

Class leading features

Easy to operate - Simple to service



RANGER

RANGER 550 *Value Achieved*



Tank: 550 gal. designed for optimal stability and lowest residue.

Frame: High absolute clearance. Low centre of gravity.

Pump: ACE model 206 hyd. drive or 150 PTO drive centrifugal pumps

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

Liquid system: Economical and logical manifold system.

Axle: Adjustable from 60" to 90".

EAGLE booms: Simple and strong booms in 45 & 60 ft sizes.



Fluid System

A simple pressure manifold / electric pressure regulating fluid system ensures trouble free flow of the chemical solution.



The suction valve located at the front of the service platform allows fluid selection from the main tank or optional 63 gal. flush tank.



Pump

An Ace centrifugal pump system is available in 540/1000 RPM or as a hydraulic drive. The centrifugal pump is a simple solution for the producer looking for a low cost option. The economical choice



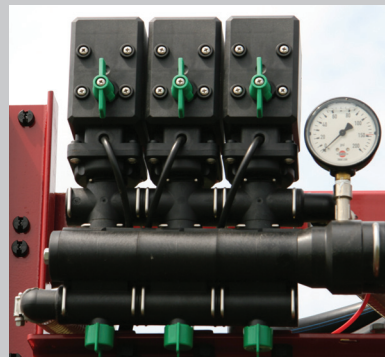
Service Platform

A new easy-up service platform that is accessible from either side makes filling and routine maintenance simple. Easy-up service platform is standard on the RANGER 550.



High Clearance Axle

Adjustable track width from 60 to 90 inches, ground clearance of 24 inches and 12.4 x 28 inch tires allow this sprayer to adapt to most field conditions



EVC Controls

The EVC electric controls feature remote controlled section valves and pressure regulation. The section valves also have the constant pressure feature which allow the operator to shutoff individual sections and maintain accurate application rates. The pressure regulator and section valve can be manually overridden in case of an electrical failure.

RANGER 550 EAGLE SPB 45 and 60 ft booms

Standard:

ParaLift for height control
Symmetric fold of boom
wings

Optional:

Single-side folding
Individual boom tilt

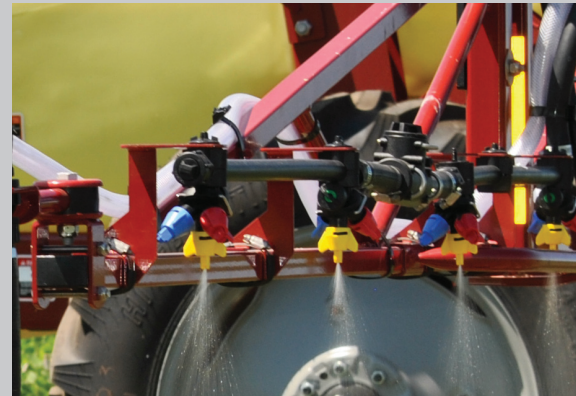
EAGLE booms

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.



ParaLift

The ParaLift system on the RANGER gives superior crop clearance over H – Frame type lift systems. The ParaLift system allows for 20” to 60” of boom height adjustment.



Nozzle Bodies

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

A non-directional spring loaded break-away system protects the boom from damage. EAGLE boom is the solution if rough conditions and or if a high driving speed are required.



RANGER 2000 EAGLE SPB 45, 50, 60 and 66 ft booms

Standard:

ParaLift for height control
Symmetric fold of boom wings

Optional:

Single-side folding
Individual boom tilt

Hydraulics

The EAGLE boom is available with three different hydraulic set-ups. HY-version gives an easy folding where left and right side of the boom are folded symmetrically. HZ-version is electro-hydraulic and gives the possibility of individual tilt and single-side folding. HV-(550 only) Individual wing fold and center lift



Break away

The EAGLE boom is standard with a forward and rearward spring loaded break away



RANGER 2000 *Quality Designed*



Tank: 550 gal. designed for optimal stability and lowest residue.

Frame: High absolute clearance. Low centre of gravity.

Pump: HARDI diaphragm pumps - Positive displacement / Self-priming

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

Liquid system: Intuitive and logical manifold system.

Axle: Adjustable from 60" to 90".

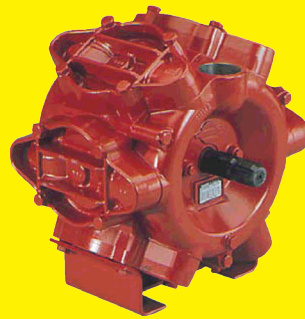
EAGLE booms: Simple and strong booms in 45,50, 60 & 66 ft sizes.



Manifold Fluid System

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.



Pump

HARDI Diaphragm pumps are designed for the application of crop protection products and liquid fertilizers. The principle of the HARDI diaphragm pump separates the liquid from vital parts of the crankshaft and bearings. This makes for years of dependable service.

The advantages of HARDI diaphragm pump

- 30 – 89 GPM depending on pump model
- Capable of 220 PSI
- Able to run dry without damage
- Easy to service
- Positive displacement
- Self priming



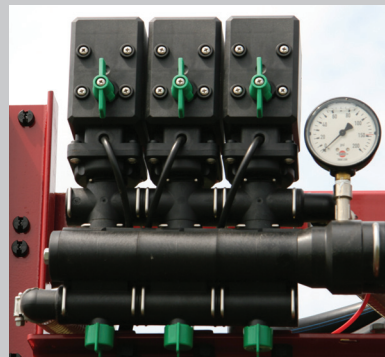
High Clearance Axle

Adjustable track width from 60 to 90 inches, ground clearance of 27 inches and 11.2 x 38 inch tires allow this sprayer to adapt to most field and crop conditions



Service Platform

A large service platform with step makes filling and routine maintenance simple. Standard on the RANGER 2000.



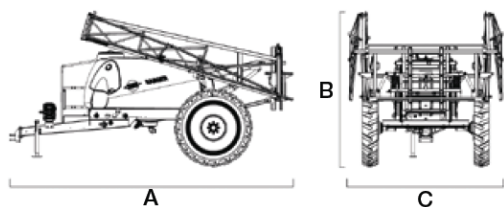
EVC Controls

The EVC electric controls feature remote controlled section valves and pressure regulation. The section valves also have the constant pressure feature which allow the operator to shutoff individual sections and maintain accurate application rates. The pressure regulator and section valve can be manually overridden in case of an electrical failure.

Specifications

Boom	EAGLE
Tank, gal (net)	550 (550 & 2000)
Pumps, type	Ace 206 or 150 (550 only) HARDI 1303, 363 or 463 (2000 only)
Booms, ft	45, 50, 60, & 66
Hydraulic outlets needed	(HY models) 1 single + 1 double acting
Hydraulic outlets needed	(DHP models) 1 double acting
Weight drawbar (empty tank)*, lbs	360
Weight total (empty tank)*, lbs	3470
Total length*, in (A)	213
Total height*, in (B)	114 (11.2 x 38)
Width with boom in transport position*, in (C)	120
Track width, in	60 – 90
Length draw to axle, in	156
Ground clearance, in	24 (28" Tires) 27 (38" Tires)
RinseTank, gal	63 (optional on 550)

* Measurements: EAGLE 60'



Hoje Taastrup, Denmark



Norre Alslev, Denmark



France



Spain



USA



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.

Optional Accessories

Controller



Well proven reliable spray controllers: • HC 2500 or • HC 5500

TurboFiller



Capacity induction hopper which makes the filling of chemicals fast and easy.

RinseTank 63 gal



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

Read more at www.hardi-us.com

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HARDI - Your Sprayer Specialist