

# SCREEN MACHINE® 612T TROMMEL SCREEN PLANT

AMERICAN-MADE INNOVATION SINCE 1966



**BEST IN CLASS TROMMEL!**

- Rapid Change Screen Cloth System
- Windrow Stacking Capability
- Proven Productivity And Dependability



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

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

Heavy-duty, self-cleaning trommel brushes included

Four-wheel/twin-motor driven trommel drum delivers consistent productivity

High discharge height of side stacker (12'-9"/3.9m) along with the tracked undercarriage allows for ultimate windrow stockpiling capability



Yanmar 74 HP (55kw) Tier IV Final diesel engine

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

Optional hammermill shredder available

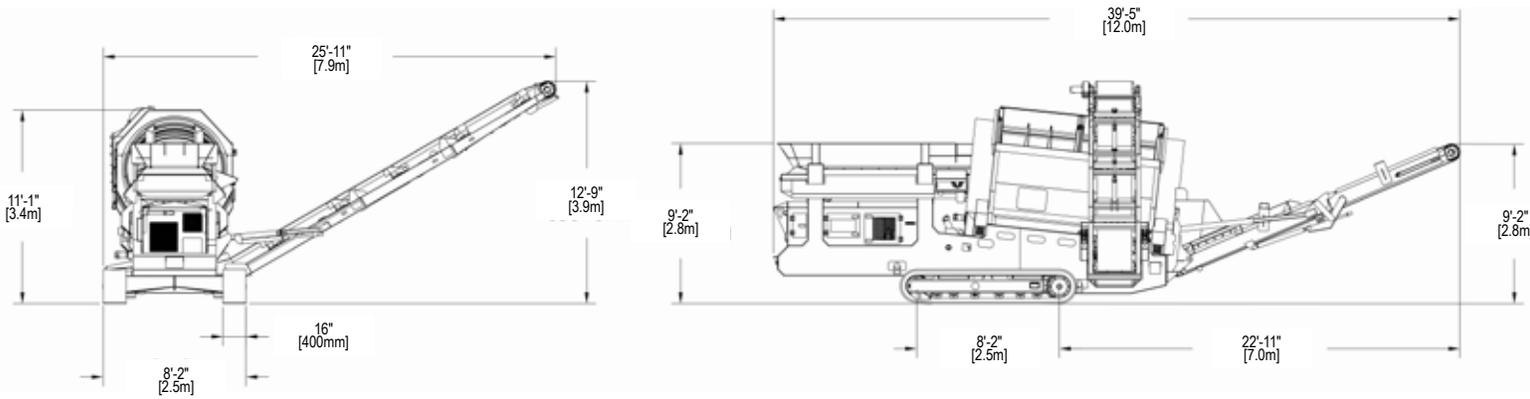
Heavy-duty tracked undercarriage with easy-to-use wireless remote control, for quick and efficient set-up and operation



