

IDX 1000/1300



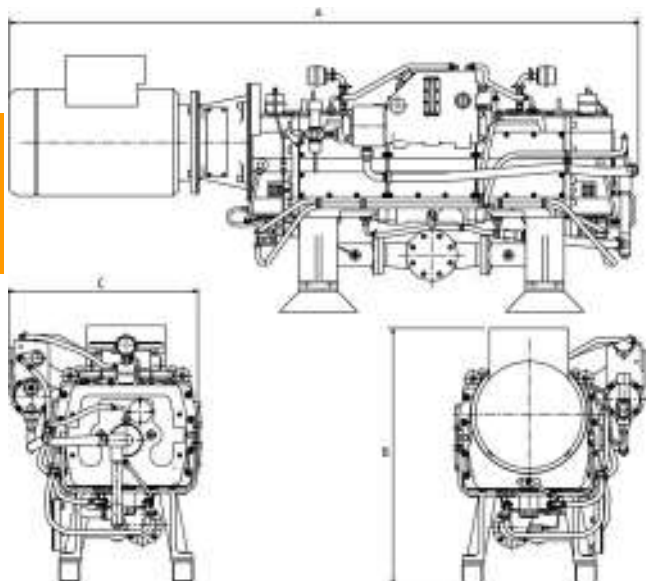
The IDX1000 is the new benchmark in performance for fast pumpdown of large chambers and high capacity pumping for industrial processes.

Based on the double-ended screw technology, the IDX Dry Vacuum Pump will give you all the reliability and performance you want for your process. The IDX outperforms all other dry pumps in robustness, performance and ease of operation, giving you faster pump-down from atmosphere and managing higher throughput at low pressures. Dry pumping systems reduce energy costs, eliminate effluent and can give significant improvements in product quality, making them the ideal solution for many coating and metallurgy processes.

Features & Benefits

- Improved Performance and Reliability
- Continuous performance from atmosphere to ultimate
- Excellent thermal profile and temperature control
- Tolerates liquid and particles
- Does not contaminate your process

Dimensions

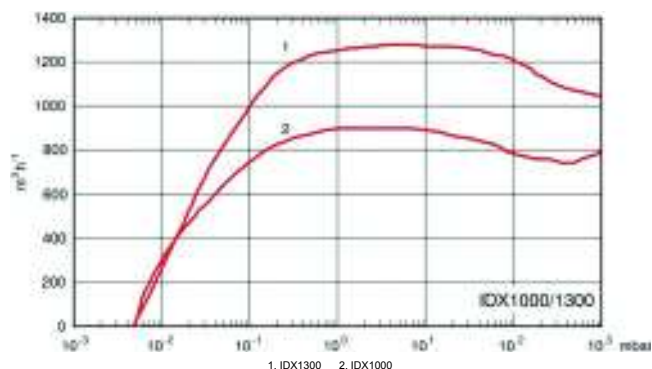


	IDX1000	IDX1300
A	50Hz 2250mm (88.5") 60Hz 2290mm (90.1")	2465mm (97") 2515mm (99")
B	854mm (33.6")	1005mm (39.6")
C	750mm (29.5")	750mm (29.5")

Applications

- Metallurgy
- Vacuum Induction Melting (VIM)
- Vacuum Arc Refining (VAR)
- Precision Investment Casting (PIC)
- Steel Degassing

Performance Curves



Technical Data

Mass	IDX1000	IDX1300
50 Hz	1560 kg (3439 lb)	1590 kg (3506 lb)
60 Hz	1630 kg (3594 lb)	1660 kg (3660 lb)
Pumping Speed		
Nominal	1000 m ³ h ⁻¹ (589 cfm)	1300 m ³ h ⁻¹ (766 cfm)
Actual	900 m ³ h ⁻¹ (560 cfm)	1250 m ³ h ⁻¹ (736 cfm)
Ultimate pressure	5 x 10 ⁻² mbar (3.75 x 10 ⁻² Torr)	5 x 10 ⁻² mbar (3.75 x 10 ⁻² Torr)
Noise	82 dB(A)	82 dB(A)
Motor	30 kW (40 hp)	30 kW (40 hp)
Optional	22 kW (30 hp)	

Ordering Information

Product Description	Order No.
IDX1300 30kW DIN Safe Area	A70904985
IDX1300 40hp ANSI Safe Area	A70914985
IDX1000 22 kW 50 Hz safe area	A70803985
IDX1000 30 kW 50 Hz safe area extended performance	A70804985
IDX1000 30 hp 60 Hz safe area	A70813985
IDX1000 40 hp 60 Hz safe area extended performance	A70814985
Accessories & Spares	Order No.
Gear Box Oil 4 Ltr Mobil SHC 629	H11023011
Coolant 0.9/2L Drystar	H12810003
IDX Routine maintenance kit	A70801800
IDX Heat exchanger cleaning kit	A70801801
IDX Cooling system overhaul kit	A70801802
IDX Motor fitting kit	A70801803
IDX Drive coupling kit	A70801804
IDX Bearing and seal replacement kit	A70801805
IDX Oil pump replacement kit	A70801806
IDX Strip and rebuild kit	A70801807
IDX Flame arrestor cleaning kit	A70801808
IDX Hoses kit	A70801809
IDX Flame arrestor replacement kit (inlet)	A70801810
IDX Flame arrestor replacement kit (outlet)	A70801811
IDX Flame arrestor tooling kit	A70801812