



## DZT621 TRACKED TROMMEL – FEATURES & BENEFITS

# TABLE OF CONTENTS



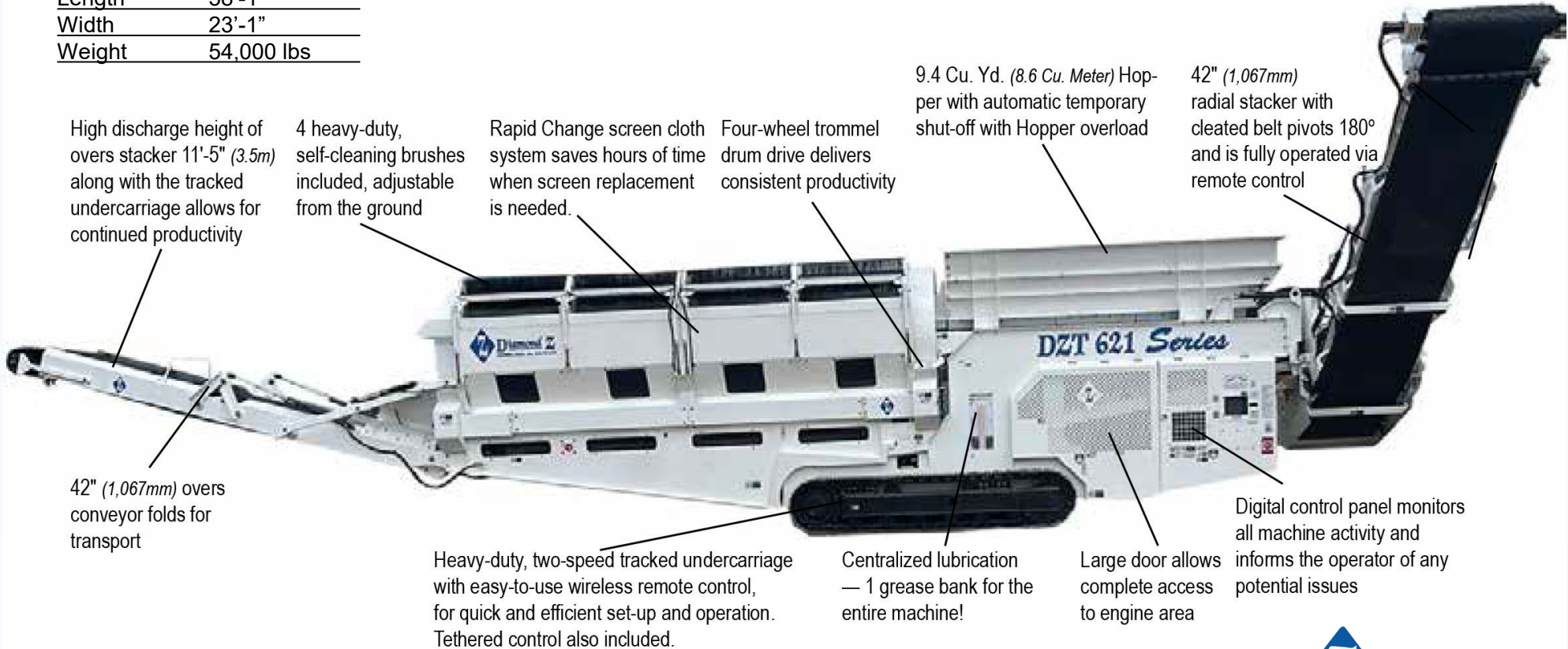
Overview Dimensions	3
Operating Dimensions	4-5
Radial Fines Stacker Dimensions	6
Transport Dimensions	7
Specifications Overview	8
Hopper Overview	9
Drum Overview	10
Unders Conveyor Overview	11
Radial Fines Stacker Overview	12
Control Panel	13



# OVERVIEW DIMENSIONS

## DZT621 OPERATING SPECIFICATIONS

Height	11'-5"
Length	58'-1"
Width	23'-1"
Weight	54,000 lbs



High discharge height of overs stacker 11'-5" (3.5m) along with the tracked undercarriage allows for continued productivity

4 heavy-duty, self-cleaning brushes included, adjustable from the ground

Rapid Change screen cloth system saves hours of time when screen replacement is needed.

Four-wheel trommel drum drive delivers consistent productivity

9.4 Cu. Yd. (8.6 Cu. Meter) Hopper with automatic temporary shut-off with Hopper overload

42" (1,067mm) radial stacker with cleated belt pivots 180° and is fully operated via remote control

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

Heavy-duty, two-speed tracked undercarriage with easy-to-use wireless remote control, for quick and efficient set-up and operation. Tethered control also included.

