

SYNERGY VACUUM

Dry Screw Pump

PS-602

PS-802

PS-1302

PS-1802

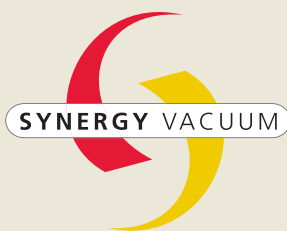


Water-cooled, low-ambient noise - and Ethernet Connectivity!

The PS series of dry screw pumps are designed for both harsh and clean processes. They are available in a wide range of speeds and alternative sizes to meet rough and fine vacuum requirements for many applications, markets and industries.

We offer a wider range of pumps to meet your individual speed requirements from 47/57 through to 883/1060 cfm (50Hz/60Hz). Additionally, the PS Series ultimate pressures equal or exceed the competition.

The PS Series Dry Screw Pumps offers better overall performance and size standards while remaining highly competitive in terms of utilities and space requirements. There is a low ambient noise ratio while maintaining consistent pumping speeds at 50Hz to 60Hz.



APPLICATIONS:

Glass/Optical Coating

Data Storage CD/DVD

Surface Coating

LED

Plasma

MRI

SEM

Inspection

Beam Lines



PS-602
PS-802
PS-1302
PS-1802

Dry Screw Pumps

SPECIFICATIONS	PS-602	PS-902	PS-1302	PS-1802
Water Flow	3-7 L/Min	3-7 L/Min	3-7 L/Min	3-7 L/Min
Temperature	18C-30C (64F - 86F)	18C-30C (64F - 86F)	18C-30C (64F - 86F)	18C-30C (64F - 86F)
Displacement	294 cfm (8300l/m) @ 50 Hz 353 cfm (10000 l/m) @ 60 Hz	441 cfm (12500l/m) @ 50 Hz 530cfm (15000 l/m) @ 60 Hz	618 cfm (17500 l/m) @ 50 Hz 742 cfm (21000 l/m) @ 60 Hz	883 cfm (25000 l/m) @ 50 Hz 1060cfm (30000 l/m) @ 60 Hz
Ultimate Pressure	0.75 mTorr	0.75 mTorr	0.75 mTorr	0.75 mTorr
Motor Power	2.98+2.98 KW / 4+4 HP	4.47+2.98 KW/ 6 + 4 HP	4.47+4.47 KW / 6+6 HP	4.47+4.47 KW / 6+6 HP
Voltage	220-440V (50/60HZ)	220-440V (50/60HZ)	220-440V (50/60HZ)	220-440V (50/60HZ)
Weight	992lb (450 kg)	1146lb (520 kg)	1190lb (540 kg)	1202 lb (545 kg)
Dimensions (W/D/H)	15/32/35.8 inches (380/814/908 mm)	16/35.3/32.1 inches (405/895/943 mm)	16.7/36.2/37.7 inches (425/920/957 mm)	16.7/36.2/41.2 inches (425/920/1047 mm)
Connections	Inlet - ISO100 Outlet - NW40	Inlet - ISO100 Outlet - NW40	Inlet - ISO160 Outlet - NW40	Inlet - ISO160 Outlet - NW40

For more information related to these products, go to www.synergyvacuum.com

