

SCREEN MACHINE® 621ST TROMMEL SCREEN PLANT

AMERICAN-MADE INNOVATION SINCE 1966

FULL-SIZE TROMMEL POWER!

- Ultimate Productivity With A 6'x21' Barrel
- Hammermill Shredder Raises & Lowers
- Rapid Change Screen Cloth System



621ST OPERATING SPECIFICATIONS

Height	13'-7"	4.2m
Length	57'-11"	17.7m
Width	24'-10"	7.6m
Total Weight	54,000 lbs.	24,494kg

Rapid change screen cloth system saves hours of downtime when a screen change is required, allowing more production time. No additional drum required

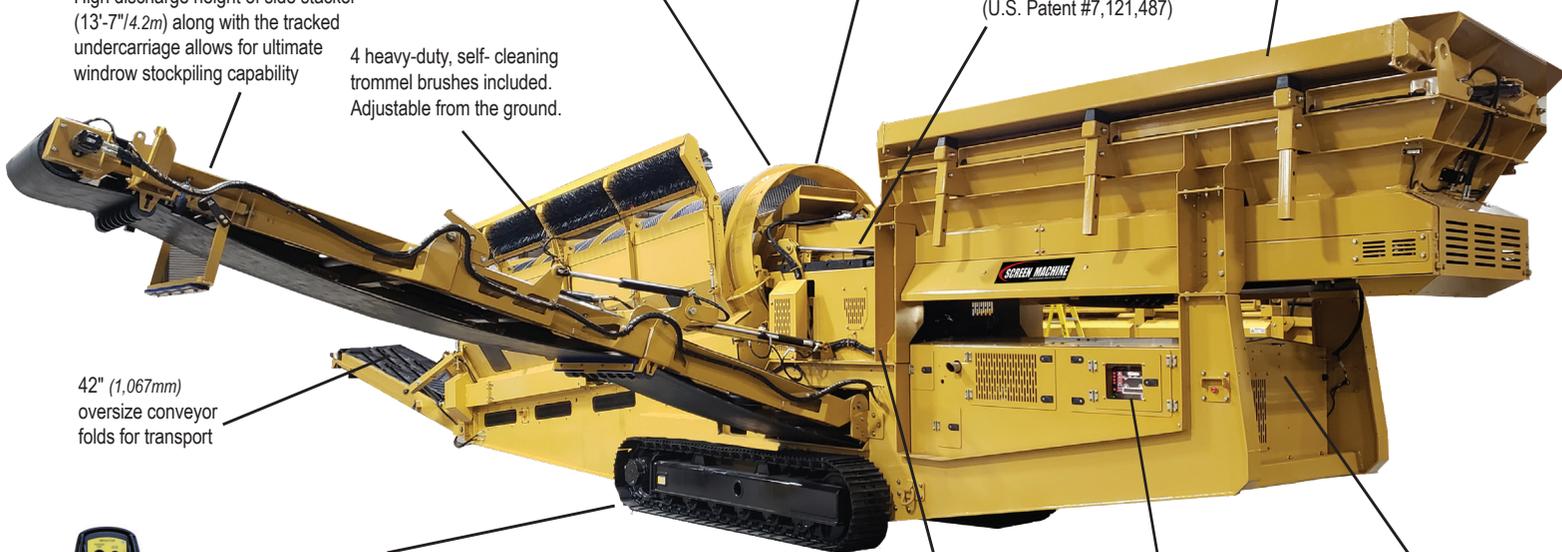
Four-wheel trommel drum drive delivers consistent productivity

Standard remote control tipping grizzly helps pre-sort material before screening

High discharge height of side stacker (13'-7"/4.2m) along with the tracked undercarriage allows for ultimate windrow stockpiling capability

4 heavy-duty, self-cleaning trommel brushes included. Adjustable from the ground.

Hammermill shredder can be raised hydraulically and disabled when not needed (U.S. Patent #7,121,487)



42" (1,067mm) oversize conveyor folds for transport

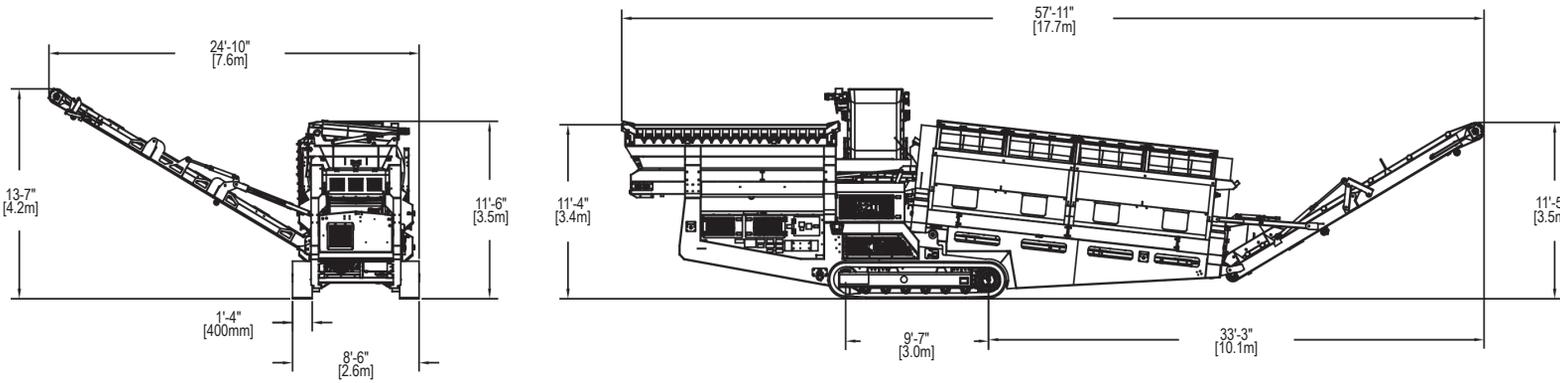


Heavy-duty tracked undercarriage with easy-to-use wireless remote control, for quick and efficient set-up and operation

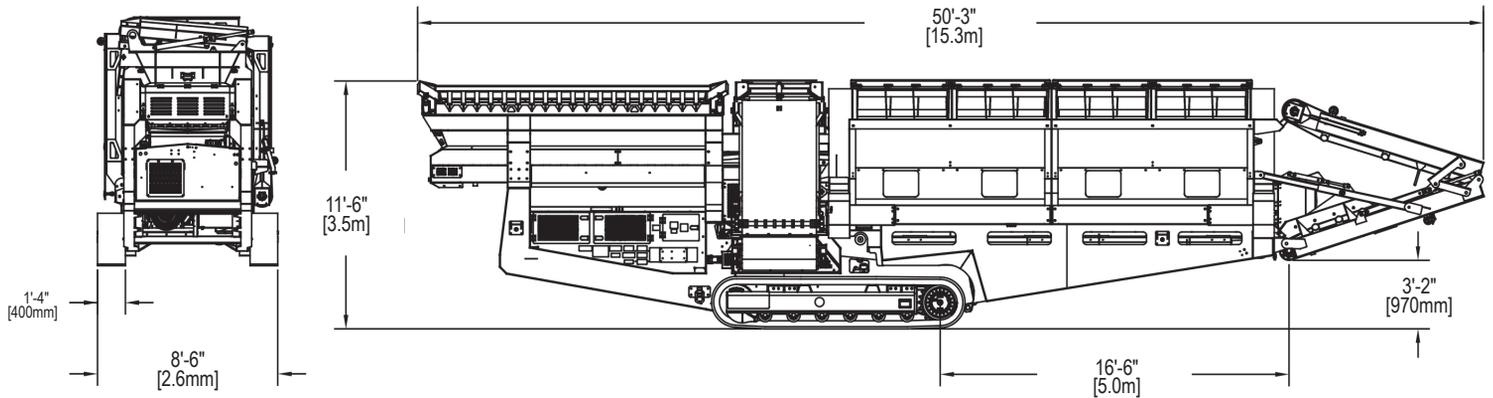
Centralized lubrication — 5 grease points for the entire machine!

Digital control panel monitors all machine activity and informs the operator of any potential issues

CAT® C4.4 110 HP (82kw) Tier IV Final diesel engine



TRANSPORT DIMENSIONS



TROMMEL SCREEN

- 6' x 21' (1.8m x 6.4m) trommel drum
- 340 Sq. Feet (31.6 Sq. Meters) of actual screen cloth
- Cable/hinge lock design (Rapid Change System) allows quick screen replacement. No additional drum purchase required
- 4 self-cleaning brushes, adjustable from the ground, maintain efficient screen processing performance
- Screens included are standard wire cloth 3/8" - 2" (10mm - 50mm)
- Heavy-duty steel drum shell with large triangular tumbling paddles
- Four-wheel trommel drum drive
- Barrel angle adjustable from 0-6°

POWER SYSTEMS and STRUCTURE

- CAT® 110 HP (82kw) Tier IV Final diesel engine
- 80 gallon (302L) fuel tank allows 16+ hours of continuous run-time
- 120 gallon (454L) hydraulic tank with cooler
- Tracked undercarriage with 16" (400mm) shoe width

HOPPER/FEEDER

- 6.5 Cu. Yard hopper (5 Cu. Meter)
- 42" (1,067mm) belt
- Tipping grizzly —removable, adjustable, remote controlled (see above)
- Temporary feeder shut-off on trommel overload

CONVEYOR/BELTS

- Overs belt is 42" (1,067mm) wide, 220 PIW
- Side discharge fines belt is 42" (1,067mm) wide, 220 PIW
- Unders belt is 48" (1,220mm) wide
- Spring-loaded scraper bars
- Four guide rollers per conveyor for belt tracking
- 13-7" (4.2m) discharge height on side conveyor allows direct truck loading

UNIQUE FEATURES

- High-speed hammermill shredder (U.S. Patent #7,121,487) comes standard. Lifts hydraulically out of the way when not in use
- Centralized lubrication — 5 grease points for the entire machine!

Height	Length	Width	Weight	Trommel Size	Trommel Sq Ft	Conveyor Widths	Discharge Heights	Engine	Tracks	Fuel Capacity	Hydraulic Capacity
						Overs	Side	Overs	Side		
13'-7"	57'-11"	24'-10"	54,000lbs	6'-0"x21'-0"	340 sq ft	42"	42"	11'-5"	13'-7"	CAT®	16" wide
4.2m	17.7m	7.6m	24,494kg	1.8m x6.4m	31.6 sq m	1,067mm	1,067mm	3.5m	4.2m	110 HP	400mm
										82kw	80gal
											302L
											454L