

INSPIRING TRENCHLESS TECHNOLOGIES



TRACTO-TECHNIK



1000SC SEPARATION MASTER

RECYCLING SYSTEM



COOPERATION PARTNER



SEPARATION MASTER 1000SC

RECYCLING SYSTEM

■ Processing unit for Bentonite drilling fluid

L x W x H (as container setup): 6,00 m x 2,45 m x 2,50 m
Weight of unit: 6.500 kg

- A flow rate of approx. 800 l/min. at a max. solid content of 25 % and a flow time of approx. 60 sec. are realistic.
- With low solid content a flow rate of up to 1,000 l/min. is possible..

The system's capacity depends on the solid content and the viscosity of the drilling fluid to be processed as well as on the screen facings used.

BASIC EQUIPMENT

- 1 piece 20ft container (also possible on container lowering frame) with two-chamber tank system
- a 3-panel double decker screening unit
- **a 280 mm decanter centrifuge**
Type Alfa Laval LYNX 200, built as continuously delivering full mantle centrifuge in 2-Phase version with cylindrical/conical rotor

Technical data:

Drum dimensions: 280 x 980 mm
Max. drum rotational speed: 4.400 rpm
Centrifugal acceleration: 3.030 x g
Max. hydraulic. flow rate: 15 m³/h
Max. solid haulage: approx. 1.500 kg/h (light Mud)
Noise pressure level at 4.400 rpm: approx. 81 dB(A)
Flat cone: 10°
Eccentric spiral pump BN 17

- Control unit with Frequenzumrichter
- Transfer pump inside central chamber
- Submersible motor stirrer: 1 per chamber

Performance data

Recycling system as container setup

| | |
|--|------------------------------------|
| Length [mm] | 6.000 |
| Width [mm] | 2.450 |
| Height[mm] | 2.500 |
| Weight [kg] | 6.500 |
| Max. cleaning performance [l/min.] * | 1000 |
| Cleaning performance at 25 % solid content and a flow time of 60 sec. [l/min.] * | 800 |
| Separating cut [Micron] * | <10 |
| Tank capacity [m ³] | 2 x 5 |
| Power rating | 400 V, 50 Hz, (50 kVA) 1 x 63 A |

* depending on soil conditions

Data subject to change

