TR5300 TROMMEL SCREEN





EASE OF MAINTENANCE. The TR5300 features a maintenance access platform for the Deutz TD 2.9L Tier 4 Final (Stage IV), 74 hp (55 kW) engine. With several access doors around the engine compartment, maintenance work on vital machine systems can be completed with minimal effort.



DRUM SERVICE ACCESS. A set of dual-hinged doors on both sides provide convenient access to the full length of the trommel drum from ground level for drum service and removal.



CONVENIENT CONTROL. Operators can control the machine through either the machine display mounted on the control panel, or through a transceiver remote. From either control, the operator can choose from four programmable presets or adjust on the fly based on incoming material.



DRUM DRIVE. A hydraulic-driven chain drive system allows the drum to lift off the cog for service. Bolt-on sprockets can be changed quickly and help lower repair costs. Drum drive intelligently communicates with the infeed system to prevent overfeeding.



PRODUCT VARIETY. Change product sizing more efficiently with the quick-change screen design. Five large bolts adjust a tensioning hook to allow operators to quickly change screen sizes.



GRIZZLY SCREEN OPTION. The optional grizzly attachment can be mounted over the hopper to prescreen large materials and create more consistent overs material.



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GENERAL DIMENSIONS

Max width (transport): 8.2' (2.5 m) Max length (transport): 39' (11.9 m) Max height (transport): 13.4' (4.1 m) Weight: 32,000 lb (14,515 kg)

ENGINE

Make and model: Deutz TD2.9L Tier 4 Final (Stave IV) Engine rating: 74 hp (55 kW) @ 2600 rpm and 181 ft-lb

Fuel tank capacity: 44 gal (166.6 L)

Hydraulic tank capacity: 55 gal (208.2 L)

(245.4 Nm) of torque @ 1600 rpm

HOPPER AND APRON CONVEYOR

Hopper capacity: 6 cu yd (4.6 cu m) Hopper height: 9.5' (2.9 m)

FINES CONVEYOR

Conveyor belt stacking height: 15' (4.6 m) Conveyor belt width: 36" (91.4 cm)

OVERS CONVEYOR

Conveyor belt stacking height: 13.8' max (4.2 m)/ 3' (.91 m) min with drum at 5° Conveyor belt width: 36" (91.5 cm)

SCREEN DRUM

Drum operation: 0-30.9 gpm (0-117.0 L/min) Drum diamter: 5' (1.6 m) Drum length: 15' (4.6 m) Drum speed: 0-24 rpm

OPTIONS

Vermeer Confidence Plus® asset protection program Mag pulley options Reversing fans Grizzly screen Remote

NOTES:

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