Pressure gauge Ø100

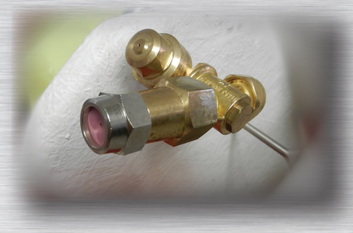
The pressure gauge Ø100 is much larger than classic pressure gauges, so it enables the user a better pressure reading from a distance. The pressure gauge can only be installed on mist blowers equipped with an electronic regulator.

Package and strainer cleaner

The cleaner enables a more efficient use of the spray and helps protect the environment. The chemical residues on the packaging and the strainer are washed into the main tank using valves. Both the package cleaner and the strainer cleaner can be purchased individually, as per the client's requirements.

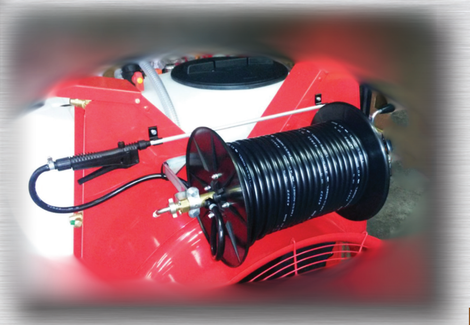
Long range nozzles and different Lechler spray tips

For an effective spraying of plantations on steep slopes it is recommended to use the long range nozzles. Usually two nozzles are installed at the highest point of the deflector.



Manual spraying kit

For a manual chemical protection of less accessible areas of the orchard. 50 m of armed hose rolled in a coil and a rod for manual spraying.



Wide wheels 31x15.5x15

We also offer wheels of dimensions 31x15.5x15 with a grassland profile appropriate for wet terrain. These wheels ensure a greater stability of the mist blower and a more comfortable road behavior.

TECHNICAL INFORMATION: AGP 1000 – 2000 EN(U)

		MIST BLOWER TYPE		
		AGP 1000 EN	AGP 1500 EN	AGP 2000 EN
Nominal tank volume	l	1000	1500	2000
Dimensions (width x lenght x height)	cm	126x317x147	133x346x150	141x364x162
Weight (empty)	kg	523	605	670
Dimensions of the fan	mm	Ø 825		
Air quantity	m^3/h	16000-48000		
Output air speed	m/s	< 40 (adjustable with a regulation of the heel of the fan blades)		
Spraying level	m	up to 6		
Max.no. of revolutions of the fan	RPM	2000		
Number of double nozzle holders		6 left-hand side, 6 right-hand side		
Standard type of nozzle mountings		Lechler		
Type of the pump		Bertolini PA 1250: 125 l/min, max. 50 bar		
Max. no. of revolutions on the PTO shaft	RPM	< 540		
Wheel dimensions		10.0/75-15.3		
Adjustable track	cm	100-135	106,5-148	114-160
Ground clearance	mm	330		
Tractor category		I. and II. cat.		
Recommended power of the tractor	kW/PS	32-72 / 42-96		

		AGP 1000 ENU	AGP 1500 ENU	AGP 2000 ENU
Height of the deflector	cm	130 or 170		
Number of double nozzle holders:				
Ø 825/1300		5 left, 5 right		
Ø 825/1300 - adjustable		5 left, 5 right		
Ø 825/1700		7 left, 7 right		
Ø 825/1700 - adjustable		7 left, 7 right		
Dimensions (width x lenght x height):				
Ø 825/1300	cm	126x317x179	133x346x179	141x364x179
Ø 825/1700		126x317x217	133x346x217	141x364x217
Weight (empty):				
Ø 825/1300	kg	537	619	684
Ø 825/1700		559	641	706

Tehnical data and pictures are for information and are not obliged. Producer reserves the right to change specification and design of products without notice.

Distributor:

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Agromehanika

SINCE 1968

AGP TRAILED MIST BLOWERS 1000-2000 EN

QUALITY SPRAYING = GREAT SAVINGS

- EASY TO USE
- ECONOMIC
- ENVIRONMENTALLY FRIENDLY
- GREAT ADAPTABILITY TO THE USER
- FOR THE MOST DEMANDING USERS

The AGP trailed mist blowers series is designed for professional use. They are distinguished by their manufacturing quality, long service life, wide selection of additional equipment, option of using advanced technological solutions and an exceptional price-quality ratio. The quality of Agromehanika mist blowers is recognized by users all over the world.

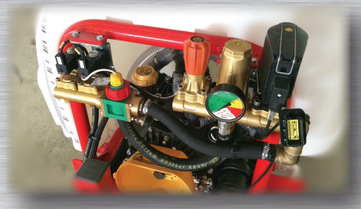
AGP TRAILED MIST BLOWERS 1000-2000 L

Basic information

Manual control M 170
Enables a remote operation from the tractor cab. It is used for working pressures up to 20 bar and for pumps with the flow up to 150 l/min.