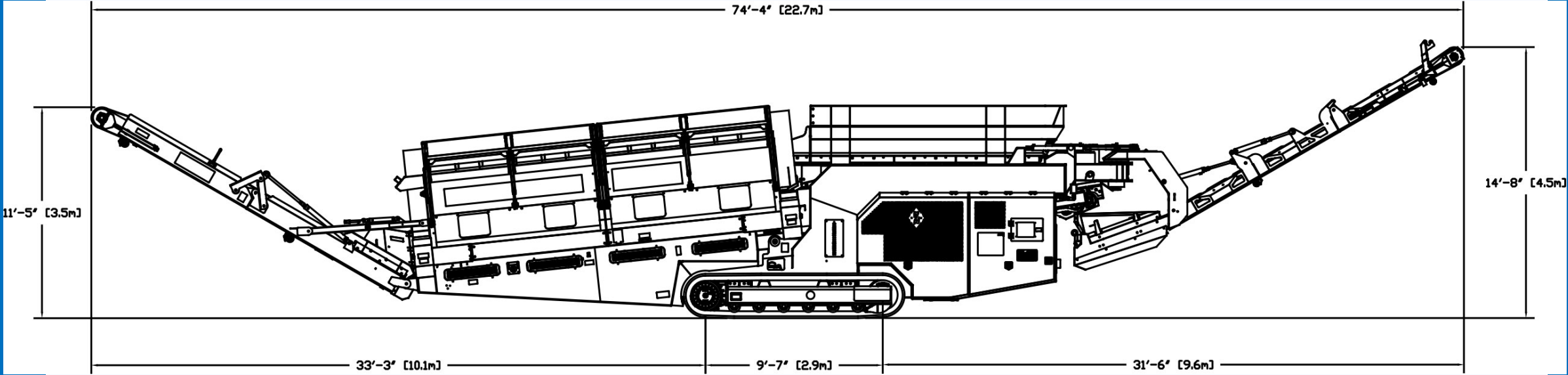
Centralized lubrication — 1 grease bank for the entire machine!

Large door allows complete access to engine area

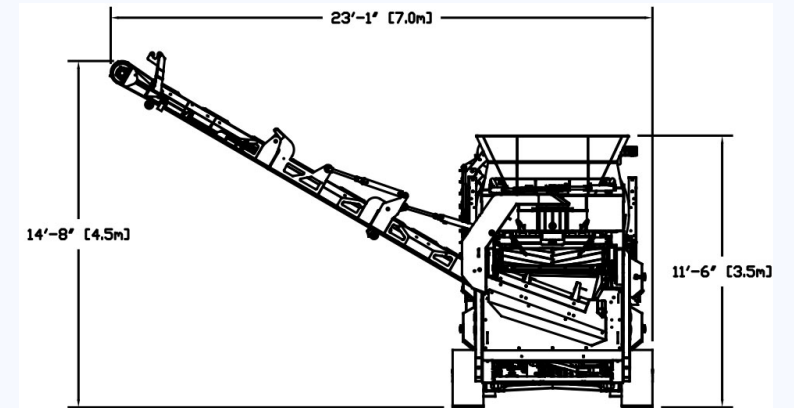
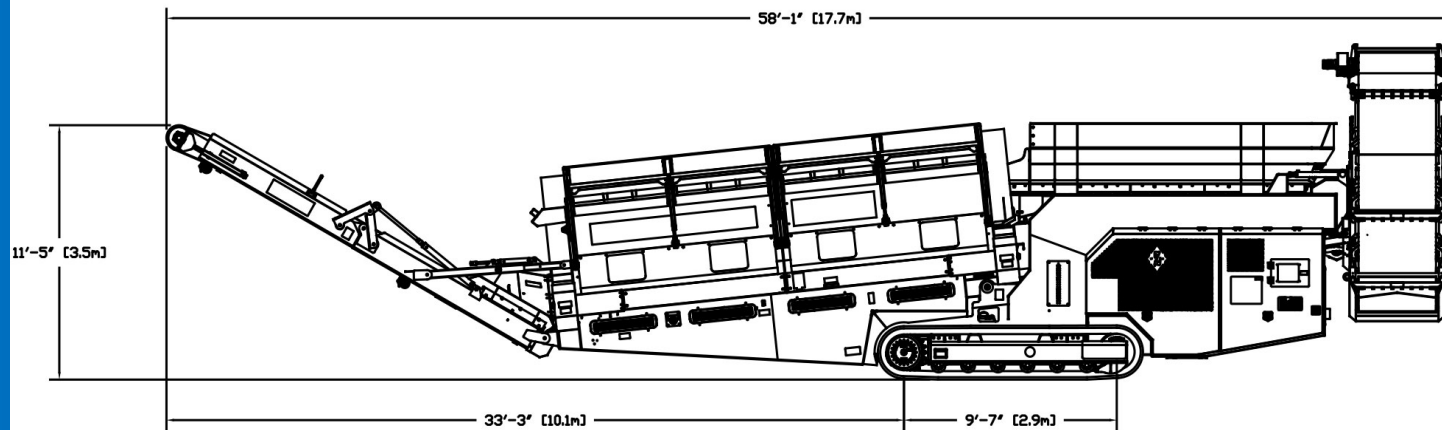
Digital control panel monitors all machine activity and informs the operator of any potential issues



