

TeamTec Multi Vac Ejectors

TeamTec Multi Vac Units are high capacity water jet vacuum pumps.

The product has no moving parts on its own and it is thus designed for a long maintenance free lifetime.

The **TeamTec Multi Vac Units** contain a certain number of ejector cells working in parallel and the units are available in 2 different models.

The model **29** can be equipped with a maximum number of ejector cells at 29 while the model **16** allow maximum 16 ejector cells to be fitted.

The **TeamTec Multi Vac Units** thus can be fitted with maximum number of cells or less numbers fully depending on the required vacuum pumping capacity and on the available quantity/pressure of driving water.

The **29/29** means model **29** fitted with maximum number of ejector cells.

Type **29/20** means model **29** fitted with **20** ejector cells.

The **TeamTec Multi Vac Units** are made in hot galvanized mild carbon steel and all internal parts being exposed to liquid having higher velocity than 4 m/sec are made in stainless steel – **quality AISI 316 L**.

The units are designed for working with low backpressure at the discharge outlet, max 5mwc.



Application

TeamTec Multi Vac Units are water jet vacuum pumps designed for use onboard dredgers.

Most mud and silt from the seabed and from rivers contain methane gas and this gas must be extracted from the suction line for the dredging centrifugal pump for the pump not to lose suction.

The application for the units is thus extraction of the gas prior to the inlet of the dredging pump to secure a safe and proper function of the pump.

The units are designed for creating vacuum down to 90% and the suction inlet of the units are normally connected to a simple gas separator being fitted in the dredging suction line.

The discharge outlets of the units are led to a closed pit from where the water is led overboard while the gas is vented to the atmosphere at a convenient location.

