

HORIZONTAL PUMPSETS – GENERAL DESCRIPTION

As a standard, these pumpsets are built with various capacities and they are composed of:

- *A horizontal welded sheet steel tank with perfect vacuum seal.*
- *A rotating vane vacuum pump to be selected according to the required suction capacity and vacuum degree.*
- *A vacuum switch for adjusting the vacuum level within which to operate.*
- *A vacuum gauge for a direct reading of the vacuum level in the tank.*
- *A switchgear enclosed in a special plastic casing for tanks from 25 to 50 litres and in a watertight metal casing for tanks of 100 litres upwards.*
- *A manual valve for vacuum interception.*
- *A cock for condensation drainage.*

The vacuum level, preset via the mini vacuum switch is automatically maintained in the tank. The pump operation can be both continuous or automatic.

Pumpsets are normally used for handling particularly heavy or valuable loads since, in case of electricity failure, they allow the vacuum cups to maintain the grip for a certain amount of time, according to the tank capacity.

These pumpsets are recommended for multi-point applications, to centralise vacuum.

These pumpsets offer many advantages in energy consumption, since the pump operates only when required by the machine.

