Proven design and quality

NK

400 / 600 / 800 / 1000

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Well proven sprayers

The HARDI NK sprayer is one of the most versatile sprayers ever built. The NK is used by professional plant growers all over the world. It finds its use in traditional farming, horticulture, orchards, vineyards and on grasslands.

The NK has a durable and well proven design that offers far more features and options than you would expect from a sprayer in this class.

Chassis

The chassis is the base of a long lasting sprayer. The design of the NK chassis provides for a centre of gravity that is both low and close to the tractor. The design also provides easy access for service. The NK chassis is zinc-phosphate treated before being coated with polyester powder. This ensures outstanding weather and chemical resistance on all chassis parts.

SB & MB boom

Simple and reliable, the 6, 8 and 10 m SB booms are mounted directly to the sprayer frame, and trapeze suspension is offered as an option. The 12 m MB boom features trapeze suspension as standard. Hydraulic lift is available as an option for both booms.

HYS boom

The hydraulic folding 12 m HYS boom is offered as an option for the NK 1000. It features self-stabilising suspension, along with single-side folding to make avoiding obstacles easier.

Durable boom designs

Like the chassis, booms for the NK are zinc-phosphate treated and coated with polyester powder. This and HARDI's proven designs – including adjustable spring loaded break-aways in case of an obstacle strike – help ensure long and reliable service.

No dripping from nozzles

The single SNAP-FIT nozzle holders have a built-in non-drip diaphragm check valve. This valve ensures no dripping from the nozzles when the main on/off is closed. The SNAP-FIT system also ensures the nozzles are fitted in the right position. A large range of high quality HARDI nozzles is available to suit any spray task.

NK 1000

Selector Valves

Enlarged chassis with step

Optional TurboFiller

Enlarged capability, efficient operation

As the largest sprayer in the NK linkage family, the NK 1000 has a large tank and capacity features to match. The chassis is more substantial, to accommodate the extra weight, and a chemical suction probe is installed as standard, to make chemical handling easier and safer.

The NK 1000's high capacity options include

- Side-mounted Turbofiller hopper with TurboDeflector, for efficient chemical mixing.
- A 170 l/min HARDDI 363 positive displacement diaphragm pump that can be run dry without damage.
- An 80 litre rinse tank integrated into the chassis, to permit for in-field flushing of the tank and boom.

Technical specifications

Tank size, l	Boom model	Width	Pump model	Pump capacity, l/min	Size, L × W × H	Weight, kg
400	SB	6 m	603 / 1203 / 1303	31 / 99 / 114	140 × 190 × 170	150
	SB	8 m	603 / 1203 / 1303	31 / 99 / 114	140 × 190 × 210	160
	SB	10 m	603 / 1203 / 1303	31 / 99 / 114	140 × 190 × 210	180
600	SB	6 m	603 / 1203 / 1303	31 / 99 / 114	140 × 190 × 170	170
	SB	8 m	603 / 1203 / 1303	31 / 99 / 114	140 × 190 × 210	180
	SB	10 m	603 / 1203 / 1303	31 / 99 / 114	140 × 190 × 210	200
	MB	12 m	603 / 1203 / 1303	31 / 99 / 114	140 × 190 × 220	240
800	SB	6 m	603 / 1203 / 1303	31 / 99 / 114	140 × 190 × 170	200
	SB	8 m	603 / 1203 / 1303	31 / 99 / 114	140 × 190 × 210	210
	SB	10 m	603 / 1203 / 1303	31 / 99 / 114	140 × 190 × 210	230
	MB	12 m	603 / 1203 / 1303	31 / 99 / 114	150 × 190 × 220	270
1000	SB	6 m	603 / 1203 / 1303	31 / 99 / 114	140 × 190 × 170	230
	SB	8 m	603 / 1203 / 1303	31 / 99 / 114	140 × 190 × 210	240
	SB	10 m	603 / 1203 / 1303	31 / 99 / 114	140 × 190 × 210	260
	MB	12 m	603 / 1203 / 1303	31 / 99 / 114	150 × 190 × 220	300
	HYS	12 m	603 / 1203 / 1303	31 / 99 / 114	155 × 235 × 240	615