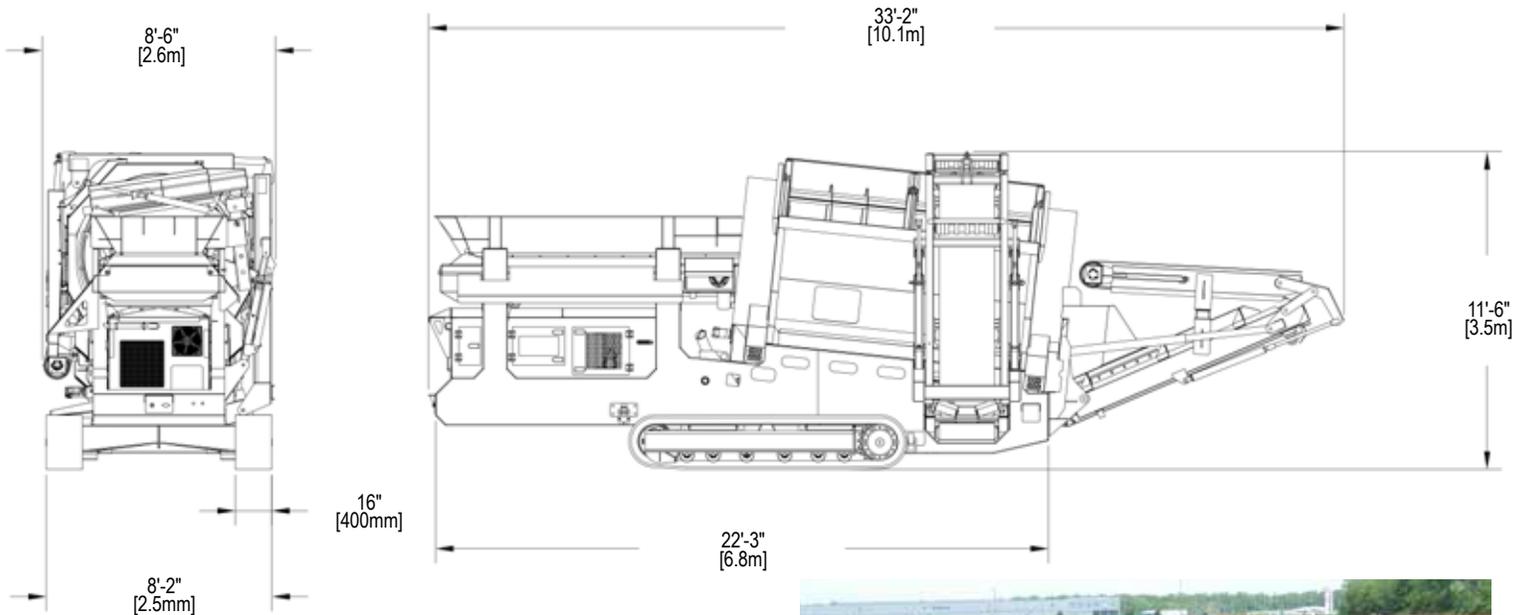
36" (914mm) oversize conveyor folds for transport

## 612T OPERATING SPECIFICATIONS

Height	12'-9"	3.9m
Length	39'-5"	12.0m
Width	25'-11"	7.9m
Total Weight	27,000 lbs.	12,247kg



## TRANSPORT DIMENSIONS



### TROMMEL SCREEN

- 6' x 12' (1.8m x 3.7m) trommel drum
- 160 Sq. Feet (14.9 Sq. Meters) of actual screen cloth
- Cable/hinge lock design (rapid change system) allows quick screen replacement. No additional drum purchase required
- Self-cleaning brushes 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/twin-motor and twin shaft trommel drum drive

### POWER SYSTEMS and STRUCTURE

- Yanmar® 74 HP (55kw) Tier IV Final diesel engine
- 70 gallon (265L) fuel tank allows 16+ hours of continuous run-time
- 75 gallon (284L) hydraulic tank with cooler
- Hydraulic conversion kit included
- Tracked undercarriage with 16" (400mm) shoe width

### HOPPER/FEEDER

- 4.5 Cu. Yard hopper (3.44 Cu. Meter)
- Hydraulically variable speed feed belt
- 5" (127mm) rubber wrap idler
- Temporary feeder shut-off on trommel overload



### CONVEYOR/BELTS

- Overs belt is 36" (914mm) wide, 150 PIW
- Side discharge fines belt is 24" (600mm) wide, 220 PIW
- Spring-loaded scraper bars
- Four guide rollers per conveyor for belt tracking
- 12-9" (3.9m) discharge height on side stacking conveyor accommodates direct truck loading

### OPTIONS

- Hammermill shredder
- Remote tipping grizzly

Height	Length	Width	Weight	Trommel Size	Trommel Sq Ft	Conveyor Widths Overs	Conveyor Widths Side	Discharge Heights Overs	Discharge Heights Side	Engine	Tracks	Fuel Capacity	Hydraulic Capacity
12'-9" 3.9m	39'-5" 12.0m	25'-11" 7.9m	27,000lbs 12,247kg	6'-0"x12'-0" x3.7m	160 sq ft 14.9 sq m	36" 914mm	24" 610mm	9'-2" 2.8m	12'-9" 3.9m	Yanmar 74 HP 55kw	16" wide 400mm	70gal 265L	75gal 284L

# SCREEN MACHINE® 612W TROMMEL SCREEN PLANT

AMERICAN-MADE INNOVATION SINCE 1966



**BEST IN CLASS TROMMEL!**

- Rapid Change Screen Cloth System
- Self-Cleaning Brushes Maintain Workflow
- Proven Productivity And Dependability

**612W OPERATING SPECIFICATIONS**

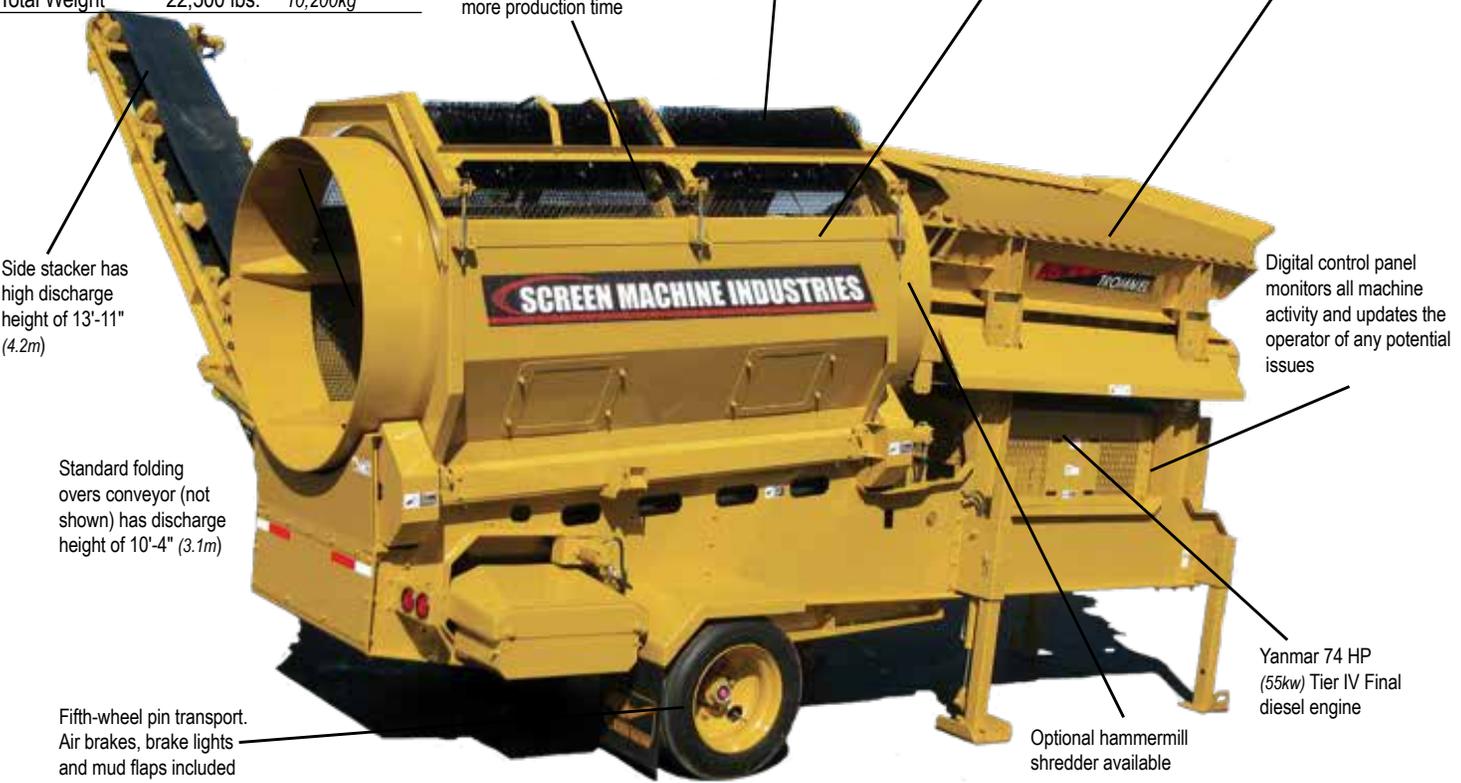
Height	13'-11"	4.2m
Length	39'-5"	12.0m
Width	26'-3"	8.0m
Total Weight	22,500 lbs.	10,200kg

Rapid change screen cloth system saves hours of downtime when a screen change is required, allowing more production time

Heavy-duty, self-cleaning trommel brushes included

Four-wheel/twin-motor driven trommel drum delivers consistent productivity

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



Side stacker has high discharge height of 13'-11" (4.2m)

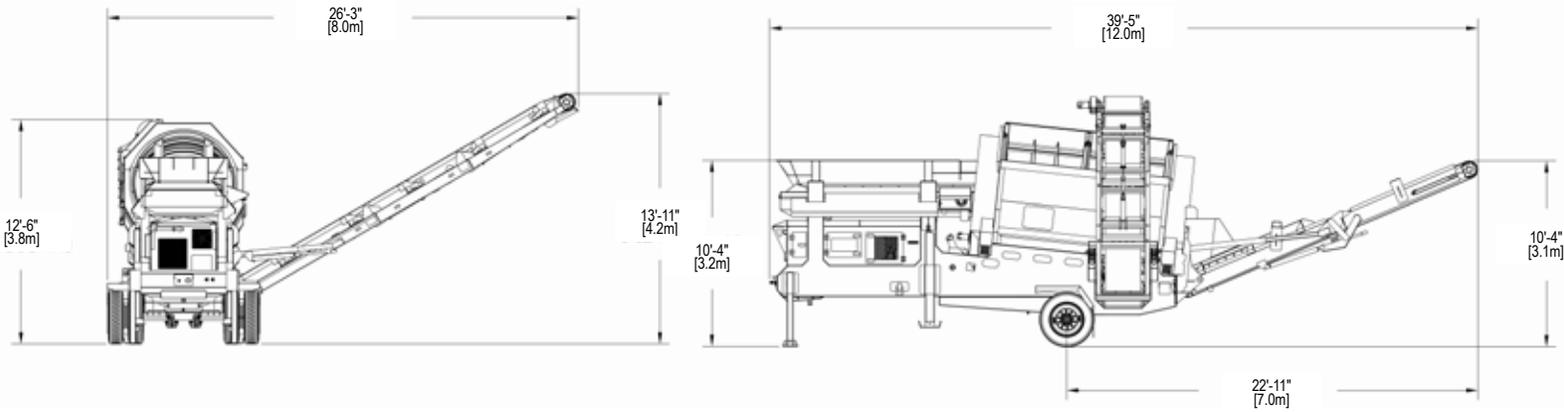
Standard folding overs conveyor (not shown) has discharge height of 10'-4" (3.1m)

