



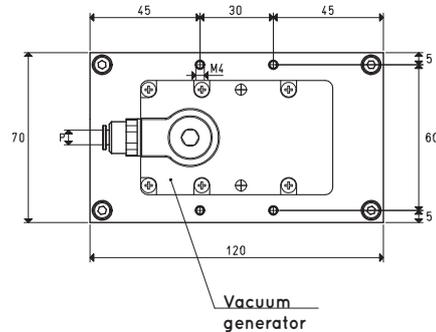
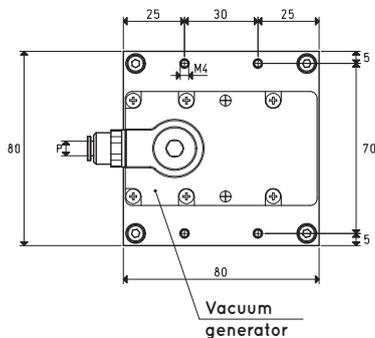
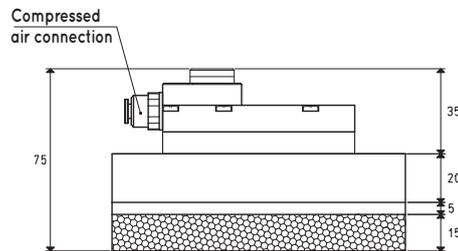
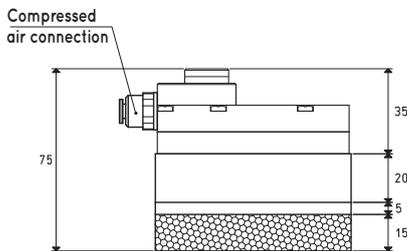
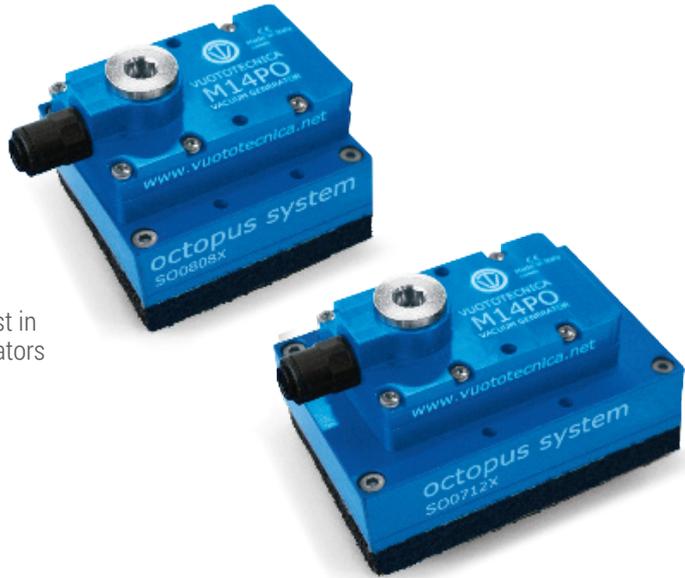
SMALL OCTOPUS VACUUM GRIPPING SYSTEMS

The OCTOPUS system is a vacuum gripping device equipped with one or more compressed air-fed vacuum generators (included in the item code).

It is composed of:

- Main body in anodised aluminium;
- Anodised aluminium suction plate with evenly spaced calibrated holes and covered with perforated foam rubber, which ensures adaptability to smooth, rough or uneven surfaces;
- A multi-stage vacuum generator with built-in silencer.

These OCTOPUS systems are also available upon request in dimensions and with vacuum tables and vacuum generators other than those indicated in the table.



Item		SO 08 08 X	SO 07 12 X
Suction plate	item	PX 08 08	PX 07 12
Gripping force	Kg	3	4
Vacuum generator (integrated)	item	M14PO	M14PO
Maximum supply pressure	bar	5	5
Maximum level of vacuum	-kPa	85	85
Air consumption at 6 bar	l/s	2.5	2.5
Intake air flow rate	m ³ /h	12.6	12.6
Temperature of use	°C	-20 / +80	-20 / +80
Weight (including vacuum generator/s)	Kg	0.4	0.7
P Connection for compressed air tube	Ø ext.	6	6

NOTE: The vacuum generator indicated in the table is included with the OCTOPUS system.

NOTE: All vacuum values indicated in the table are valid at the normal atmospheric pressure of 1013 mbar and obtained with a constant supply pressure.

Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard ISO 8573-1 class 4.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$