Options

EVC-3 Rate Controller

Foam marker

TRIPLET

15 l Clean water tank

Hose reel

Hydraulic boom lift

Tank

The high-impact polyethylene tank has a deep sump that ensures complete emptying of the tank. The tank design maximises liquid agitation as well as ensuring easy and efficient tank cleaning with the use of a tank cleaning nozzle. The top mounted suction filter on the 400, 600, 800 and 1000 l tanks makes it safe and easy to perform routine maintenance on the filter screen.

The NK sprayer also comes with pressurised agitation as standard, to ensures consistent agitation of even the most difficult mixtures.

Pump

HARDI pumps are specifically designed for applying chemicals and liquid fertiliser. The diaphragms separate the liquid from the vital parts of the pump, such as its bearings and crankshaft, to ensure reliable and durable operation.

HARDI diaphragm pump features:

- Self-priming
- Able to run dry without damage
- Easy to service without special tools
- Grease lubricated crankcase
- Chemical resistant diaphragms and valves

Control

All NK sprayers have our unique and reliable HARDI BK-180 control unit fitted as standard. This unit includes a long list of features that work together to ensure the accurate and reliable application of all plant protection chemicals.

- Main on/off that diverts all liquid back into the tank
- Safety valve
- Pressure filter
- Pressure gauge
- Valve for pressure agitation
- Minimum of 3 distribution valves with constant pressure system
- HARDI-MATIC for constant application rate regardless of RPM variations

SPECIFICATIONS

- **Tank:** 400, 600, 800 or 1,000 l high impact polyethylene
- **Frame:** Low centre of gravity close to tractor
- **Diaphragm pump:** Reliable, high capacity and easy to service
- **Operating unit:** Manual operated HARDI BK-180
  EVC-3 Electronic Controller
  SVC-3 Solenoid Electric Controller
- **Booms:** Manual or hydraulic fold 6, 8 and 10 m SB boom
  Manual fold 12 m MB boom
  Hydraulic fold 12 m HYS boom

- Versatile
- Durable
- Simple operation
- Easy to service

Nørre Alslev, Denmark

Lleida, Spain

Savigny, France

Noyers St Martin, France

Beaurainville, France

Davenport, USA

Adelaide, Australia

HARDI
The Sprayer

HARDI AUSTRALIA PTY LTD
is a suubsidiary of HARDI INTERNATIONAL, a world leader in sprayer technology.

The majority of HARDI sprayers and booms sold in Australia and New Zealand are manufactured here. We employ more than 100 engineering, testing, distribution and support staff in 15,000 square metres of modern facilities, located on our 10-hectare site in Adelaide, South Australia.

Leading the world

For over 60 years, HARDI INTERNATIONAL has single-mindedly dedicated itself to improving the efficiency and precision of sprayed plant protection. Now a world leader in the field, HARDI recognises its role in global food security through the safe and sustainable application of agricultural compounds.

The Australian product development centre works closely with five other HARDI development centres internationally, to share local innovations with the world and to streamline the delivery of global improvements at home.

Quality assurance

All sprayers leaving the HARDI AUSTRALIA factory are extensively tested in our own test facilities. We then provide ongoing support through our extensive service and dealer networks.

Built to last

Together with the Delta/Magni treatment of nuts, bolts and other items, we finish all our products with comprehensive water and chemical protection.

The high-technology surface treatment involves 13 processes, including a zinc-phosphate pre-treatment and polyester powder coat painting of all major components.

HARDI reserves the right to change the specifications without notice. Illustrations shown may include optional extras and accessories.

HARDI

CNE AG INNOVATIONS

"FROM FARMERS, FOR FARMERS"

CNE Ag Innovations Pty Ltd
15 Ferguson St, Kewdale 6105
P. 1300 026 603
www.cneaginnovations.com.au