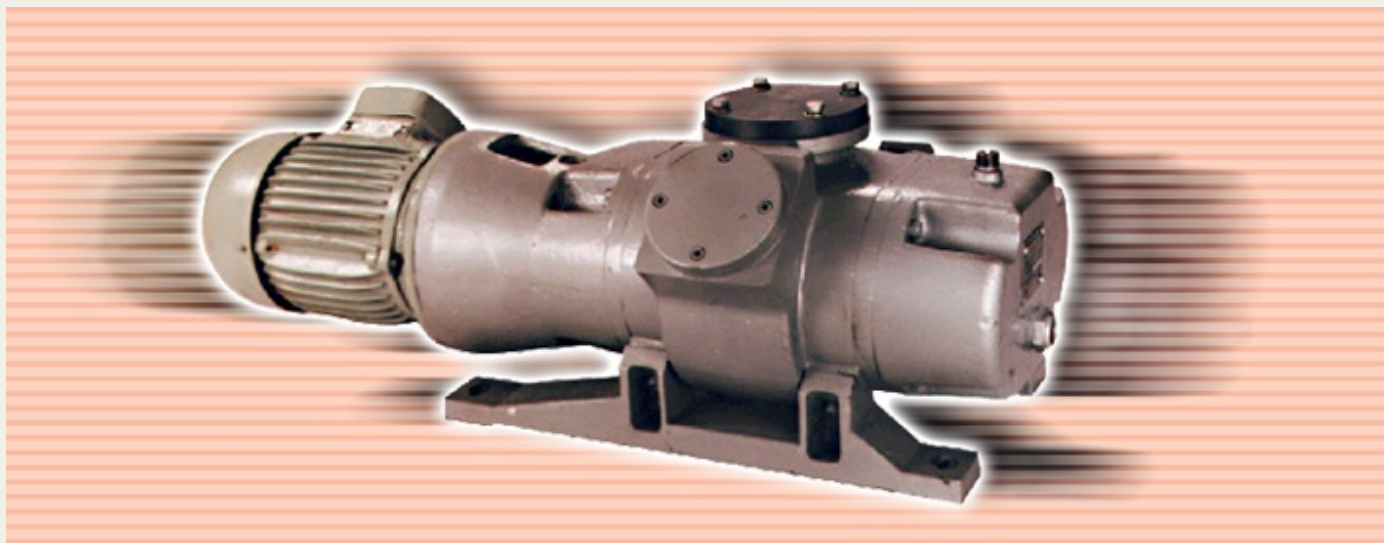


Roots Pumps

MODELS: RD-150, RD-375, RD-500 & RD-1450



HINDHIVAC manufactures three models of Direct Driven Vacuum Roots Blowers model RD 150, RD 500 and RD 1450.

These pumps are compact with a very advanced impeller design for operation at maximum differential pressure around 60 m.bar.

These Roots Pumps are ideal for use in Industrial Vacuum Systems where high degree of pumping speed and ultimate vacuum are desired.

They are specially balanced on dynamic balancing machines to ensure vibration free running at high RPM's. The perfect functioning of the roots pump with a favourable compression ratio of 1:3 & 1:10 depending upon the conditions can be achieved by selecting suitable backing pump.

Salient Features

- Rated for continuous running
- Fast pump down
- Handles large gas loads at low pressures
- Field maintainable without special tools
- Rugged and rated for high production
- Built-in bypass valve for atmospheric start

TECHNICAL SPECIFICATIONS

	Model	Model	Model
Particulars	RD-150	RD-500	RD-1450
Effective pumping speed capacity (m ³ /hr)	150	500	1450
Ultimate Vacuum (m. bar)	1X10 ⁻³	1X10 ⁻³	1X10 ⁻³
Fore Vacuum connection (Dia)	70mm	70mm	125mm
High Vacuum connection (Dia)	70mm	70mm	125mm
Nominal rotational speed (RPM at no load)	2800	2800	2880
Motor (HP) (3 Ph, 440V, 50 Hz)	1	2	7.5
Oil for bearing (Lits)	1	1.5	3 to 4
Cooling Medium	Air	Air	Air
Net weight (Kgs)	90	110	250
Backing Pump Capacity(m ³ /hr)	30	250	500

HIND HIGH VACUUM CO. PVT. LTD.

Site No.17, Phase 1, Peenya Industrial Area, Bangalore - 560 058, India. Ph: 080-8394518, 8394615, 8394617, 8394640. Fax: 080-8394874. E.Mail : info@hindhivac.com

SALES OFFICE

Baroda: Ph: 33178, 359039. Fax: 0265-331505. Calcutta: Ph: 4661462, 4649182. Fax: 033-4662830. Chennai: Ph: 4891061. Fax: 044-4891061. Hyderabad: Ph: 3235504, 3234609. Fax: 040-3235504. Mumbai: Ph: 5550003, 5587219. Fax: 022-5563724. New Delhi: Ph: 6282410, 6282411. Fax: 011-6282412. Pune: Ph: 5466095, 5442426. Fax: 020-5466095.