

# ***MOUNTED SPRAYERS***

***AGS EN*** 600–1200 liters; 12–18 m

***Quality protection for a high crop yield***



**Agromehanika**

SINCE 1968



## **FAMILY OF MOUNTED SPRAYERS AGS EN**



The family of mounted sprayers AGS EN is designed for particularly demanding and professional users. It is distinguished by **quality workmanship, a long service life, wide range of optional equipment, the capacity for implementing advanced technological solutions and an excellent price/quality ratio.** The quality of Agromehanika sprayers is recognized by many users all over the world.

**EASY OPERATION  
AND MAINTENANCE**

**EFFICIENCY**

**USER  
ADAPTABILITY**

**RELIABLE  
OPERATION**

**LONG SERVICE LIFE**

**ACCESSIBLE  
SPARE PARTS**

# SPRAYER'S EQUIPMENT



Agromehanika pump -  
3-year warranty



PR3 pressure regulator -  
remotely controlled



PR10 pressure regulator -  
entirely remotely controlled



Spraying computer AG-tronik

## FRAME

The sprayer's frame is the result of our extensive experience. It is robust and durable. Powder coating ensures an excellent anti-corrosion protection of the frame.

## TANKS

The tanks are made from a high-quality LDPE. Main tank sizes are 600, 800, 1000 and 1200 liters. The bottom of the tank is designed to minimise the residual spray volume. There are two supplementary tanks integrated for system and hand washing.

## PUMPS

Low-pressure, piston diaphragm pumps Agromehanika BM can be supplied in 105 and 150 l/min flow version and cover the needs of the entire family of sprayers. The BM Agromehanika pumps are recognized for their reliability and quality workmanship, which is backed by **3-year warranty**.

## PRESSURE REGULATOR

Users can choose between the PR3 regulator for remote operation of the main valve and pressure and electronically controlled remote regulator PR10 with the AGtronik spraying computer. All regulators come with an integrated self-cleaning filter.

## PARTIAL OR COMPLETE CLEANING

All sprayers 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 sprayers.



## DID YOU KNOW?

The spraying computer AGtronik makes your work more comfortable and easy. Thanks to an accurate and even spray application, your crops are better protected, regardless of the terrain type.

# FILLING AND SPRAY PREPARATION



Suction filter



Filling container



Control zone



Mixing nozzle

## FILLING

The AGS EN sprayer can be filled:

- through the lid of the main tank,
- through the quick-filling attachment,
- by means of the suction basket.

## FILLING CONTAINER

The advantages of the filling container are especially revealed when using powdered spraying agents that are not readily soluble. It was designed for an efficient preparation and mixing of chemical products. Thanks to the Venturi effect, the spray is easily pumped into the main tank. It also provides additional safety when handling toxic chemical products.

## PACKAGING CLEANER

The packaging cleaner for cleaning the packaging of chemical products is installed inside the filling container or 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. The rotating nozzle on the packaging cleaner ensures that the packaging is properly cleaned.

## CONTROL PANEL

It is installed next to the filling container. It combines all the systems that the user needs for the operation of the sprayer's support functions (operation, cleaning, pumping, suction, filling).

## ACTIVE MIXING

It prevents the powder-based sprays from accumulating at the bottom of the tank. Mixing is done by means of the injection mixing nozzle, which is installed inside the main tank.

# SPRAYING



## SIGNIFICANT SAVINGS

The AGtronik computer measures consumption 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.

## GPS NAVIGATION SYSTEM EZY OR PLUS

Complete automatic spraying. When combined with the AGtronik system, it allows for an automatic closing of individual spraying sections when driving across surfaces which have already been sprayed or outside the field. Compared to the classic marker, this system can also be used at night. Spraying with GPS navigation system is also easier, more precise and faster. It enables saving the work history and operating parameters. It also features parallel guidance and allows for entering obstacles or positions of spraying interruption. The system can be connected to Google Earth.



## ADVANCED TECHNOLOGY

The combination of AGtronik and GPS system offers state-of-the-art spraying technology. While spraying operations are controlled by this technology, the driver can focus on operating the tractor.



## SPRAYING COMPUTER AGtronik

It regulates the flow rate required for accurate spraying through flow rate and speed sensors, based on the desired spray volume per hectare. If an individual spraying section is closed, the AGtronik will immediately adjust the amount of the plant protection product. The system is intuitive and easy to use. Additionally, AGtronik also enables you to analyse and save your work and to transfer data using a USB cable.

