

PROFESSIONAL MIST BLOWERS

AGP PRO • *mounted 400, 500, 600 l*
• *trailed 1000, 1500, 2000 l*

Reducing the environmental impact



The AGP PRO series of tractor mounted and trailed mist blowers for professional use was created with an aim to deliver accurate and efficient spray application and by taking into account the need to reduce adverse environmental impacts. They were designed for those that require sophisticated machines, with a particular emphasis on quality and outstanding spraying results.



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**EASY OPERATION AND
MAINTENANCE**

EFFICIENCY

**USER
ADAPTABILITY**

**RELIABLE
OPERATION**

LONG SERVICE LIFE

**ACCESSIBLE
SPARE PARTS**

FAMILY OF PROFESSIONAL MIST BLOWERS AGP PRO

The frame and the deflector of the mist blower are entirely zinc plated to ensure excellent durability and resistance to chemicals. The deflector ensures an even distribution of air, which allows for constant and efficient application of spraying agents to your crops. Quality and accuracy of the deflector was verified and approved by the Austrian association of fruit growers and winemakers "Gebläseprüfung Steiermark" as part of the "Gebläseprüfungs-Kooperation Steiermark, Südtirol, Bodensee" corporation. The above-mentioned Association included the AGP PRO series mist blowers on the list of professional machines called "Positivliste", containing machines that meet the stringent criteria for an even distribution and reduction of air and spray drift, as well as negative environmental impact.





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EQUIPMENT FOR MIST BLOWERS

FRAME/CHASSIS

The mist blowers feature a robust and hot-dip zinc coated frame/chassis, ensuring an excellent protection against corrosion. They can be fitted with a movable towing eye for improved tractor tracking. The wheel track is continuously adjustable.

TANKS

The shape of tanks ensures complete emptying and easy cleaning. Tanks are made from high-quality LDPE. There are two supplementary tanks integrated for system and hand washing. Main tanks are available in 400, 500 and 600 liter versions (mounted) and 1000, 1500 and 2000 liter versions (trailed).

PUMPS

The piston diaphragm pumps Comet APS 121 can deliver a spraying flow rate of 120 l/min at the operating pressure of up to 50 bar. Precise workmanship and the best materials make them dependable and durable.

PRESSURE REGULATOR

Standard equipment includes quality regulators Braglia PR8 ECF with a pressure filter for remote control from the cab. Also available with the AGtronik spraying computer. All regulators can be equipped with either 2 or 4 spraying sections.

CONTROL PANEL

It combines all the functions that the user needs to operate the mist blower (spraying, cleaning, pumping, mixing, filling).

PARTIAL AND COMPLETE CLEANING

All mist blowers are equipped with a system for complete and partial cleaning (pump, regulator, nozzles). Thorough cleaning after each use is vital for ensuring a long and reliable operation of the mist blower.



DID YOU KNOW?

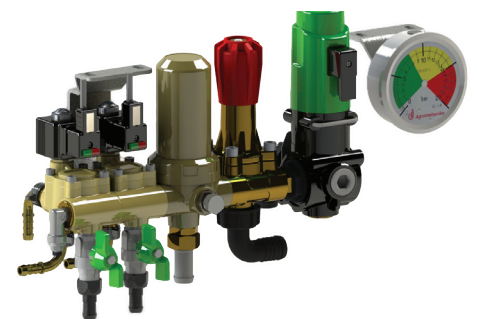
Only a clean and regularly maintained machine is able to guarantee accurate and flawless spraying.



Zinc coated version



Comet APS 121 pump



Braglia PR8 ECF regulator



Control panel

FILLING AND SPRAY PREPARATION



WATER FILLING

The AGP PRO mist blower can be filled:

- through the lid of the main tank,
- through the suction filter by means of the suction basket.

PACKAGING AND STRAINER CLEANER

The packaging cleaner for cleaning the packaging of chemical products flushes the residues into the main tank. It is installed inside on the strainer of the main tank. It has a tool mounted at the top for perforating the protective film on the packaging to reduce the risk of spilling the spray.

ACTIVE MIXING

This system prevents the chemical sediment build-up at the bottom of the tank to ensure a uniform concentration from the first liter to the last. This is carried out by means of 2 injection nozzles mounted at the bottom of the main tank.



Suction filter



Container and strainer cleaner

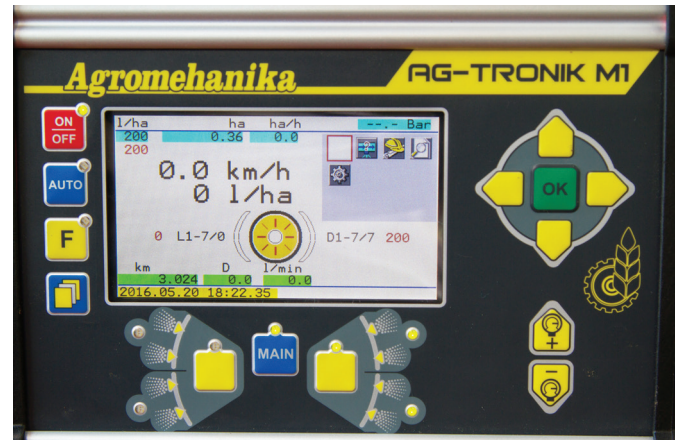
SPRAYING

SPRAYING COMPUTER AGtronik

The spraying computer offers the most advanced spraying technology. While spraying operations are controlled by this technology, the operator can focus on driving. After entering the desired spray volume per hectare, the regulator adjusts the flow rate automatically by means of the flow and speed sensors.

