

The planning checklist for selection of a vacuum generator

How is the vacuum generator driven?	Electrically (pump, blower) or pneumatically (ejector).
Is the workpiece air-tight or porous?	Affects the evacuation volume.
How large is the volume to be evacuated?	Details (in m ³ /h or l/min) are shown for each vacuum generator.
How long is the required cycle time?	Affected by: the evacuation volume of the vacuum generator, the volume to be evacuated, the switching times of the valves etc.
Which vacuum value is required?	For practical use, a value of -600 mbar is assumed for calculations with air-tight workpieces.
Where is the vacuum generator located?	Affects the size, weight and additional functions.

Vacuum accessories



Sealing rings (DR)

Robust PA sealing rings with excellent sealing properties. Further information in Section 8.



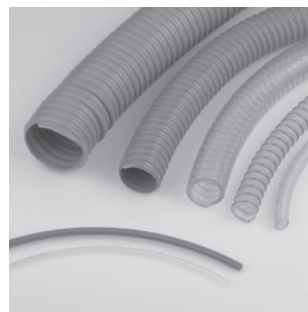
Vacuum filters (VF/VFT/STF)

Filter the incoming air to protect the vacuum generator against dirt and resulting failure. Depending on the air-flow rate, various vacuum filters are available. Further information in Section 8.



Plug-in screw-unions

For quick, tool-free connection of hoses to vacuum generators. Further information in Section 8.



Vacuum hoses (VSL)

Carry the vacuum to the places where it is needed. Suitable for both compressed-air and vacuum. Further information in Section 8.