

Compact size

Big on versatility



LB 50

The LB 50 is a durable and very rugged mistblower. It is specially designed for farmers that demand a professional machine which is simple to operate and has low cost maintenance. It is designed for use in smaller trees and bushes as well as in vines.

Max. tree height: 8' (2.5 m)
 Max. row width: 10' (3.0 m)

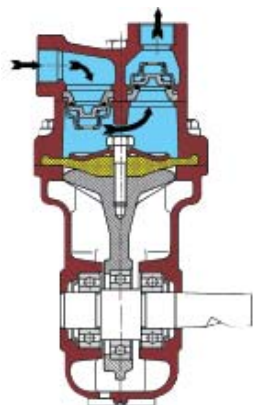
Suitable for application rates from 30 GPA (280 l/ha) to 350 GPA (3,200 l/ha).

The tank is made of polyethylene and incorporates a sump for emptying. The level indicator is molded in the tank. The tank is chemical resistant, knock proof and U.V. Stabilized.



The M70/2 control unit consists of a main on/off valve, pressure regulator and pressure gauge, and 2 section valves for individually closing left or right side.

The fan is equipped with 6 fan blades that can be angled in 4 positions in order to obtain the most optimal relation between air volume and power requirement. The fan housing is made of fiberglass, incorporating an air deflector in the bottom in order to optimize the air distribution. An optional V-deflector can be mounted on top. The 10 nozzle holders can be shut off individually, with the aim of maximum adaptability to the crop



HARDI diaphragm pump

The well known 321 HARDI® diaphragm pump is standard on the LB 50 mistblowers. The fact that the spray liquid does not come into contact with the vital parts of the pump, makes it very reliable. It is self priming and able to run dry without danger of damage.

The HARDI® diaphragm pumps are designed for the application of plant protection pesticides and liquid fertilizer.

The diaphragm separates the liquid from the vital parts of the pump's crankshaft and bearings. This keeps wear to a minimum.



The HARDI 321 diaphragm pump is:

- Self-priming
- Able to run dry without damage
- Capable of 350 PSI (25 bar) pressure
- Easy to service
- Grease lubricated (dry crankcase)
- Mounted with chemical resistant diaphragms and valves
- Able to rotate clockwise or counterclockwise
- Positive displacement feature provides a high level of accuracy

Model	Pump model	Pump capacity		Pump pressure		Tank		Blower dia.		Air volume		Power cons.		Measure L x W x H		Weight	
		GPM	l/min	PSI	Bar	GAL	litres	in	mm	CFM	m ³ /h	HP*	kW	In	cm	lbs	kg
LB50	321	13	51	350	25	50	200	22	550	11,200	19,000	11.0	8	54 x 32 x 41	137 x 81 x 104	309	140
LB50D	321	13	51	350	25	50	200	22	550	11,200	19,000	11.0	8	54 x 32 x 45	137 x 81 x 114	320	145

* Maximum power consumption with blade inclination in position 4 and pump operating at 220 PSI.

General Features

- 50 gallon (200 l) UV protected polyethylene tank
- Frame with Cat. I or II hitch
- 22" (550 mm) axial fan that can be disengaged
- Adjustable pitch fan blades
- 321 diaphragm pump, 540 RPM, PTO driven, 350 PSI (25 bar)
- PTO shaft
- M70/2 controls with on/off lever and right/left section control
- 2 1/2" (64 mm) pressure gauge
- Suction filter
- Fan disengagement allows agitation and calibration
- 10 single nozzle holders with built-in shut off position
- Color coded ceramic nozzles
- Hydraulic agitation



The specially developed fan housing with built-in vertical deflector (model LB 50D) has been designed for the specific requirements in vine spraying and other hedge row crops. It is provided with two adjustable deflectors on top, to guide the air stream.

Read more at www.hardi-us.com

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HARDI - Your Sprayer Specialist