Because the volume is controlled based on the flow rate, it is possible to use nozzles that produce different flow rates according to the height of the deflector. Data on the work carried out is saved and can be imported in excel for further analysis.

Just enter the desired consumption and start spraying.



SIGNIFICANT SAVINGS

The AGtronik computer measures the spray volume per hectare by means of the flow sensor. Since the computer adjusts the pressure according to the flow rate and nozzle wear, you can save up to 20% of spray.



BLOWER

AGP PRO BLOWER FOR AN EVEN AIR DISTRIBUTION

The mist blower can be fitted with a deflector with a height of 130 or 170 cm. The recommended height of the deflector for winemakers is 130 cm. The higher (170 cm) deflector is recommended for fruit-growing applications.

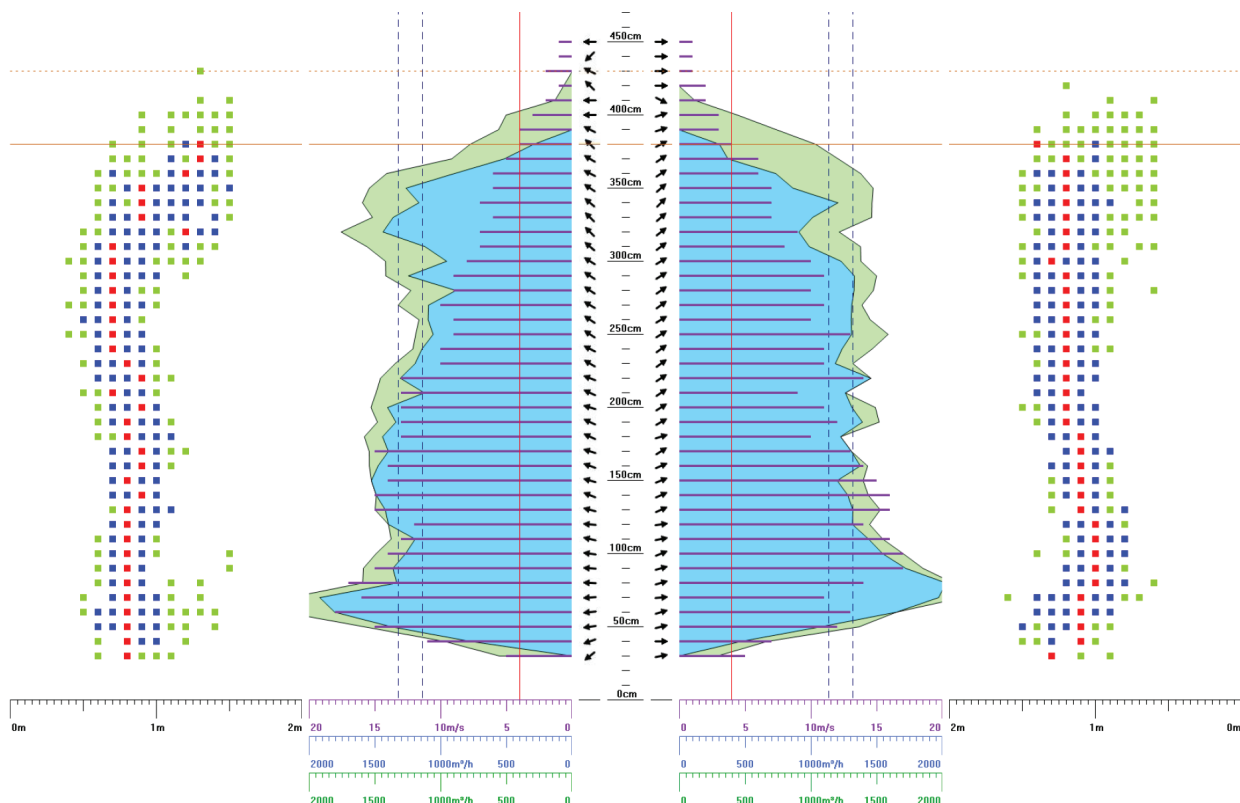
Both deflectors ensure an even distribution of air, which allows for constant and efficient application of spraying agents to your crops. The blower draws air in through the front. The air current containing the spray is perpendicular to the ground and directed backwards to increase the amount of spray applied to the plants. Because the spray is applied perpendicularly to the line of travel, this also prevents excessive spray drift on the machine or the tractor.

