

MasterSpray IS^{pro}

Professional mounted field sprayers



MasterSpray IS^{pro}



MasterSpray IS^{pro} 1680 I

The professional field sprayer series

Advantages at a glance:

User-friendly, clearly laid out control centre, protected by roller shutter

Central filling of main tank and fresh water tank as standard

Two mechanical fill level indicators as standard (electrical display optional)

Can be fitted with an extremely flexible VFH linkage, which enables a wide range of working positions

Specially treated and smoothed tank walls facilitate internal and external cleaning

Two integrated wash plates ensure safe working and driving conditions no matter what the level of fluid

Stable easy-touch filling funnel with power injector as standard

The Vogel & Noot IS family of mounted sprayers has been supplemented with three new designs of professional-standard mounted sprayers known collectively as IS^{pro}. The professional mounted sprayers are available with tank sizes of 1480 litres, 1680 litres and 2000 litres. The working widths available range from 12 to 27 metres. In development, the main focus was on optimal use for professional operation.



The clearly laid-out and convenient control centre is located on the left-hand side of the field sprayer and is protected by a roller shutter. Consequently, there are no restrictions on visibility and no other forms of impairment caused by open doors. The range of features is completed by the product's in-built storage compartment, which is protected against dirt and splashes.

With a central filling valve, which is part of the series as standard, main and fresh water tanks can be supplied.

VFH linkage

In addition to the existing linkage designs with package and X-folding, all the field sprayers in the IS^{pro} range can now be fitted with the new vertical-folding VFH linkage design. The linkage parts are produced from special profiles and the extension arms from high-quality aluminium. The nozzles are protected across the entire working width and the broth is conveyed via stainless steel pipes.



This linkage has a particularly flexible design. All the positions, with respect to folding, working and heights, are operated with the hydraulic system and controlled via the operator terminal.



Foldable on one side

A standard feature of the VFH linkage is that it can be folded out on one side, on the left or the right, if required.



Working width reduction

Using the symmetrical and the asymmetrical working width reduction, it is possible to work with smaller areas on the field.



Transport width

With a convenient transport width of only 2.50 m, the piping can be tucked away behind the implement. A mechanical transport locking system guarantees a safe and secure transportation process. It has been ensured that there is a short distance to the tank so that there is a low centre of gravity, which reduces the lifting force requirement on the tractor.



Variable geometry

The linkage can be individually adjusted to broken and uneven terrain by means of the variable geometry.

Metering technology

The IS^{pro} field sprayers are equipped with the ISOBUS-compatible Basic^{pro} metering computer. SPRAYLIGHT terminals or the professional comfort^{pro} solution are also available.



Spraylight: the starter model

- simple and user-oriented monitoring and control device
- 160 x 160 pixel LCD display with LED backlighting
- metering computer designed for simple and logical operating sequence

Basic^{pro}: The good basic computer

Designed in accordance with the ISO 11783 standard for the operation of ISOBUS-controlled machines

- 5.7" TFT colour display with 640 x 480 pixels
- 4 GB USB stick for data transfer
- Full boom and boom section switching, up to 9 boom sections, optionally up to 13 boom sections
- Display of pressure, speed, dispersion amount, tank capacity, boom section status, flow rate and area coverage

Comfort^{pro}: the professional model

The Comfort^{pro} metering computer is, in addition to the extensive features of the Basic^{pro}, also equipped with a convenient large 10.4" TFT colour display monitor. This terminal thus has the best features and outstanding readability.

The following features are optional with the Basic^{pro} and Comfort^{pro}: automatic boom section switching, parallel driving, multifunctional handle, Distance Control - automatic linkage control, Exact Trac^{pro} - precise tracking of trailed sprayers, electrical fill level indicator, job management, connection of up to two cameras, analogue or radio control.

Technology that inspires



Fill level indicator

All ISpro field sprayers are equipped with a dual mechanical fill level indicator and can also be fitted with an electrical fill level indicator if this option is required. The integrated frame-tank combination, fitted as standard in the series with a Cat. II and Cat. III attachment, is designed to be as robust as possible when used in large areas.



Filling funnel

A robust easy-touch filling funnel with power injector is also fitted as standard in the series. The flushing funnel is designed for fast and safe filling of all kinds of spraying agent, including urea. For filling using the power injector, a drawer which is sealed against ingress of dirt is pulled out.

Your VN dealer:

MasterSpray IS^{pro}

Technical specifications

Type/model		IS ^{pro} 1480	IS ^{pro} 1680	IS ^{pro} 2000
Actual capacity	l	1480	1680	2000
Nominal capacity	l	1400	1600	1900
Working width				
with linkage FH 400	m	12 - 15	12 - 15	12 - 15
with linkage XFH 600	m	12 - 15	12 - 15	12 - 15
with linkage FH 800	m	15 - 21	15 - 21	15 - 21
with linkage VFH 1200	m	21 - 27	21 - 27	21 - 27
Pumps				
MA 200, 198 l/min		series	–	–
MA 260, 256 l/min		Add.price	series	series
Clearance				
with linkage FH 400	cm	244	244	244
with linkage XFH 600	cm	270 - 310	270 - 310	270 - 310
with linkage FH 800	cm	230	230	230
with linkage VFH 1200	cm	320	320	320
Weight				
with linkage FH 400	kg	923 - 941	943 - 961	973 - 991
with linkage XFH 600	kg	1010 - 1045	1030 - 1065	1060 - 1095
with linkage FH 800	kg	1113 - 1375	1133 - 1395	1163 - 1425
with linkage VFH 1200	kg	1375 - 1523	1395 - 1543	1425 - 1573
Transport width				
with linkage FH 400	cm	275	275	275
with linkage XFH 600	cm	250	250	250
with linkage FH 800	cm	298	298	298
with linkage VFH 1200	cm	250	250	250
Length				
with linkage FH 400	cm	145	145	145
with linkage XFH 600	cm	155	155	155
with linkage FH 800	cm	180 - 200	180 - 200	180 - 200
with linkage VFH 1200	cm	200 - 220	200 - 220	200 - 220