

TR6400 TROMMEL SCREEN



ENGINE. The TR6400 features a Deutz 3.6L Tier 4F (Stage IV), 100 hp (75 kW) engine. The engine is mounted on a pivoting frame that swings out 30 degrees for access to fuel filters and hydraulic reservoir for maintenance and service.



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



CONTROL SYSTEM. Operators can control the machine through either the Vermeer DP10 display mounted on the control panel, or through a handheld transceiver remote. From either control, the operator can choose from four programmable presets or adjust on the fly based on the incoming material.



DRUM SERVICE ACCESS. A single-hinged drum door exposes the full-length of the trommel drum from the ground level for drum service and removal. Steps, grab handle and an engine disable switch are provided when entering the end of the drum.



DRUM DRIVE. A hydraulic chain drive system allows the drum to lift off the cog for service. Bolt-on sprockets can be changed quickly and help minimize repair.



BUILT FOR EASE OF MAINTENANCE. The TR6400 has various access points to critical areas which allows the operator to efficiently maintain the machine.

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GENERAL WEIGHTS AND DIMENSIONS

Gross weight: 37,700 lb (16,780 kg)

Hitch weight: 4,200 lb (1,905 kg)

Transport length: 40 ft (12 m)

Transport width: 8'3" (2.5 m)

Transport height: 13'2" (4 m)

Operation length: 54' (16.5 m)

Operation width: 24'7" (7.5 m)

Operation height: 16'8" (5 m)

Capacity (approximately): 180 cu yd (137.6 cu m) per hour with .5" (1.3 cm) screens installed and material with moisture less than 40%

ENGINE

Type: Deutz 3.6L Tier 4F (Stage IV)

Number of cylinders: 4

Engine rating: 100 hp (75 kW)

HOPPER AND APRON CONVEYOR

Hopper capacity: 6.5 cu yd (5 cu m)

Hopper height: 9.5' (2.9 cm) from ground level at operating incline

Apron conveyor rollers: 5" CEMA "D" x 17" (12.7 cm x 43.2 cm)

SCREEN DRUM

Drum diameter: 6.5' (2 m)

Drum length: 20' (6 m)

Max screen panels: 8

FINES CONVEYOR

Conveyor belt width: 36" (91.4 cm)

Conveyor belt type: 220 lb (99.8 kg), 2 ply, 2/16" x 1/16" (4.8 mm x 1.6 mm) smooth

Conveyor belt stacking height: 10.5' (3.2m) (conveyor at 30°)

OVERS CONVEYOR

Conveyor belt size: 42" (106.7 cm)

Conveyor belt type: 220 lb (99.8 kg), 2-ply, 2/16" x 1/16" (4.8 mm x 1.6 mm) cleated

Conveyor belt stacking height: 9' (2.74 m) (conveyor at 25°)

OPTIONS

Vermeer Confidence Plus® asset protection program

NOTES:

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*Prototype shown.

