

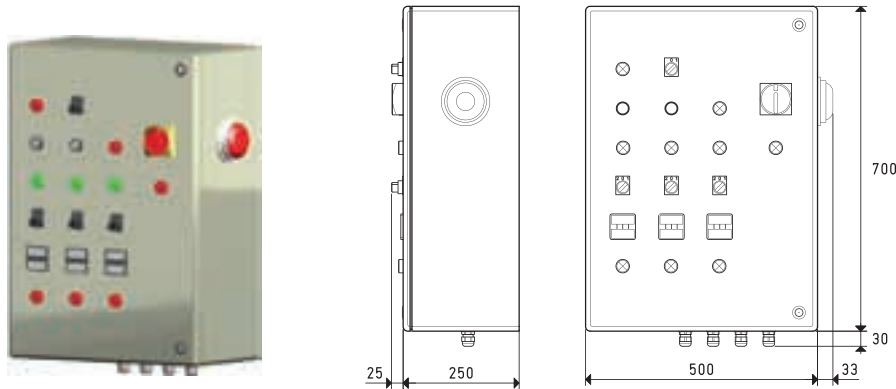
## SWITCHGEAR FOR SAFETY PUMPSETS WITH THREE PUMPS

The safety pumpset switchgear is enclosed in a special watertight metal casing and it manages three vacuum pumps, each with a power up to 3 KW, or from 4 to 7.5 KW and it automatically maintains the vacuum level, set with the vacuum switches, in the tank.

It is equipped with fuses, three remote control switches with thermal protection, a transformer for low voltage auxiliary command power supply, an automatic time-set inverter, electrical connection terminal blocks and, on the control panel, a main switch with door-opening unit, line indicator lights and pump service, three change-over switches for manual or automatic operation, an alarm device with sound and light signal, alarm-test buttons and three hour-counters for measuring the actual pump operation time.

These switchgears normally provide for the operation of one pump, with subsequent automatic insertion of the other two for larger consumptions and when, for whatever reason, the plant vacuum level goes below the preset value.

An automatic time-set inverter, accurately alternates the start-up of the pumps, so that they are both subject to the same mechanical wear. The switchboard and the remote alarm systems start up when the plant vacuum level goes below the set minimum safety level



Art.	Number of pumps n°	Motor execution	Pump max. power	Weight Kg
		Volt	Kw	
DSO 300 95	3	3 ~ 230/400-50Hz	3.0 cad.	29
DSO 300 96	3	3 ~ 230/400-50Hz	7.5 cad.	29

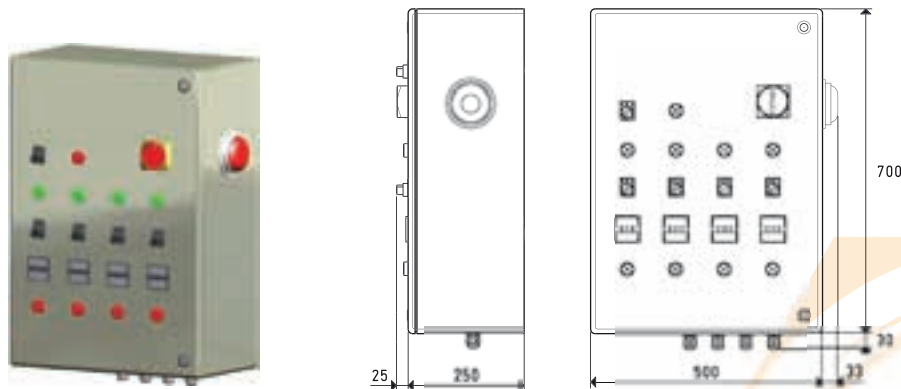
## SWITCHGEAR FOR SAFETY PUMPSETS WITH FOUR PUMPS

The safety pumpset switchgear is enclosed in a special watertight metal casing and it manages four vacuum pumps, each with a power up to 3 KW, or from 4 to 7.5 KW and it automatically maintains the vacuum level, set with the vacuum switches, in the tank.

It is equipped with fuses, four remote control switches with thermal protection, a transformer for low voltage auxiliary command power supply, an automatic time-set inverter, electrical connection terminal blocks and, on the control panel, a main switch with door-opening unit, line indicator lights and pump service, four change-over switches for manual or automatic operation, an alarm device with sound and light signal, alarm-test buttons e four hour-counters for measuring the actual pump operation time.

These switchgears normally provide for the operation of two pumps and the subsequent automatic insertion of the other two for larger consumptions and when, for whatever reason, the plant vacuum level goes below the preset value.

An automatic time-set inverter, accurately alternates the start-up of the pumps, so that they are both subject to the same mechanical wear. The switchboard and the remote alarm systems start up when the plant vacuum level goes below the set minimum safety level.



Art.	Number of pumps n°	Motor execution	Pump max. power	Weight Kg
		Volt	Kw	
DSV 2000 90	4	3 ~ 230/400-50Hz	3.0 cad.	29.5
DSV 2000 91	4	3 ~ 230/400-50Hz	7.5 cad.	29.5