (m): 5.00.
- RPM: 1800 rpm (PTO: 540 rpm)
- Air volume: 3P - 18.6 m³/s.
- Air speed: 110 km/h
- Power required: 3P - 32 HP

Chemical circuit:

- Control valve: manual VAR 02-way cable.
- Ceramic-sleeves piston pump: (l/min): 150 - 3P
- Main filter: 200 l/min 2P.
- Mechanical propeller
- **Optional: Filler unit**

Tank:

- Available capacities (liters): 2000.
- Material: fiberglass.
- Polyethylene clean water tank: 100 liters.
- Main tank filter with spray bottle washer.

Wheelset/Axle:

- Single axle with adjustable gauge from 1.50 to 1.70m / 11L15 tires.
- **Optional: homokinetic cardan shaft / large angular joint**

TURBO THUNDER ATOMIZERS INTERMEDIATE

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

ARAG 02-WAY ELECTRIC COMMAND AVAILABLE

TRAILER

EPOXY PAINTING

Weight (empty)	1040kg
Height	2.30m
Length	4.50m
Width	1.70m



INTERMEDIARY turbine: TECHNICAL SPECIFICATIONS

- Deflector material: fiberglass
- Diameter: 850mm with safety lock.
- Number of nozzles on branches: 38 - 3P.
- Nozzles: Anti-drip nozzle holder cone JCVI-02.
- **Individual closure of the nozzle holders.**
- **Turbine disarming/clutching.**
- Brass branches.
- Spraying height (m): 5.00.
- RPM: 1800 rpm (PTO: 540 rpm)
- Air volume: 3P - 18.6 m³/s.
- Air speed: 110 km/h
- Power required: 3P - 32 HP

Chemical circuit:

- Control valve: manual VAR 02-way cable.
- Ceramic-sleeves piston pump (l/min): 150 - 3P
- Main filter: 200 l/min 2P.
- Mechanical propeller
- **Optional: Filler unit**

Tank:

- Available capacities (liters): 2000.
- Material: fiberglass.
- Polyethylene clean water tank: 100 liters.
- Main tank filter with spray bottle washer.

Wheelset/Axle:

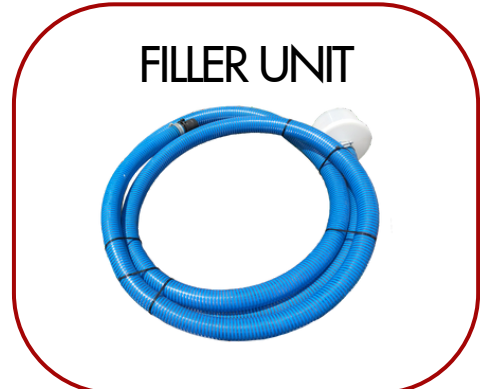
- Single axle with adjustable gauge from 1.50 to 1.70m / 11L15 tires.
- **Optional: homokinetic cardan shaft / large angular joint**

AISLERS AGRICULTURAL / HERBICIDE WING

SPRAYER FOR APPLYING HERBICIDE TO CONTROL PESTS IN COFFEE, CITRUS, FRUIT AND FORESTRY PLANTATIONS.

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)



TECHNICAL SPECIFICATIONS

Protective wings:

- Material: Polyethylene and steel structure.
- Number of nozzles: 4.
- Nozzles: 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): 400 / 600 / 800.
- Material: polyethylene.
- Clean water tank: 15 liters.
- Main tank filter with spray bottle washer.

OPTIONAL

FILLER UNIT



AISLERS AGRICULTURAL /HERBICIDE WING

TECHNICAL SPECIFICATIONS

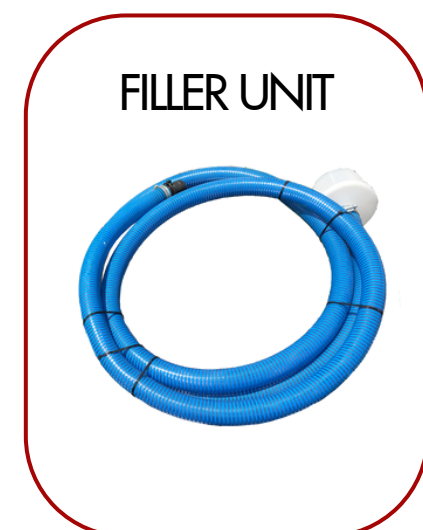
SPRAYER FOR APPLYING HERBICIDE TO CONTROL PESTS IN COFFEE, CITRUS, FRUIT AND FORESTRY PLANTATIONS.

TRAILER

EPOXY PAINTING

Weight (empty)	850 / 900 / 950 / 1100 / 1400 / 1805kg
Height	2.00m
Length	5.20m
Width	2.20m (Retracted wings) 2.90 (open wings)

OPTIONAL



Protective wings:

- Material: Polyethylene and steel structure.
- Number of nozzles: 4.
- Nozzles: 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.
- **Optional: Filler unit**

Tank:


- Material: polyethylene.
- Clean Water Tank: 15 liters.
- Main tank filter with spray bottle washer.

Wheelset/Tires:

- 750/16 - Single axle. Trailing version.
- 11L15 - Single axle. 3000/4000 l version.
- Gauge adjustment from 1.70 to 2.20m.
- **Optional: homokinetic cardan shaft (CVJ) / large angular joint**



OUR CUSTOMER SERVICES CHANNELS

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