



NAVIGATION MATRIX PRO 570



NAVIGATION MATRIX 430

Navigations

Matrix 570 navigation is an advanced system and easy to use navigation for demanding farmers. It gives you more than the basic capabilities, such as: connection of automatic shutdown of section system BoomPilot, automatic power steering system FieldPilot, module of compensation of tilt or possibility of connection 4 or 8 cameras.

Matrix 430 is an inexpensive and easy-to-use navigation for less demanding users. Colorful touch display with simple software, just after a while, allows the operator to effectively navigate the field with minimum skips in the field coverage.

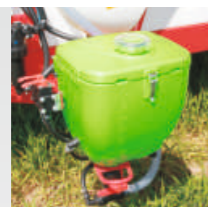


Electrical rinsing set

A sprayer's tank can be equipped with a rotating nozzle for tank cleaning which is manually started or electrically started from a tractor cab (electric cleaning system). It guarantees impeccable cleanliness of a tank and a liquid system, which causes failure-free operation of the sprayer and prevents from unwanted residue of spraying.

Technical Data

	PELIKAN 2300	PELIKAN 2700	PELIKAN 3100	PELIKAN 3600	PELIKAN 4200	PELIKAN 4600				
Main tank	2300 L	2700 L	3100 L	3600 L	4200 L	4600 L				
Clean water tank	270 L	270 L	270 L	300 L	300 L	300 L				
Hand wash tank	20 L	20 L	20 L	20 L	20 L	20 L				
Wheels size (optional)	12,4x36	9,5x42	9,5x44	13,6x38	11,2x42	11,2x46	15,6x38	11,2x42	16,9x38	16,9x46
Pumps Annovi Reverberi (optional)	AR 160 166 l/min.	AR 185 182 l/min.	AR 215 219 l/min.	AR 250 254 l/min.	AR 320 TWIN TOP 321 l/min.	AR 370 TWIN TOP 371 l/min.				
Manual boom RR	14, 15, 16, 18, 20 m									
Hydraulic boom 2H	14, 15, 16, 18, 20, 21 m									
Hydraulic boom 4H	14, 15, 16, 18, 20, 21, 24 m									
Hydraulic boom 6H	21, 24 m									
Hydraulic boom ITV with air-assisted system	14, 15, 16, 18, 20, 21, 24 m									
Transport width	2,45 - 2,60 m (boom 6H)									
Length	4,85 - 5,9 m			5,8 - 6,8 m						
Weight	1790 - 2480 kg	1805 - 2495 kg	1820 - 2510 kg	2030 - 2750 kg	2090 - 2810 kg	2170 - 2890 kg				



The external pre-mixer allows the chemicals and fertilizers to be thoroughly dissolved and transferred directly to the main tank.



The lighting of the spray boom is an element which improves the work at night time. We offer two solutions: led lights mounted on each nozzle or two led halogens (left/right).

Obligatory lights for traffic.



PELIKAN sprayers can be equipped with their own hydraulic system. This solution allows for faster aggregation of the tractor with the machine and ensures failure-free operation of pumps and solenoid valves. Independent hydraulic system prevents from disorders both tractors and sprayers by mixing wrong hydraulic oils.

Importer:

BURY Maszyny Rolnicze
 Woźniaków 4 B, 99-300 KUTNO, POLAND, tel. +48 (24) 254 20 48
 tel./fax +48 (24) 253 36 32, e-mail: office@bury.com.pl

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Over 25 years of tradition
 passion and confidence



PELIKAN 2300, 2700, 3100, 3600, 4200, 4600



www.bury.com.pl



PELIKAN 2300, 2700, 3100, 3600, 4200, 4600 – it is the series of field sprayers which are most often selected by owners of large and medium farms. They are available with booms of working width from 14 to 24 meters. The wide range of solutions available in our offer allows you to set up the most useful machine on your farm.

Components used in production come from the best suppliers recognized in many countries. Thanks to this, the sprayers of this series are durable, reliable, and their operation is simple and safe. The choice of **PELIKAN** sprayer is a guarantee of long-term operation and precision of the performed treatments.



Frame Sprayers

PELIKAN 2300, 2700 and 3100 have a solid, powder-coated frame made of steel channel bars which gives them high rigidity and durability.



Drawbar

As standard, the sprayers of this series are equipped with a copying drawbar, which gives them high agility and prevents plants from damage. On request, it is also possible to install a standard drawbar top-mounted or bottom-mounted to tractor.



Axle

Adjustable axle-shafts with a pneumatic or hydraulic brake system. On request, an axle without a brake can be fitted.



Pumps

Top quality Annovi Reverberi pumps with new innovative **BlueFlex** diaphragms that set a new position in the quality of diaphragms in the pump sector for field sprayers. **BlueFlex** diaphragms have a unique, patented blend form and composition from which they are made. Thanks to these advantages, their lifetime increases to 100%. In addition, a digital code on the liquid side is placed on each diaphragms. This is an unusual solution in the industry till now. It allows us to track and distinguish products from many other diaphragms with a year and a month of production.

Spraying booms

There are 5 types of spraying booms available for this series of sprayers. Each user can choose an optimal solution for their farm. All the booms, besides those which are manual-folded, are controlled by solenoid valves and the panel in the tractor cab.



„RR” Spraying booms hydraulically lifted, manual-folded with self-leveling and a lockout of working width from 14 to 20 meters. On the request of the user, we can install a hydraulic slope system.

„2H” These are fully hydraulic booms, unfolding by two cylinder with hydraulic self-leveling, lifting and slope system. Only a leveling lockout operates mechanically when closing the left/right side. working width from 14 to 21 meters.



„6H” These are booms designed for the series of Pelikan sprayers. They consist of six elements unfolding with 4 cylinders. Their working width is 21 and 24 meters with possibility to work respectively folding a side part 15 and 18 meters.



„4H” These booms have self-leveling with a hydr. lockout, hydraulic slope system, lifted and unfolding hydraulically independently with 4 cylinders. Working width from 14 to 24 meters.



„ITV” Booms working width from 14 to 24 meters fully hydraulic with airassisted system. This system provides a much better coverage of sprayed plants and allows more economical use of the preparations and a partial independence from weather conditions (wind).

Controlling computers.

For correct functioning of the sprayer, we recommend three control groups.



Tee Jet 844E



RADION 8140

The most rational solution is computer control, especially the computer **Radion 8140** or **844E** of **TeeJet** company. Both of them are advanced solutions for ease of use. In addition to the basic functions of these controls, the **Radion** has the option of connecting the valve for automatic refueling. It also has a **Matrix** navigation port with possibility of automatic shutdown of a section and even a variable dosing function.

On request we can equip the sprayer with a **BRAVO 180S** computer from ARAG or **Spraydos** from Müller Elektronik.



BRAVO 180S



SPRAYDOS

The **COMBO electric control** with electronic pressure readout allows you to conveniently control all functions of the sprayer from the tractor cab. The **COMBO** controller has a rigid aluminum housing, durable switches and a very solid metal connector with gold plated pins. All this makes it virtually trouble-free.