A uniform and quality application of spray is ensured by double nozzle holders with diaphragm anti-drip valves. The nozzle holders can be moved to different height to adjust to a certain type of orchard. Standard equipment includes ceramic nozzle inserts produced by a renowned German manufacturer Lechler.



TECHNICAL EXCELLENCE

Results confirmed by an independent institution guarantee perfect application of spray.





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BLOWER

FAN

Proper distribution of the spraying agent on the plants is only possible if the air speed and fan capacity are both adjusted according to the size and vegetation period of crops. If the air volume and speed are too high, the spraying agent is lost because the droplets are more prone to drift. If the air volume and speed are too low, the crops may not be sufficiently protected. The AGP PRO mist blowers are driven by a two-speed gearbox with a neutral position for an easy adjustment of speed and air volume.

NOZZLE PROTECTION

They are protected with a metal arch which prevents direct exposure to impacts caused by branches and potential damage to the holders and nozzles.

DELIVERY OF SPRAY TO THE NOZZLES

The AGP PRO mist blowers feature a new system for spray delivery to the nozzles. The spray is delivered to the deflector by means of four hoses. The deflector is fitted with a distribution valve with tubes of equal lengths leading to individual nozzles. This helps to coordinate the time for spraying on all nozzles.

GEARBOX

The multiplier gearbox is used for the transmission of torque from the pump to the fan. It provides two-speed transmission and an option of neutral position. When the fan is turned off, the mist blower can also be used for other purposes (spraying with a manual spraying lance, preparation of spray, pumping etc.).

BLOWER'S SHUTTER PLATE

The blower can be fitted with a physical shutter plate which prevents the spray discharge at the sides of the blower. It is designed for spraying in the vicinity of residential buildings and water sources. The shutter plate significantly reduces unnecessary release of agricultural sprays in the environment.

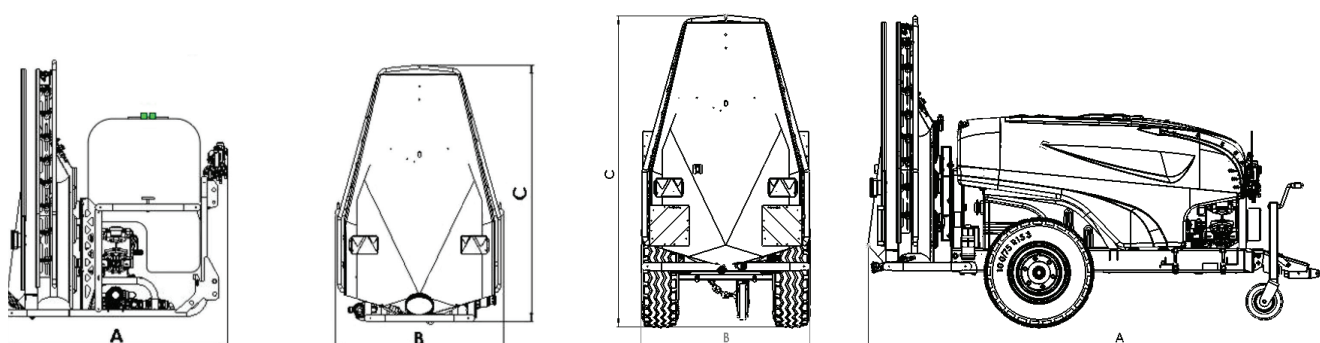


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Mist blower type	Tank capacity (l)	Pump capacity (l/bar)	No. of nozzle holders	Fan diameter (mm)	Max. air flow rate (m ³ /h)	Dimensions AxBxC (cm)	Weight (kg)
High deflector version							
AGP 400 PRO	400	120/50	18	812	87.000	160x120x185	275
AGP 500 PRO	500	120/50	18	812	87.000	160x120x185	375
AGP 600 PRO	600	120/50	18	812	87.000	160x120x185	475
AGP 1000 PRO	1000	120/50	18	812	87.000	360x120x220	670
AGP 1500 PRO	1500	120/50	18	812	87.000	380x120x220	700
AGP 2000 PRO	2000	120/50	18	812	87.000	398x120x220	720
Low deflector version							
AGP 400 PRO	400	120/50	14	812	87.000	160x120x120	250
AGP 500 PRO	500	120/50	14	812	87.000	160x120x130	350
AGP 600 PRO	600	120/50	14	812	87.000	160x120x140	450
AGP 1000 PRO	1000	120/50	14	812	87.000	360x120x160	645
AGP 1500 PRO	1500	120/50	14	812	87.000	380x120x160	675
AGP 2000 PRO	2000	120/50	14	812	87.000	398x120x160	695
Recommended distance between rows: 1.80 - 5.00 m							
Recommended spraying height: up to 5.00 m							
Recommended tractor power: 35-72/42-96 kW/hp							
Attachment category: CAT. II							
A=length - B=width - C=height							

Your dealer: