

TR521 TROMMEL SCREEN



QUICK CHANGE SCREENS. Quick change screens can help improve job site efficiency, a particularly important feature when processing a range of materials that requires frequent screen changes.



HIGH PRODUCTION. The tensioned screens around the drum add rigidity, allowing use of smaller-gauge wire — helping increase production capacity and enable processing of wetter material.



STAINLESS STEEL SCREEN OPTION. Stainless steel screens offer increased durability and reduce the amount of screen binding when working wet or corrosive materials.



CONVENIENT LOADING. Large, low feed hoppers are easy to load without the need for loading ramps.



ADVANCED CONTROLS. Operators can control the machine through either the Vermeer DP10 display mounted on the control panel, or through a handheld transceiver remote.



RADIAL STACKING CONVEYOR. Simple stacking conveyor with 180-degree arc increases the amount of material being stacked on the ground. Adjustable stacking height aids with dust control and helps avoid material being blown away.

TR521 TROMMEL SCREEN

GENERAL DIMENSIONS

Max transport length: 46.5' (14.2 m)

Max transport width: 102" (259.1 cm)

Max transport height: 13.1' (4 m)

Max operational length: 86' (26.2 m)

Max operational width: 102" (259.1 cm)

Max operational height: 15.9' (4.8 m)

Weight: 39,700 lb (18,007.6 kg)

Capacity: Approximately 150 cu yd (114.7 m³) per hr with .5" (12.7 mm) screens installed and material with moisture less than 40%

ENGINE

Make and model: Cummins QSB 3.8I Tier 4F (Stage IV)

Engine rating: 120 hp (89.5 kW) @ 2400 rpm, 360 ft-lb (488.1 Nm) of torque @ 1600 rpm

Fuel tank capacity: 73 gal (276.3 L)

Diesel exhaust fluid tank capacity: 5 gal (18.9 L)

HOPPER AND APRON CONVEYOR

Hopper capacity: 5 cu yd (3.82 m³)

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

Apron conveyor rollers: 6" (15.2 cm) diameter, 13 qty

SCREEN DRUM

Drum diameter: 5' (1.5 m)

Max screen panels: 6

FINES CONVEYOR

Conveyor belt width: 36" (91.4 cm)

Conveyor belt stacking height: 14.5' (4.4 m) with drum at 4°

OVERS CONVEYOR

Conveyor belt size: 36" (91.4 cm) wide with raised crescent

Conveyor belt stacking height: 3' x 10' (.9 m x 3 m)

RADIAL STACKING CONVEYOR (OPTIONAL)

Conveyor belt width: 30" (76.2 cm)

Conveyor belt stacking height: 16' (4.9 m)/5' (1.5 m) min with drum at 5°

Rotation: 180°

OPTIONS

Vermeer Confidence Plus® asset protection program

NOTES:
