

COBRA DS 0700-2000 G

Dry screw vacuum pumps



VACUUM SOLUTIONS



High performance

Advanced screw design, excellent running qualities, integrated vacuum booster, perfectly suited for chemical vapor deposition, rapid thermal processing or atomic layer deposition

Efficient

Low cost of ownership, minimal maintenance, long service intervals, high uptime, efficient indirect water cooling, high hydrogen throughput

Compact

Fit-in-place design, directly mounted canned motor, backing pump and vacuum booster combined on a compact base frame

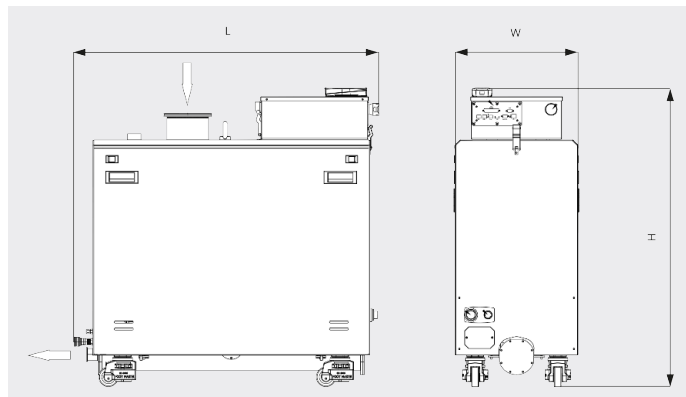
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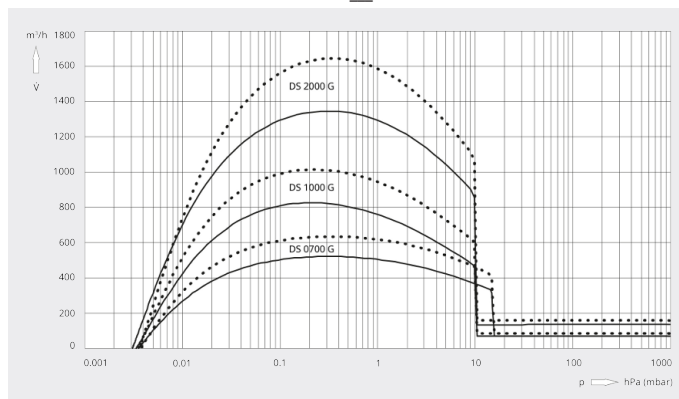
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

___ 50 Hz 60 Hz



	COBRA DS 0700 G	COBRA DS 1000 G	COBRA DS 2000 G
Nominal pumping speed	359.0 ACFM	565.0 ACFM	965.1 ACFM
Ultimate pressure	0.00225 TORR	0.00225 TORR	0.00225 TORR
Nominal motor rating backing pump	5.9 HP	5.9 HP	8.9 HP
Nominal motor rating vacuum booster	5.9 HP	5.9 HP	8.9 HP
Power consumption at ultimate pressure / idle mode	4.8 / 4.8 HP	5.4 / 5.4 HP	9.1 / 9.1 HP
Nominal motor speed backing pump	3600 RPM	3600 RPM	3600 RPM
Nominal motor speed vacuum booster	3600 RPM	3600 RPM	3600 RPM
Noise level (ISO 2151)	< 62 dB(A)	< 62 dB(A)	< 68 dB(A)
Water consumption	5.0 l/min	5.0 l/min	5.0 l/min
Nitrogen consumption	0 – 75 l/min	0 – 75 l/min	0 – 75 l/min
Weight approx.	979 Lbs.	1267.2 Lbs.	1469.6 Lbs.
Dimensions (L x W x H)	34.1 x 15.2 x 36.1 inches	40.7 x 16.7 x 42.1 inches	41.9 x 18.3 x 42.1 inches
Gas inlet / outlet	DN 63 / DN 40	DN 100 / DN 40	DN 160 / DN 40

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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