

TR5300EM TROMMEL SCREEN



TENSION SCREEN DESIGN. The tension screen design allows the operator to change screen opening size, wire gauge and type of wire to allow for separating a wide variety of material. Operators can quickly change screen sizes by five large bolts adjusted by the tensioning hook.



ADVANCED CONTROLS. This machine features a live time display remote. Operator can adjust drum speed, hopper feed, conveyor feed and height adjustments via the transceiver remote.



ELECTRIC MOTOR. This machine is powered by an industrial-duty, fully enclosed and fan-cooled electric motor. A single 60-hp (44.7-kW) motor powers the hydraulic pump stack. The electric motor has lower exhaust emissions, jobsite noise and maintenance compared to diesel.



ACCESS TO CRITICAL POINTS. Perform machine maintenance efficiently through ease of access to components such as motor, trommel drum and drum drive.



GRIZZLY SCREEN OPTION. The optional grizzly screen attaches onto the hopper to help prescreen large, unwanted materials before entering the hopper, resulting in a consistent finished material.



TRAILER MOUNTED. Machine is mounted on a trailer to promote ease of mobility to and from the jobsite as well as on the job.

TR53000EM TROMMEL SCREEN

GENERAL

Weight: 32,000 lb (14,515 kg)

Hitch weight: 11,600 lb (5,261 kg)

Transport length: 39 ft (11.9 m)

Transport height: 13.4 ft (4.1 m)

Operation length: 89.9 ft (27.4 m)

Operation width: 9.5 ft (2.9 m)

Operation height: 15 ft (4.6 m)

Capacity: 100 cu yd (76.5 cu m) per hr with .5-in (12.7-cm) screens installed and material with moisture less than 40%

MOTOR OPTION

Make: Siemens

Spec: 480 VAC, 3 PHASE, 60 Hz

Motor rating: 60 hp (44.7 kW), 177 ft-lb (240 Nm) at 1,800 rpm

System voltage: 12 V

AC panel: 75 hp (55.9 kW), 480 VAC, SOFT START

HOPPER AND APRON CONVEYOR

Hopper capacity: 5.5 cu yd (4.2 cu m)

Hopper bottom width: 37 in (94 cm)

Hopper height: 9.5 ft (2.9 m)

Hopper opening: 34-in (86.4-cm) tall x 37-in (94-cm) wide

SCREEN DRUM

Drum operation: 0 gpm - 30.9 gpm (0 L/min - 117 L/min)

Drum diameter: 5 ft (1.5 m)

Drum speed: 0 rpm - 24 rpm

Drum length: 15 ft (4.6 m)

Maximum screen panels: 4

SCREEN BRUSHES

Bristle material: Polyethylene

Brush assembly support: Two 1.3 in (3.3 cm) sealed ball bearings

FINES CONVEYOR

Fines conveyor length: 55 ft (16.8 m)

Conveyor belt width: 36 in (91.4 cm)

Conveyor belt type: 220 lb (99.8 kg), 2 ply, 3/16 in x 1/16 in (.48 cm x .16 cm), R2 splice, continuous belt option

Conveyor belt stacking height: 15 ft (4.7 m)

OVERS CONVEYOR OPTION ONE

Overs conveyor length: 10.5 ft (3.2 m)

Conveyor belt size: 36 in (91.4 cm)

Conveyor belt type: 220 lb (99.8 kg), 2 ply, 3/16 in x 1/16 in (.48 cm x .16 cm), R2 splice, continuous belt option

Conveyor belt stacking height: 7 ft (2.1 m)

OVERS CONVEYOR OPTION TWO

Overs conveyor length: 25 ft (7.6 m)

Conveyor belt size: 36 in (91.4 cm)

Conveyor belt type: 220 lb (99.8 kg), 2 ply, 3/16 in x 1/16 in (.48 cm x .16 cm), R2 splice, continuous belt option

Conveyor belt stacking height: 13.8 ft (4.2 m)

NOTES:

Vermeer Corporation reserves the right to make changes in engineering, design and specifications; add improvements; or discontinue manufacturing at any time without notice or obligation. Equipment shown is for illustrative purposes only and may display optional accessories or components. Please contact your local Vermeer dealer for more information on machine specifications. Vermeer, the Vermeer logo and Equipped to Do More are trademarks of Vermeer Manufacturing Company in the U.S. and/or other countries. Siemens is a copyright of Siemens Ag.

© 2020 Vermeer Corporation. All Rights Reserved.

