

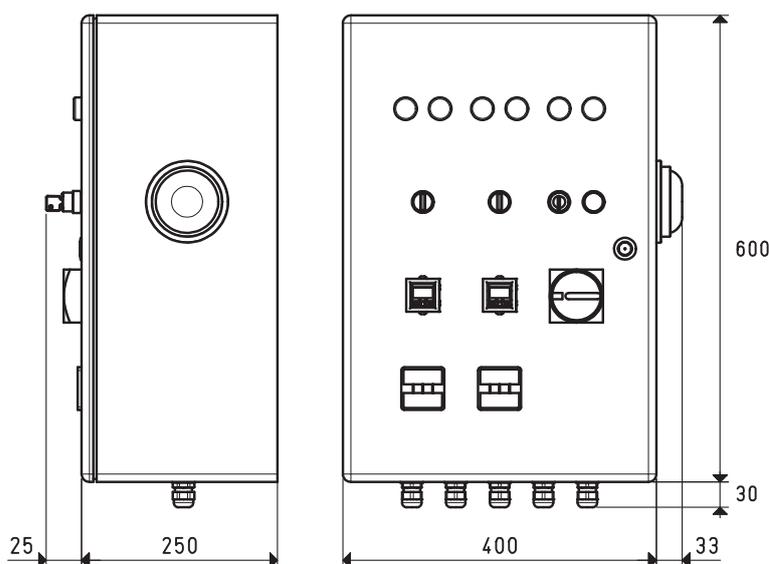
SWITCHGEAR FOR SAFETY PUMP SET WITH 2 PUMPS

The pump set switchgear, is enclosed in a special watertight metal casing and automatically manages two vacuum pumps, each with a power up to 7.5 KW and maintains the level of vacuum in the tank, set with the two easily-programmable digital vacuum switches, suitable for setting and controlling all vacuum functions.

It is equipped with two remote control switches with thermal protection, fuses, a transformer for low voltage auxiliary command power supply, a line switch, a changeover switches for the automatic or manual pump operation, two digital vacuum switches, two hour-counters for measuring the actual pump operation time, an alarm siren with acoustic and lit signalling, a key selector for any necessary exclusion of the siren, test buttons and signalling lamps.

The switchgear is normally provides for the operation of one pump with subsequent automatic insertion of the second one for larger consumptions and when, for whatever reason, the plant level of vacuum goes under the preset value.

The automatic timed inverter precisely alternates priority pump start-up of the services so that they are subjected to equal mechanical wear. The switchboard and remote alarm systems operate when the plant level of vacuum is below the set safety value.



Item	Quantity of pumps No.	Motor performance Volt	Max pump power Kw	Weight Kg
DSO 300 97V	2	3 ~ 230/400-50Hz	7.5 cad.	27

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

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