Just enter the desired consumption and start spraying.

# AGROMECHANIKA SPRAYING BOOMS

They are made in conformity with following principles: functionality, durability and compact dimensions. Ends of booms are equipped with a protective spring mechanism for protection against impacts.

Vital mechanical parts and hydraulics are made from quality materials and all hydraulic booms are protected with a double layer of powder coating, offering superior and environmentally friendly anti-corrosion protection. They were designed on the basis of 50 years of development experience and knowledge.

## MANUAL BOOM SETS 12 AND 15 MRX

They are equipped with a spring suspension system. They are characterized by an exceptionally light, yet durable structure. The mounting system on the sprayer is also shaped as a trapeze to enable terrain copying.



12-15 MRX

## HYDRAULIC SPRAYING BOOM 12 MY H

It features a trapeze mounting system for attachment to the sprayer and enables terrain copying. The user is able to control the boom from the cab. It is equipped with hydraulic opening, lifting, and levelling system. This boom set is distinguished by an automatic lock, which is engaged when the booms are folded to prevent damages to the boom set during transport.



12 MY H



## TECHNICAL EXCELLENCE

The hydraulic boom set makes your work more comfortable, easier, faster and – most importantly – safer. Because it is controlled from the cab, the user is protected from aerosol particles from spray products.





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**NEW**

All MY H and HLX spraying booms are equipped with an individual or simultaneous opening system, which saves a considerable amount of time.



15 HLX



15-18 MY H

### **HYDRAULIC SPRAYING BOOM 15 HLX**

This fully hydraulic boom set with a working width of 15m is a reliable and efficient choice for particularly demanding users. The user can control hydraulic lifting, levelling and simultaneous or individual opening of the boom from the tractor cab. Due to its light structure, this boom is also suitable for small tractors. When folded, automatic hydraulic lock is applied to prevent damage during transport.

### **HYDRAULIC SPRAYING BOOMS 15-18 MY H**

Thanks to hydraulic opening, lifting, locking and levelling, the user can benefit from maximum comfort and easy operation from the cab. One-point mounting system ensures excellent terrain copying. They are equipped with two air bellows for vertical shock absorption and horizontal shock absorbers. Closing the boom activates the safety lock to prevent damages to the boom during transport.

The booms are integrated into a sprayer frame with special reinforcements, available in 1000 l or 1200 l sizes. The sprayers can be supplied with electro-hydraulic control system, which also allows for an independent closing of boom ends.



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SPRAYER	AGS 600 EN	AGS 800 EN	AGS 1000 EN	AGS 1200 EN	AGS 1000 EN H	AGS 1200 EN H
<b>Tanks</b>						
Nominal capacity (l)	600	800	1000	1200	1000	1200
Rinsing tank (l)	60	80	100	128	100	128
Hand-washing tank (l)	15	13,7				
<b>Boom sets weight (kg)</b>						
12 MRX/ 15 MRX	452/502	520/570	542/592	578/628		
12 MY/ 12 MY H	510/544	578/612	600/634	636/670		
15 HLX		810	832	868		
15 MY H/15 MY EN					1015/1018	1047/1050
18 MY H/ 18 MY EN					1030/1033	1062/1065
<b>Dimension (cm)</b>						
12 MRX	138x241x208-258		157x256x221			
15 MRX	138x300x198-248		164x285x221			
12 MY/12 MY H	145x261x265-315		163x264x266			
15 HLX		176x253x284				
15 MY H					185x270x300-361	
18 MY H					185x270x300-361	
<b>Pump</b>						
Name and type	Piston diaphragm pump BM Agromehanika (3-years warranty)					
Flow rate (l/min)	105	150				
Max. preassure	20 bar at 540 rpm					
<b>Pressure regulator</b>						
Versions	mechanical with electric main valve, electric remote control, spraying computer					
Tractor attachment category	II.					
Recommended tractor power	above 60 HP				above 100 HP	
<b>Nozzles Lechler</b>						
	<b>12 MRX</b>	<b>15 MRX</b>	<b>12 MY/ H</b>	<b>15 HLX/ MYH/MY EH</b>	<b>18 MYH/ MYEH</b>	
TRI-JET nozzle holders	24	30			36	
Number of sections	5					
Distribution of nozzles by sections	5-5-4-5-5	6-6-6-6-6	5-5-4-5-5	5-7-6-7-5	7-8-6-8-7	

Your dealer: