

TR6450 TROMMEL SCREEN



3-PRODUCT PRODUCTION. The optional third product conveyor allows the single drum TR6450 trommel screen, to produce three unique products in one pass.



TENSIONED SCREEN DRUM. Tensioning the screens allows for maximum strength with a fine wire gauge, optimizing production through improved open area. In high moisture applications, the use of stainless steel screens can be very useful.



JOB SITE FLEXIBILITY. The auxiliary hydraulic system grants the TR6450 trommel screen the ability to run the third fraction conveyor or other attachments.



FULL-FUNCTION REMOTE. The ability to adjust the working trommel screen from the loader is made possible by the standard full-function remote control. The remote allows you to adjust screening functions, raise and lower conveyors, pause the hopper, reverse the engine fan and more.



DRUM DRIVE. The hydraulic-driven chain drive system provides positive drum drive and also allows the drum to lift off of the cog for service and maintenance. The drum drive is monitored so the hopper belt will stop when the drum is reaching capacity, in order to prevent over feeding.



LOW HOPPER HEIGHT. With a hopper height of 9.5 ft (2.9 m), the operator can load material without having to build a ramp to the machine, decreasing loading cycle times.

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GENERAL DIMENSIONS AND WEIGHTS

Weight: 39,000 lb (17,690.1 kg)

Hitch weight: 5,300 lb (2,404 kg)

Transport length: 39.5 ft (12 m)

Transport width: 119.5 in (303 cm)

Transport height: 13.2 ft (4 m)

Operation length: 54.2 ft (16.5 m)

Operation width: 43.3 ft (13.2 m)

Operation height: 16.7 ft (5 m)

Capacity: 180 yd³ (137.6 m³) per hour with .5-in (1.3-cm) screens installed and material with moisture less than 40%

ENGINE OPTION ONE

Make and model: CAT 3.6L Tier 4F (Stage V)

Number of cylinders: 4

Engine rating: 120 hp (90 kW)

HOPPER AND APRON CONVEYOR

Hopper capacity: 6.5 yd³ (5 m³)

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

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

SCREEN DRUM

Drum diameter: 6.5 ft (2 m)

Max screen panels: 8

OVERS CONVEYOR

Conveyor belt width: 42 in (106.7 cm)

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

Conveyor belt stacking height (conveyor at 25 degrees): 10 ft (3 m)

THIRD PRODUCT CONVEYOR

Conveyor belt width: 30 in (76.2 cm)

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

Conveyor belt stacking height (conveyor at 30 degree): 12.5 ft (3.8 m)

REAR FINES CONVEYOR

Conveyor belt width: 36 in (91.4 cm)

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

Conveyor belt stacking height (conveyor at 30 degrees): 10.5 ft (3.2 m)

NOTES:

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