



2500

Class leading features
RANGER



Class leading features

RANGER

2500



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.

SPECIFICATIONS

- › **Tank:** 2500 l designed for optimal stability and lowest residue
- › **Frame:** High absolute clearance. Low centre of gravity
- › **Diaphragm pump:** Reliable and easy to service
- › **Operating unit:** Electrically operated pressure regulation, on/off and sections
- › **Controller:** HC 5500
- › **Liquid system:** Intuitive and logical manifold system
- › **Axle:** Adjustable from 1.5 to 2 m
- › **PRO boom:** Compact, vertically folded boom: 12, 15, 18, 21 m
- › **EAGLE boom:** Simple and strong boom: 18, 21 m



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.

Vertically folded booms

Excellent performance

PRO VH 12, 15, 18 m booms and PRO VP 21 m boom

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.

AntiYaw

The whole range of PRO booms is equipped with an AntiYaw device.

The AntiYaw 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

Robust in tough field conditions

EAGLE SPB 18 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.

HC 5500 controller

The obvious choice

HC 5500

The HC 5500 is a powerful computer making the spray features easier and safer to use and easily supplies more information when needed. It is the obvious choice where features like advanced farming tools are desired. The operator is instantly informed of the operation status and warned if vital parameters like pressure, speed, etc. are incorrect.

It is advanced farming, ready with up to 98 register and connection possibilities to a site-specific application map or a remote sensor. Optional extras like, TankGauge or 12-V printer are available.

The LogicMenu makes it easy to get vital information very quickly; when pressing preset keys, the information appears in the largeformat area of the screen. They double up as short cut keys for the most used functions. Volume rate can be changed on the go as a percentage or as a volume value.

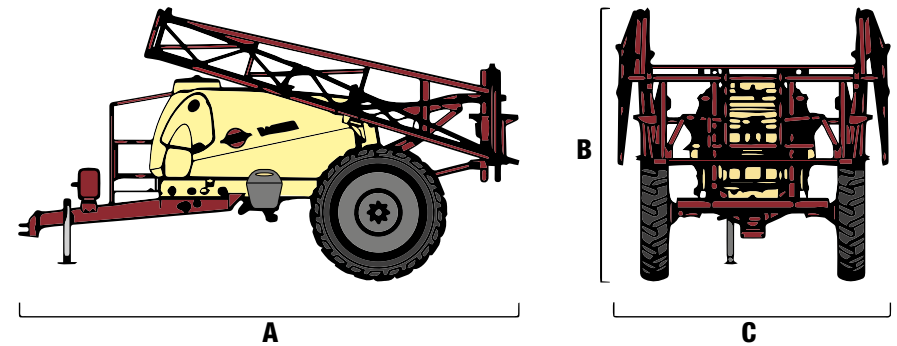
HC 5500 is equipped with the new SprayBox allowing connection of spray management systems.



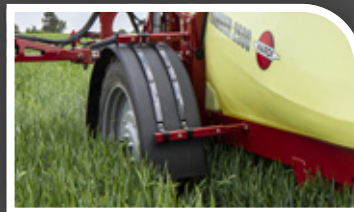
Technical specifications

Boom	EAGLE	PRO
Tank, l (net)	2500	2500
Pumps, type – l/min	364-194	364-194
Booms, m	18 / 21	12 / 15 / 18 / 21
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 total (empty tank), kg	1.740-1.880	1.880-2.100
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 21 m **Extra outlets needed for Slant on Y version, and for Slope correction *** No steer / steer



