TR620 TROMMEL SCREEN





THREE-PRODUCT CONFIGURATION. With the flexibility to choose an optional three-conveyor configuration, the TR620 allows you to extract three unique products from the incoming material.



ENGINE. The TR620 features a Cummins QSB 3.31 Tier 4i (Stage IIIB), 120 hp (90kW) engine. The engine is mounted on a pivoting frame that swings out 30 degrees for superior access to fuel filters and hydraulic reservoir for maintenance and service.



TENSIONED SCREENS. With the ability to tension the screen around the drum, operators can add rigidity to the screens. This design allows the use of smaller gauge wire, ultimately increasing the open area of the screen to help improve productivity.



CONTROL SYSTEM. Operators can control the machine through either the Vermeer DP10 display mounted on the control panel, or through a hand-held 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 side panel exposes the full length of the trommel drum from ground level for drum service and removal.



DRUM DRIVE. A hydraulic chain drive system allows the drum to lift off the cog for service. Bolton sprockets can be changed quickly and help lower repair costs.





PROTOTYPE SHOWN

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GENERAL

Weight: 37,440 lb (16,982.5 kg) Weight with third product conveyor: 40,000 lb (18,143.7 kg) Hitch weight: 4205 lb (1907.4 kg) Hitch weight with third product conveyor: 5300 lb (2404 kg) Transport length: 39.5' (12 m) Transport width: 111" (281.9 cm) Transport width with third product conveyor: 9.25' (2.8 m) Transport height: 12.5' (3.8 m) Operation length: 54.2' (16.5 m) Operation width: 274.8" (697.9 cm) Operation width with third product conveyor: 454.8" (1155.2 cm) Operation height: 12' (3.7 m)

ENGINE

Cummins QSB 3.36 Tier 4i Number of cylinders: 4 Engine rating: 120 hp (90 kW) Fuel consumption: 3.1 gph (11.7 L/hr)

HOPPER AND APRON CONVEYOR

Hopper capacity: 6.5 cu yd (5.9 cu m) Hopper height: 9.5' (2.9 m) from ground level at operating incline Apron conveyor rollers: 5" (12.7 cm) CEMA "D" x 17

NOTES:

SCREEN DRUM

Drum diameter: 6.6' (2 m) Max screen panels: 8

REAR FINES CONVEYOR

Conveyor belt width: 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: 8.2' (2.5 m) (conveyor at 25 degrees)

OVERS CONVEYOR

Max variable overs belt speed: 350 ft/min (106.7 m/min)

Conveyor belt size: 48" (121.9 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: 8'-10' (2.4-3 m) (conveyor at 25 degrees)

THIRD PRODUCT CONVEYOR (OPTIONAL)

Conveyor belt width: 30" (76.2 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: 8.2' (2.5 m) (conveyor at 25 degrees)

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