

Recycling unit R3E - R5E - R8E



R3E

Unit description :

The R3E is a development special for small range HDD drilling rigs with max. drill pump capacity of **300 lpm**.

The total tank capacity is abt. 1,4 m³.

Unit capacity:

We recommend to use a diesel driven trash pump, where the speed of the pump and so the feed capacity can be regulated. The dirt load of the entry mud determines the discharge capacity.

Shaker :

Marindco single deck shaker unit type 2740 Mini, with linear motion and manual deck adjustment.

Shale shaker 0,7 m² for screens from 5 till 50 #. Mud cleaner 0,7 m² for screens from 100 till 200 #.

The hammer wedge system makes panel screen changes simple and quick.

Hydrocyclones :

2x 3" cone units with 375 lpm at 2,6 bar.

Mud circulation :

Transfer pump to the hydrocyclones .

Pump capacity abt. 375 lpm.

nominal power 3,7 kW

Clean mud transfer :

Automatic submersible transfer pump.

Pump capacity abt. 300 lpm at 1,5 bar

Nominal power 2,2 kW

Unit connections :

Mud inlet from pit : 3"

Clean mud : 2"

Water : 1"

Electric power : CEE32 A / 63 A

Total power installed : 9 kW

Unit:

size LxWxH : 2,4 x 1,5 x 1,6 mtr

Dry weight unit : 1100 kg



R5E

Unit description :

The R5E is a development special for small range HDD drilling rigs with max. drill pump capacity of **500 lpm**.

The total tank capacity is abt. 2,4 m³.

Unit capacity:

We recommend to use a diesel driven trash pump, where the speed of the pump and so the feed capacity can be regulated. The dirt load of the entry mud determines the discharge capacity.

Shaker :

Two Marindco single deck shaker unit type 2740, with linear motion and manual deck adjustment.

Shale shaker 1,5 m² for screens from 5 till 50 mesh. Mud cleaner 1,5 m² for screens from 100 to 200 mesh.

The hammer wedge system makes it easy in changing screen panels.

Hydrocyclones :

4x 3" cone units, total 760 lpm at 2,6 bar.

Mud circulation :

Transfer pump to the hydrocyclones

Pump capacity abt. 760 lpm.

nominal power 7,5 kW

Clean mud transfer :

Automatic submersible transfer pump.

Pump capacity abt. 500 lpm at 1,5 bar

Nominal power 3,7 kW

Unit connections :

Mud inlet from pit : 3"

Clean mud : 3"

Water : 1"

Electric power : CEE32 A / 63 A

Total power installed : 14 kW

Unit:

size LxWxH : 2,4 x 2,5 x 1,8 mtr

Dry weight unit : 1800 kg



R8E

Unit description :

The R8E is a development special for the range HDD drilling rigs with max. drill pump capacity of **800 lpm**.

The total tank capacity is abt. 3,5 m³.

Unit capacity:

We recommend to use a diesel driven trash pump, where the speed of the engine and so the pump capacity can be regulated. The dirt load of the entry mud determines the discharge capacity.

Shaker :

Two Marindco single deck shaker units type 2740 with linear motion and manual deck adjustment.

Shale shaker 1,5 m² for screens from 5 till 50 mesh. Mud cleaner 1,5 m² for screens from 100 till 200 mesh.

The hammer wedge system makes it easy changing the screen panels.

Hydrocyclones :

3x 4" Icone units, total 1150 lpm at 2,6 bar.

Mud circulation :

Transfer pump to the hydrocyclones .

Pump capacity abt. 950 lpm.

Nominal power 11 kW

Clean mud transfer :

Automatic submersible transfer pump.

Pump capacity abt. 800 lpm at 1,5 bar

Nominal power 5,5 kW

Unit connections :

Mud inlet from pit : 3"

Clean mud outlet : 3"

Water : 1"

Electric power : CEE 63 A

Total power installed : 20 kW

Unit:

size LxWxH : 2,4 x 2,5 x 1,8 mtr

Dry weight unit : 2000 kg

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