Optionals extras

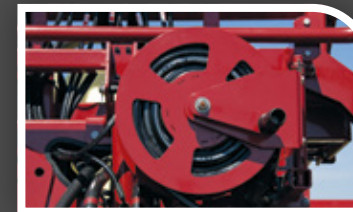


Mudguards



Brakes

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



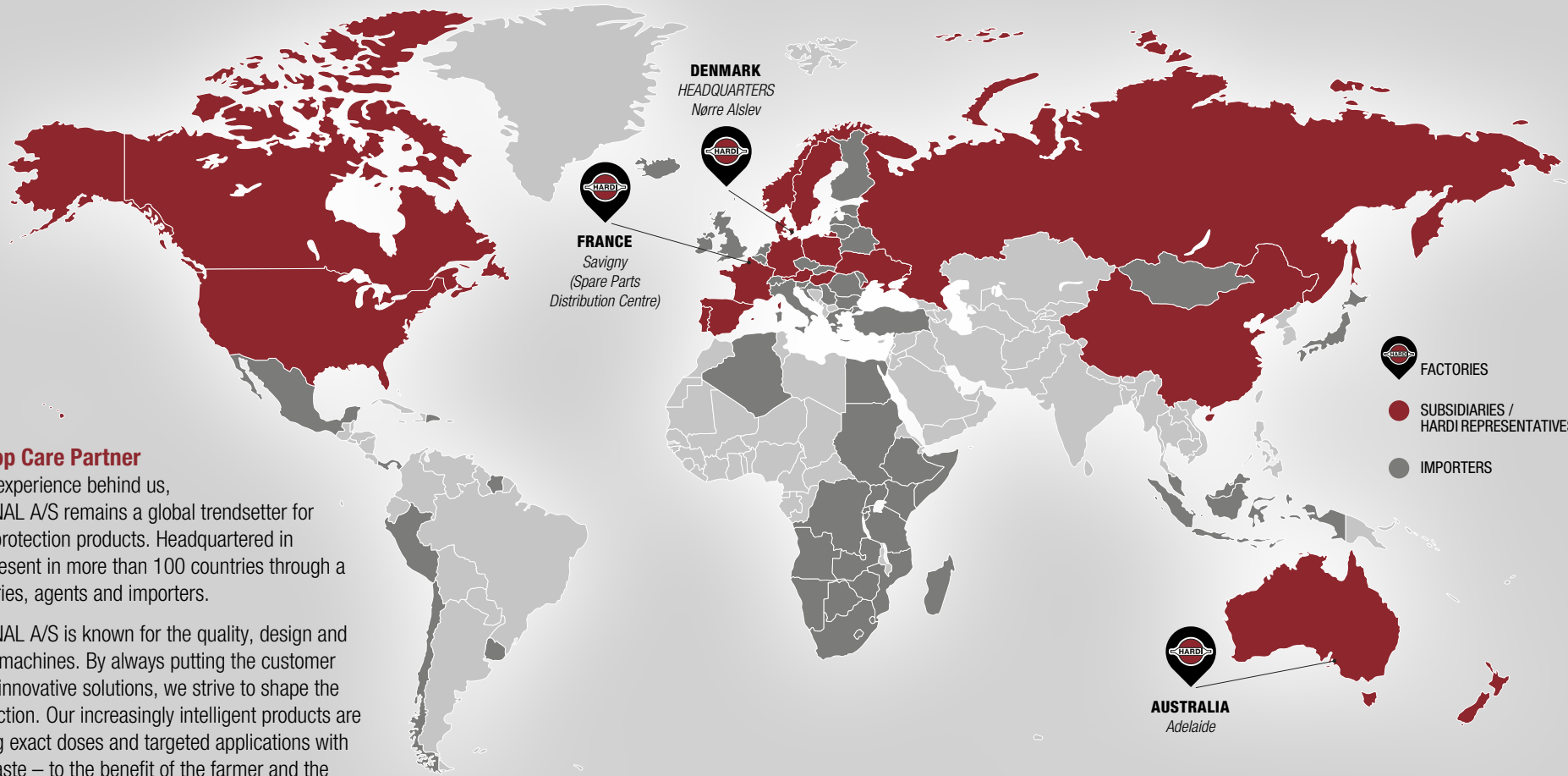
External Cleaning Kit

Hose reel and spray gun for external cleaning



CycloneFilter

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



-  FACTORIES
-  SUBSIDIARIES / HARDI REPRESENTATIVES
-  IMPORTERS

HARDI – Your Crop Care Partner

With over 60 years experience behind us, HARDI INTERNATIONAL A/S remains a global trendsetter for application of crop protection products. Headquartered in Denmark, we are present in more than 100 countries through a network of subsidiaries, agents and importers.

HARDI INTERNATIONAL A/S is known for the quality, design and performance of our machines. By always putting the customer at the centre of our innovative solutions, we strive to shape the future in plant protection. Our increasingly intelligent products are capable of delivering exact doses and targeted applications with minimal drift and waste – to the benefit of the farmer and the environment.

We believe in a future where our products will be able to take care of plants one by one.

The HARDI Group is a division in the Agricultural Spraying segment of Exel Industries S.A.



Your Crop Care Partner

HARDI INTERNATIONAL A/S

Herthadalvej 10 · 4840 Nørre Alslev · Denmark · Tel: +45 54 46 48 00
 Email: info@hardi.com · www.hardi.com



#HARDIsprayers