

Technical specification

Length	2500mm
Width	1750mm
Height	2125mm
Powered by	Electrical engine/submersible
Power size	Total 12kW*
Highest A-weighted sound level	76dB
Weight (empty)	1.950KG
Weight (filled)	3.800KG
Permissible operation area's	Only outdoors
Load on site floor	≥ 200 kN/m²
Permissible ambient temperatures during operation	0 °C/+40 °C
Permissible used products	Water-Bentonite mixture (fluid) +/- 60sec
Operating pressure	1.5-2.5 bar
Water temperature	0–40 °C
Tank volume	1.8m³
Tank material	Steel
Maximum exit flow rate	500ltr/min *
Connections	
Fresh water inlet	2" BSP female thread
Outlet to mixing/storage system	2" BSP female thread

* Stated power does not include the optional submersible pit pump KTD22 or KTD33.

** Capacity of the first (shale) shaker is based on regular mud viscosity, mud without additives, under 20% solids, correct choice of screen mesh compared to soil/solids in the dirty mud.

** Capacity of the hydro cyclones and (mud cleaner) shaker is based on regular mud viscosity, mud without additives, under 12% solids, correct choice of screen mesh compared to the soil/solids in the dirty mud.

Furthermore the system capacity is the above combined with the maximum underflow of solids in regular recyclable conditions coming from the hydro cyclone bank. This underflow is the result of: correct shale shaker screen mesh type, type of drilling mud, no intervening additives, installed amount of HF hydro cyclones – flow to cyclones required – viscosity - % solids – type of solids – correct pressure.

In general shaker capacities and hydro cyclone capacities will be different than the overall recycling