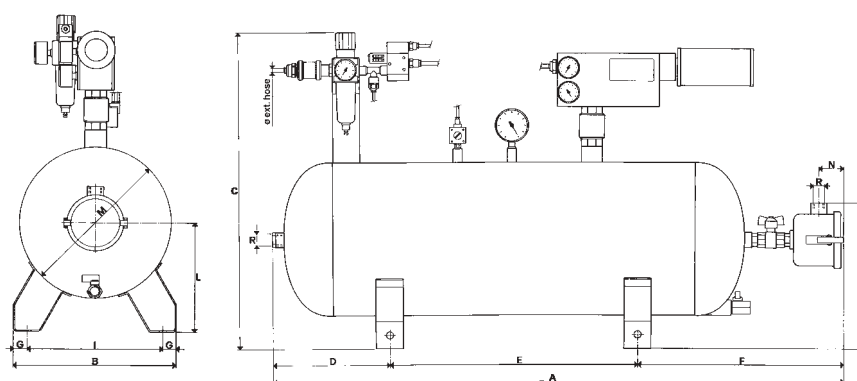


## [Venturi pumpsets]



The Venturi pumpsets are self-contained units for the vacuum production, fed only by compressed air. They consist of:

- A welded steel plate tank.
- A vacuum generator operated by compressed air.
- A pneumatic vacuum switch for the adjustment of the operative vacuum degree range.
- A vacuum gauge for direct reading of the vacuum degree in the tank.
- A manual valve for intercepting vacuum.
- A pressure regulator with filter.
- A pneumatically operated valve for feeding the vacuum generator.
- A sleeve valve for intercepting compressed air.
- A cock for draining condensate from the tank.

They are normally used for moving particularly heavy or valuable loads, because also in the event of sudden electric current failure, they allow the cups to hold the load for a certain time after failure (variable according to the tank capacity).

They are also recommended in multi-point applications, to centralize vacuum.

In both cases the use of the pumpset is particularly profitable under the point of view of the energy saving, because the generator starts working only when vacuum is required by the machines.

The Venturi pumpsets do not require electric current, but just compressed air at a pressure of 4 ÷ 6 bar; because of this feature, their use is recommended in hazardous environments where an ignition source would be dangerous.

Art.	Tank Litres	Generator Mod.	A	B	C	D	E	F	G	H	I	L	M	N	R	Hose ext. Ø
DOP 25	25	PVP 25MD														
	25	PVP 35MD	780	270	550	200	250	330	30	225	210	185	240	40	1/2"	8
DOP 50	50	PVP 50MD														
	50	PVP 60MD	1080	300	590	220	460	400	27.5	245	245	205	280	40	1/2"	12
DOP 100	100	PVP 75MD	1340	355	670	290	570	480	30	300	295	255	350	45	1"	12
DOP 150	150	PVP 150MD	1460	410	800	270	735	455	30	360	350	280	400	45	1"	18
DOP 300	300	PVP 300MD	1930	510	910	320	980	630	30	440	450	340	500	80	1 1/2"	18