Fifth-wheel pin transport. Air brakes, brake lights and mud flaps included

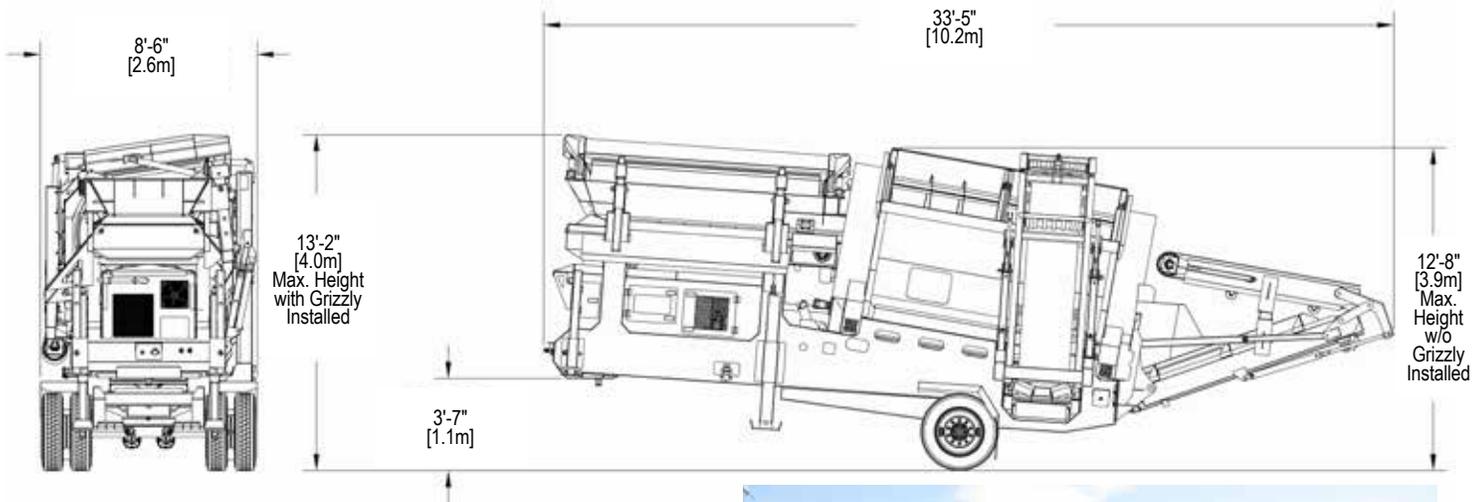
Digital control panel monitors all machine activity and updates the operator of any potential issues

Yanmar 74 HP (55kw) Tier IV Final diesel engine

Optional hammermill shredder available



## TRANSPORT DIMENSIONS



## TROMMEL SCREEN

- 6' x 12' (1.8m x 3.7m) trommel drum
- 160 Sq. Feet (14.9 Sq. Meters) of actual screen cloth
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- Screens included are standard wire cloth 3/8" - 2" (10mm - 50mm)
- Heavy-duty steel drum shell with large triangular tumbling paddles
- Four wheel/twin motor and twin shaft trommel drum drive

## POWER SYSTEMS and STRUCTURE

- Yanmar® 74 HP (55kw) Tier IV Final diesel engine
- 70 gallon (265L) fuel tank allows 16+ hours of continuous run-time
- 75 gallon (284L) hydraulic tank with cooler
- Hydraulic conversion kit included
- 22,000 lb. (9,072kg) axle with air brakes
- Fifth-wheel pin transport
- Brake lights, turn signals and mud flaps included

## HOPPER/FEEDER

- 4.5 Cu. Yard hopper (3.44 Cu. Meter)
- Hydraulically variable speed feed belt
- 5" (127mm) rubber wrap idler
- Temporary feeder shut-off on trommel overload



## CONVEYOR/BELTS

- Overs belt is 36" (914mm) wide, 150 PIW
- Side fines discharge belt is 24" (610mm) wide, 220 PIW
- Spring-loaded scraper bars
- Four guide rollers per conveyor for belt tracking
- 13'-11" (4.2m) discharge height on side stacking conveyor accommodates direct truck loading

## OPTIONS

- Hammermill shredder
- Remote tipping grizzly

Height	Length	Width	Weight	Trommel Size	Trommel Sq Ft	Conveyor Widths Overs	Conveyor Widths Side	Discharge Heights Overs	Discharge Heights Side	Engine	Wheels	Fuel Capacity	Hydraulic Capacity
13'-11" 4.2m	39'-5" 12.0m	26'-3" 8.0m	22,500lbs 10,200kg	6'-0"x12'-0" 1.8m x3.7m	160 sq ft 14.9 sq m	36" 914mm	24" 610mm	10'-4" 3.1m	13'-11" 4.2m	Yanmar 74 HP 55kw	8.25-22.5	70gal 265L	75gal 284L