

R600T RECLAIMER



MAXIMUM TANK CAPACITY. A three-tank unit offers a total capacity of 7729 gal (29,257.4 L). A scalped tank, a middle tank and a clean tank combined with a three stage cleaning process help provide a solution that processes over 1100 gpm (4163.9 L/min), with true cleaning capacity suited for horizontal directional drilling (HDD) projects in the 600 gpm (2271.3 L/min) range.



POWER FLEXIBILITY. Contractors can configure the reclaimer with or without the generator set mounted onboard. The option without the generator set onboard includes electrical cables for efficient connections. Contractors have the flexibility in both configurations, and the option to lease or own the generator set.



ENHANCED SHAKER DECK. Redesigns of the linear motion shaker deck weldment and wedge retention component help reduce weight, increase the available G-force and extend the expected screen life.



STANDARDIZATION. The commonality of the pumps, motors and starters can help reduce parts inventory, adding to the efficiency of the operation.



OPTIMAL RECYCLING PERFORMANCE. Two 10-in (25.4-cm) desanders and 16 5-in (12.7-cm) desilter hydrocyclones remove sand and coarse silts prior to the next stage in the cleaning process, resulting in dry solids.



DESILTER MANIFOLD. The engineered manifold provides an efficient flow of processed drilling fluid exiting the hydrocyclone, which helps reduce turbulence and excessive vacuum for efficient separation of sands and coarse silts.



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GENERAL WEIGHTS AND DIMENSIONS (MACHINE ONLY)

Weight: 53,940 lb (24,466.8 kg)

GVWR: 65,500 lb (29,710.3 kg)

Length: 54.2 ft (16.5 m)

Width: 8.4 ft (2.6 m)

Height: 13.5 ft (4.1 m)

FRAME

Type: Triple axle trailer

Suspension: Air-ride

Axles: 10-bolt, hub-piloted, ABS ready

Certifications: DOT lighting & braking

TANK CAPACITIES

Max capacity (includes overflow): 7,729 gal (29,257 L)

Number of tanks: 3

Scalped tank: 3,016 gal (11,416.8 L)

Desander tank: 1,934 gal (7,320 L)

Clean/Mix tank: 2,779 gal (10,519.7 L)

CIRCUIT DIMENSIONS

Desander pump: Mission Magnum 5x6x14 with 10.8-in (27.4-cm) impeller

Desander motor: WEG 60 hp (44.7 kW)

Desilter pump: Mission Magnum 5x6x14 with 10.8-in (27.4-cm) impeller

Desilter motor: WEG 60 hp (44.7 kW)

Charge/hopper pump: Mission Magnum 5x6x14 with 10.8-in (27.4-cm) impeller

Charge/hopper motor: WEG 60 hp (44.7 kW)

CLEANING SYSTEM

Shaker type: Linear

Number of shakers: 4 (2 motors per shaker)

Shaker bed area - each: 25.8 ft² (2.4 m²)

Number of screens per shaker: three

Screen dimension: 25 in x 49.3 in (63.5 cm x 125.2 cm)

Cleaning capacity (first cut): 600 gpm (2,271.3 L/min)

Desander capacity: 1,000 gpm (3,785.4 L/min) at 40 psi (275.8 kPa) on the manifold

Desander quantity/size: (2) 10-in (25.4-cm) cones

Desilter capacity: 1,136 gpm (4,300.2 L/min) at 40 psi (275.8 kPa) on the manifold

Desilter quantity/size: (16) 5-in (12.7-cm) cones

FEATURES

Agitator system: 3 hp (2.2 kW); 3-phase 60 Hz; 460 volt

Ancillary electrical system: 120 volt circuit for accessory equipment (heaters, tools, etc.)

Working lights: 3 LED - 2,750 lm each

Ancillary diesel engine power jacking legs

Optional wireless remote

Optional pressure washer

Optional canopy

Optional pit pump

COMPANION FEATURES

Genset: 335.3 hp (250 kW); 3-phase 480 volt

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