

PUMPING GROUP WITH 4 PUMPS FOR DRY PIPE AN/GAS4

Description

Pumping equipment composed of volumetric type electric pumps with ceramic pistons with a flow rate of 40L / min, a pressure of 140 bar, a three-phase electric motor of 400 V and 15 HP (11.04 kw) each, plus a stainless steel centrifugal pump with a 24 m3 flow rate. / h and power of 1.5 CV up to 6 pumps and 3 CV for the rest, enough to supply 10 pumps. The supply pressure will be ensured by this priming pump at 4 bar.

The electrical control panel that regulates the operation of the equipment is designed according to the UNE 23500 standard and allows remote alarms to be issued. The equipment is made up of a pump controlled by a frequency inverter and the others by soft starters.

It is delivered mounted on a universal bench, regulated according to the working pressure according to the project and its operation checked.



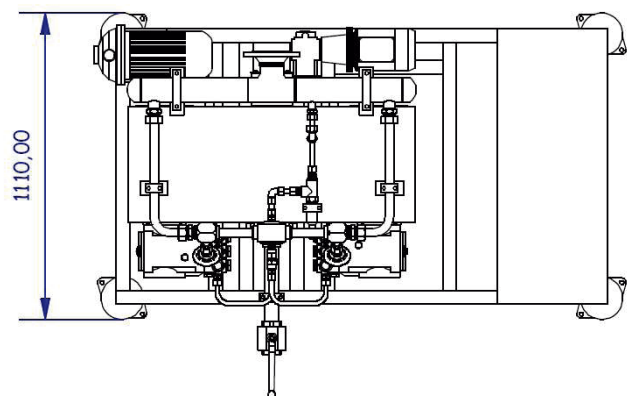
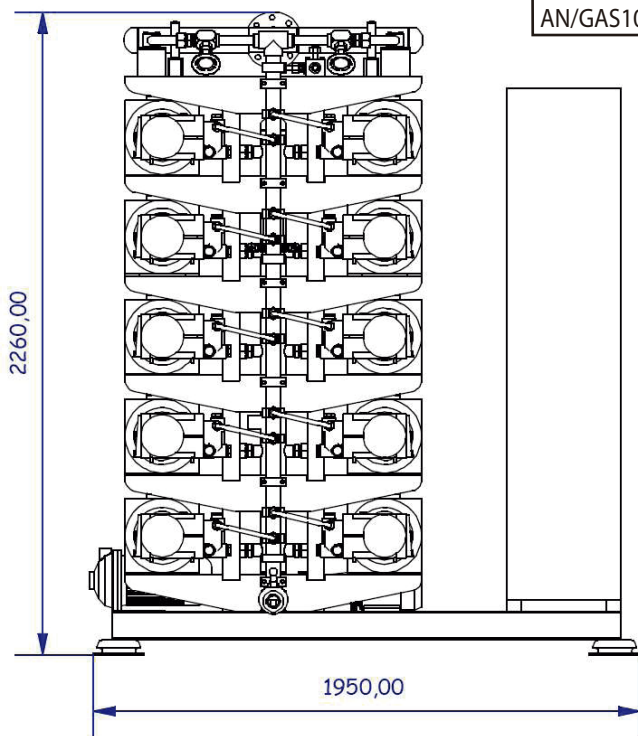
Equipment

The pumping equipment is delivered with:

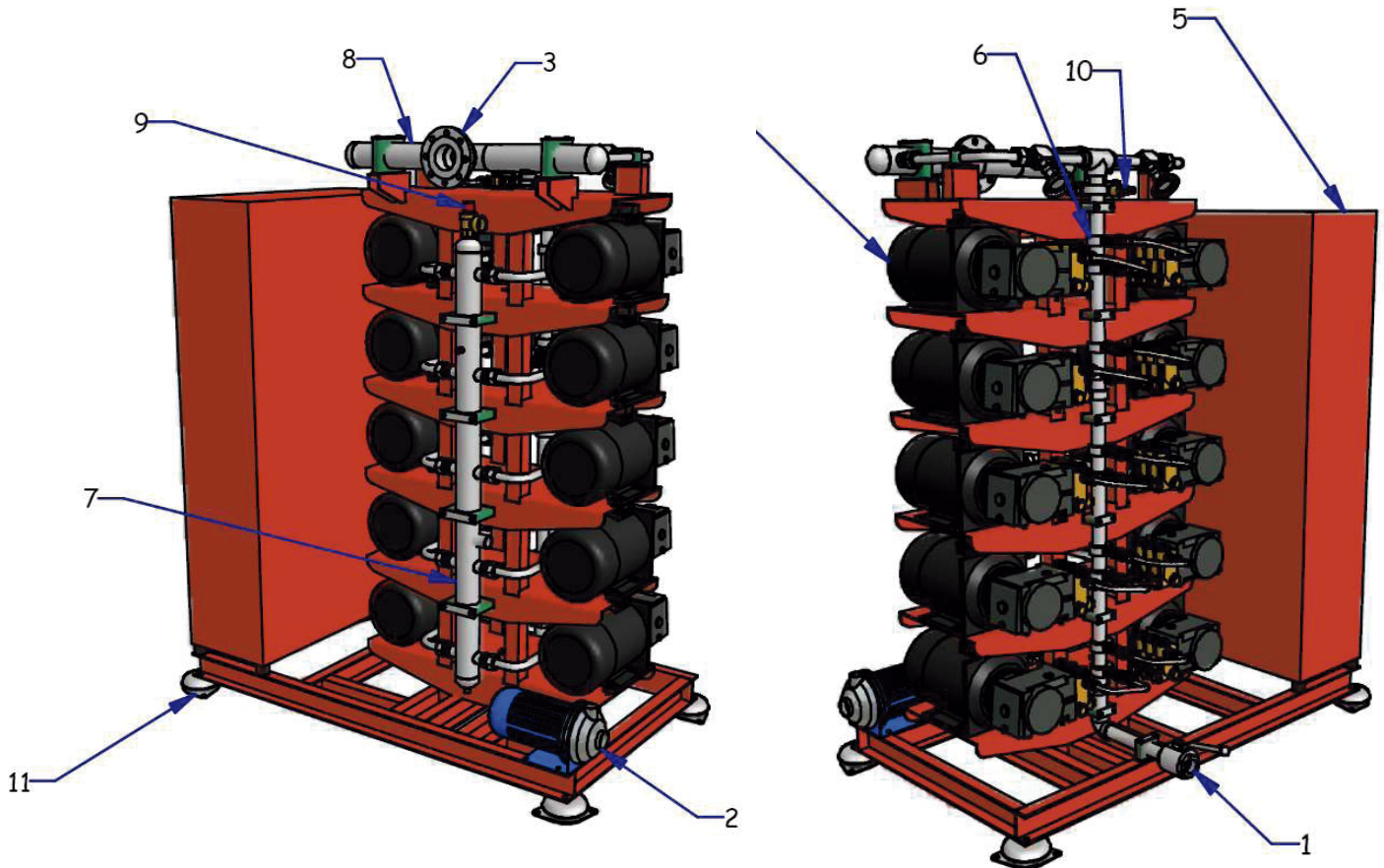
- High pressure flexible hose for delivery, 1 ½ "and 600mm in length. Swivel female connection BSP 11/2 "thread.
- Low pressure suction hose, 2 "and 600mm long. 2 "BSP male thread connection.
- 3 "return manifold with DIN 2633 connection flange.

Dimensions and Consumption

Reference	Total flow (l/min)	C.V. total engines	Total kW of motors	Length (mm)	Width (mm)	Height H (mm)
AN/GAS4-40	160	62	46	1950	1400	1860
AN/GAS5-40	200	77	57	1950	1400	2020
AN/GAS6-40	240	92	68	1950	1400	2020
AN/GAS7-40	280	107	79	1950	1400	2020
AN/GAS8-40	320	122	90	1950	1400	2020
AN/GAS9-40	360	137	101	1950	1400	2280
AN/GAS10-40	400	152	112	1950	1400	2280



Elements



Nº Id	Description
1	Push valve 1 1/2 "Female, with optional position indicator
2	2 "Female feed pump suction
3	Return manifold flange Dn3 "DIN 2632/33
4	40lts x mins pump, 1500rpm 11KW.
5	Control and maneuvering electrical panel
6	1 1/2 "discharge manifold
7	Suction manifold 3 ", with pressure gauge and pressure switch.
8	Return manifold 3 "
9	Low pressure safety valve.
10	High pressure safety and regulation valve.
11	Sinenblock anti-vibration