

# Recycling unit R8E & R15E

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## 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 m<sup>3</sup>.

### 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 m<sup>2</sup> for screens from 5 till 50 mesh. Mud cleaner 1,5 m<sup>2</sup> for screens from 100 till 200 mesh. The hammer wedge system makes it easy changing the panel type screens.

### Hydrocyclones :

3x 4"HF Hydrocyclone units, total 1600 lpm at 2,6 bar.

### Mud circulation :

Transfer pump to the hydrocyclones .

Pump capacity abt. 1600 lpm.

Nominal power 15 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 : Cable

Total power installed : 25 kW

### Unit:

size LxWxH : 350 x 230 x 230 cm

Dry weight unit : 2800 kg



## R15E

### Unit description :

The R15E is a development special for the range HDD drilling rigs with max. drill pump capacity of **1500 lpm**. The total tank capacity is abt. 15 m<sup>3</sup>.

### 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 VFSI with elliptical motion and manual deck adjustment.  
Shale shaker 2,2 m<sup>2</sup> for screens from 5 till 50 mesh. Mud cleaner 2,2 m<sup>2</sup> for screens from 100 till 200 mesh. The hammer wedge system makes it easy changing the panel type screens.

### Hydrocyclones :

8x 4"HF Hydrocyclone units, total 3000 lpm at 2,6 bar.

### Mud circulation :

Transfer pump to the hydrocyclones .

Pump capacity abt. 3000 lpm.

Nominal power 30 kW

### Clean mud transfer :

Automatic submersible transfer pump.

Pump capacity abt. 1500 lpm at 1,2 bar

Nominal power 5,5 kW

### Unit connections :

Mud inlet from pit : 4"

Clean mud outlet : 4"

Water : 1"

Electric power : Cable

Total power installed : 45 kW

### Unit:

size LxWxH : 650 x 250 x 400 cm

Dry weight unit : 8000 kg

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