Electrical (remote) flow regulator PR8
High-pressure regulator of pressure PR8 ranks among the newest electronic systems for remote control. It is made from materials of the highest quality, which enable an uninterrupted functioning at high pressures. The electro-magnetic valves enable the opening and closing of the spraying sections and the electromotive pressure adjustment.

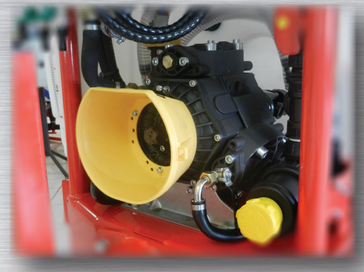
- PR8 ECF – electromotive pressure adjustment and electromagnetic opening/closing of sections
- PR8 F – manual pressure adjustment and electromagnetic opening/closing of sections



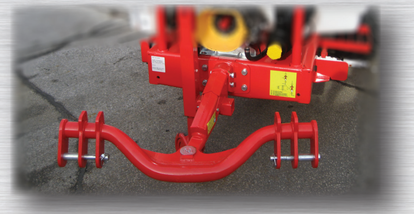
Adjustable track
Enables the adjustment of the track width.

Spraying computer AG-TRONIK M1
- spraying savings
- accurate dosage and application of the spray
- option of simultaneous spraying with nozzles with different flows
- work data storage and spraying analysis

Pump
For spraying, the high-pressure piston diaphragm pump Bertolini PA 1250 (125 l/min) is used, which is manufactured by the famous Italian manufacturer of pumps BERTOLINI.



Steering drawbar
The steering drawbar has a flexible and rigid connector, which enables the use of one or the other.



Tank
The modern-shaped tanks are manufactured from a quality polyethylene. The main tank is available in three versions; 1000l, 1500l and 2000l. The lower part is designed to ensure a complete draining and a minimum spray residue. Two additional tanks for washing the entire system and for washing hands are also installed.

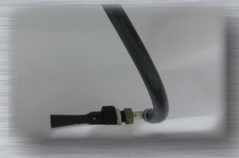
Blower/deflector

Deflector 130 or 170 cm
The main advantage of blowers with an air deflector lies in a more even distribution of air to the left and to the right side of spraying and over the entire height of the orchard. The use of a deflector increases the quality of spraying and reduces the consumption of spray per hectare.

Double membrane nozzle holders
By default, the mist blowers are equipped with double membrane nozzle holders and various ceramic nozzles by Lechler. The anti-drip valve prevents the liquid from dripping. The nozzles can be opened or shut individually by rotating them by 90 degrees.

Multiplier
The transfers the power from the pump via the PTO shaft to the fan. The transmission is single-stage, with a disconnection option. If the fan is shut off, the mist blower can be used for other purposes (spraying with a manual spray lance, spray preparation, pumping etc.)

Mixing system
The mixing nozzle is used to mix the spray and prevent the formation of chemical sediment at the bottom of the tank.



Round blower
The blower produces a mixture of air and spray droplets. Airflow quality is crucial for spraying quality. The blower is a crucial component of the mist blower, which has a mounted multiplier with a fan.

Adjustable blade fan
In order to distribute the spray onto the plant evenly, both the airspeed and the performance of the fan must be adjusted to the size of the plantation and the growing season. An excessive airspeed results in the loss of spray as the drops are blown too far away. On the other hand, an insufficient fan speed does not provide the required protection of plantations.

Cleaning

Full cleaning
Full cleaning should be performed after each spraying. It will improve both the spraying performance and environmental protection. This cleaning method removes the chemical residues from the mist blower.
Full cleaning includes the cleaning of all internal components, including the main tank, the suction filter, the pump, the pressure regulator and the nozzles. Full cleaning can be set very easily on the mist blower itself. Clean water is pumped from the rinsing tank using the pump.

Partial cleaning of the essential parts
Partial cleaning of the mist blower does not alter the concentration of the spray in the main tank.
This cleaning method is best used if the spraying is temporarily interrupted (e.g. due to lack of time, weather conditions etc.).
This method includes the cleaning of the suction filter, the pump, the pressure regulator and the nozzles. Partial cleaning can be set very easily on the mist blower itself. Clean water is pumped from the rinsing tank using the pump. This cleaning method is recommended after each use.

Main tank cleaning
The nozzle is used to clean the interior of the main tank after the spraying is finished. It removes the spray residues, contributing to both the spraying performance and environmental protection.

Optional equipment

Terrace spraying system
This system consists of four spraying sections (two on the left -and two on the right-hand side of the deflector). Each section can be controlled using an electric regulator. This system enables the user to spray plants at different levels.

Adjustable nozzle deflector
This deflector enables adjusting the nozzle height. This enables spraying at the actual plant height.

Suction basket
The suction basket is used for pumping water from ponds, streams, wells etc. The water is pumped through the filter and the regulator into the main tank by the pump. The suction basket can be easily attached using a bayonet fitting under the main tank.

Traffic equipment
For safety in traffic even in reduced visibility.
This consists of rear lights attached to the fan ring.