

Class leading features

Easy to operate - Simple to service



RANGER

RANGER 2500



Tank: 2500 l designed for optimal stability and lowest residue.

Frame: High absolute clearance. Low centre of gravity.

Diaphragm pump: Reliable, high capacity and easy to service.

Operating unit: Electrically operated pressure regulation, on/off and sections.

Liquid system: Intuitive and logical manifold system.

Axle: Adjustable from 1.5 to 2 m.

PRO booms: Compact, vertically folded booms from 12 to 24 m.

EAGLE booms: Simple and strong booms from 18 to 21 m.

Vertically folded booms

PRO VH from 12-18 m and PRO VP booms 20, 21 and 24 m

The booms are constructed in steel with a lattice design optimizing weight with the greatest possible strength. The excellent performance of the PRO boom ensures precision spray applications even in the most challenging field conditions.

All functions on the PRO booms can be electro-hydraulically operated, from a compact, conveniently located control panel. The primary controls, those which are most used in the field, are grouped together for ease of use, such as boom height, independent tilting of either boom section and complete boom slanting.

Electro-hydraulic operation is option on VH and standard on VP.



The whole range of PRO booms is equipped with an anti-yaw device. The anti-yaw is incorporated into the boom on VP and on the boom centre on VH. The anti yaw secures optimal spray application and minimizes stress on the sprayer.



Standard on PRO VH:
ParaLift for height control
Symmetric fold of boom wings

Optional on VH - standard on VP:
Single-side folding
Individual boom tilt
Boom slant



Horizontally folded booms

EAGLE SPB 18, 20 and 21 m booms

EAGLE booms feature a rugged two-dimensional structure and a coil spring self-stabilizing trapeze boom suspension. This combination provides for many years of trouble free use even in the toughest field conditions.

A non-directional spring loaded break-away system protects the boom from damage.

EAGLE boom is the solution if robustness and high driving speed are required.

Standard:

ParaLift for height control

Symmetric fold of boom wings

Optional:

Single-side folding

Individual boom tilt

Boom slant



The EAGLE boom is available with two different hydraulic set-ups. Y-version gives an easy folding where left and right side of the boom are folded symmetrically. Z-version is electro-hydraulic and gives the possibility of individual tilt and single-side folding. Boom slant is an option on both versions.



The nozzle bodies are located behind and above the bottom of the boom structure, giving maximum protection.

Leading in features

Being the smallest in the large HARDI trailer range, the kinship does not fail. The RANGER is designed to meet the request for a simple and reliable trailer. This goal is reached and proven by successful world-wide sales since the introduction in 2006. At the same time RANGER is leading in its class offering a big range of different features.



Quality and design

Booms based on toughly different concepts ensure the right boom for the specific need. Intelligent tank and frame design ensure stability and strength. Unique components guarantee best performance and ultimate durability.



SelfSteer

SelfSteer is coupled on the tractor's 3-point hitch and gives a better tracking on headland.

SelfSteer is a simple mechanical steering system with low maintenance and no operation or setting required by the operator during the spray job.

SelfSteer can be equipped with slope correction. Slope correction is manually operated directly from the tractor's hydraulics and helps the SelfSteer to stay in the tramline also in hilly conditions.

Manifold

The work zone is where all primary functions are placed in easy-to-reach positions. Everything needed to operate the sprayer is available in this area, and it is designed in a simple and logical way.

The manifold is prepared for options as RinseTank, cleaning nozzle and TurboFiller.

TurboFiller

TurboFiller is a high capacity induction hopper which makes the filling of chemicals fast and easy. The unique TurboDeflector creates a powerful liquid circulation in the hopper and mixes all types of chemicals quickly and safely.

The mixing water is added through a unique distribution plate placed in the bottom of the TurboFiller. This secures a high capacity also when powders are used.

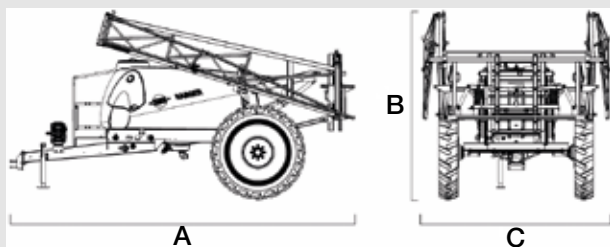
Technical specifications

Boom		EAGLE	PRO
Tank, l (net)		2500	2500
Pumps, type – l/min		1303 - 114 or 363 - 194	1303 - 114 or 363 - 194
Booms, m		18, 20, 21	12, 15, 16, 18, 20, 21, 24
Hydraulic outlets needed (Y models)		1 single + 1 double acting**	1 single + 1 double acting**
Hydraulic outlets needed (Z models)		1 double acting**	1 double acting**
Weight drawbar (empty tank)*, kg		200	160
Weight axle (empty tank)*, kg		1,540	1,820
Weight total (empty tank)*, kg		1,740	1,980
Total length*, m	A	5.40 / 5.53***	5.40 / 5.53***
Total height*, m	B	2.90 (11.2 × 38)	3.61 (11.2 × 38)
Width with boom in transport position*, m	C	2.98	2.55
Track width, m		1.50 – 2.00	1.50 – 2.00
Length draw to axle, m		3.95	3.95
Ground clearance, m		0.70 (11.2 × 38)	0.70 (11.2 × 38)
RinseTank, l		250	250

* Measurements: EAGLE 18 m, PRO 24 m

** Extra outlets needed for Slant on Y version, and for Slope correction

*** No steer / steer



Høje Taastrup, Denmark



France



USA



Nørre Alslev, Denmark



Spain



Australia

HARDI INTERNATIONAL A/S is an international group whose basic idea is to satisfy the user's requirements for quality products which ensure efficient, punctual and precise application of crop protection products. Our world-wide distribution and sales network comprise more than 100 countries where we are represented by importers, agents and sales subsidiaries. These are situated in Sweden, Norway, Denmark, the UK, France, Spain, North America, Germany and Australia.

Since 1957 HARDI has committed to the ever-increasing demands for efficient and precise plant protection. HARDI is the trendsetter within application of crop protection products. To achieve this position continued developments and innovation are essential. HARDI is committed to the long term future of plant protection.

Optionals



Controller

Well proven reliable spray monitor or spray controller:

- HM 1500
- HC 2500
- HC 5500



Brakes

- Hydraulic brakes
- Parking brake
- Pneumatic brakes 1 or 2 circuits



RinseTank 250 l

RinseTank is mounted at the rear of the main tank above the axle to optimize weight distribution.



External Cleaning Kit

Hose reel and spray gun for external cleaning.



CycloneFilter

Unique pressure filter with high speed cyclone action for self-cleaning.

HARDI INTERNATIONAL A/s

Helgeshøj Allé 38 • DK 2630 • Taastrup • Denmark
E-Mail: hardi@hardi-international.com • www.hardi-international.com

HARDI Ltd.

Unit 1 Europark
Watling Street • Clifton-upon-Dunsmore
Rugby • Warwickshire • CV23 0AQ
☎ 01 788 861144 • Fax: 01 788 860450
E-Mail: sales@hardi-uk.com • www.hardi.co.uk

HARDI AUSTRALIA Pty. Ltd.

534-538 Cross Keys Road, Cavan • South Australia, 5094
Phone: QLD(07)3375 3544, NSW(02)96274555,
VIC(03)9310 2211, SA(08)8343 9933, WA(08)9353 2088
Email: info@hardi-aus.com • www.hardi.com.au



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www.fsc.org
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