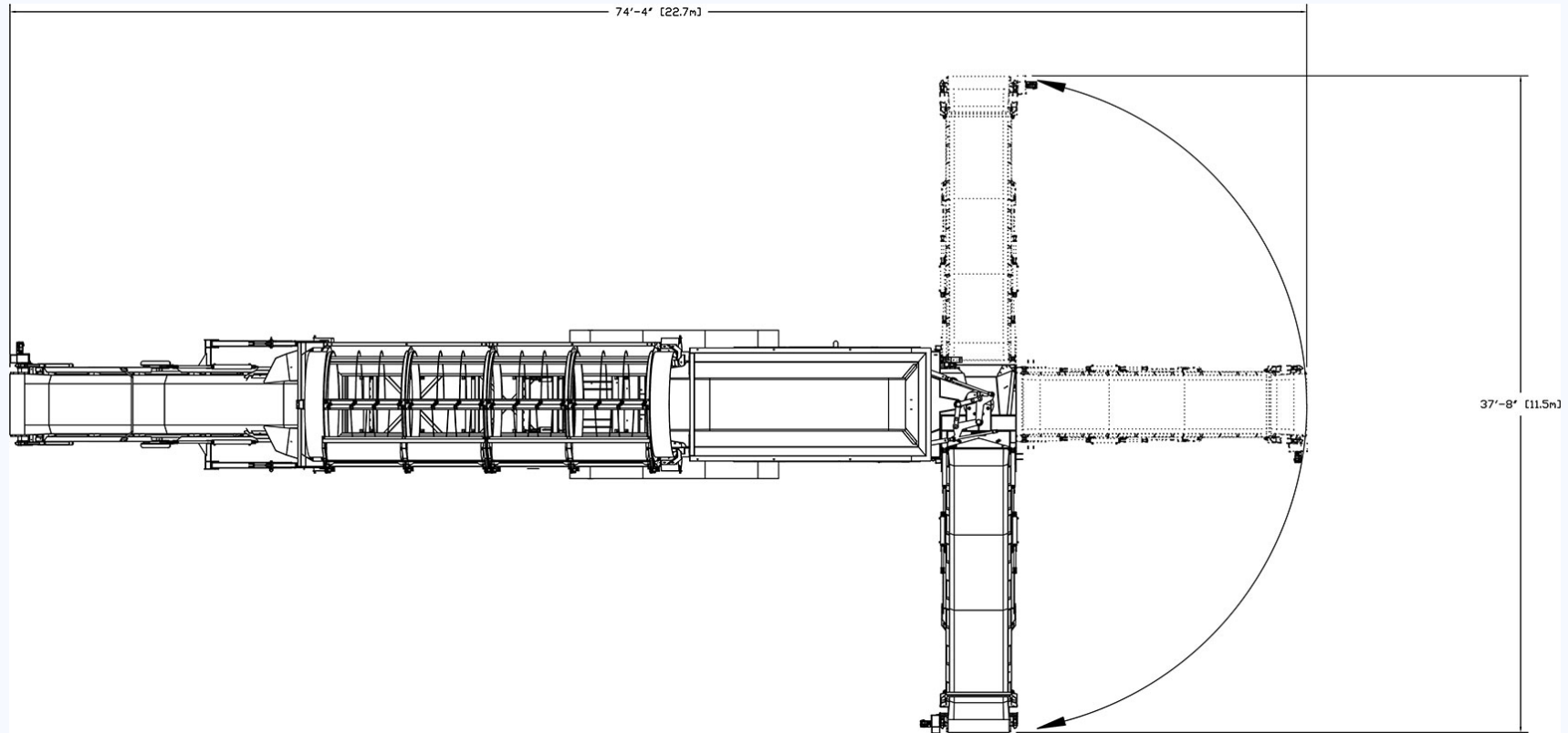
# OPERATING DIMENSIONS



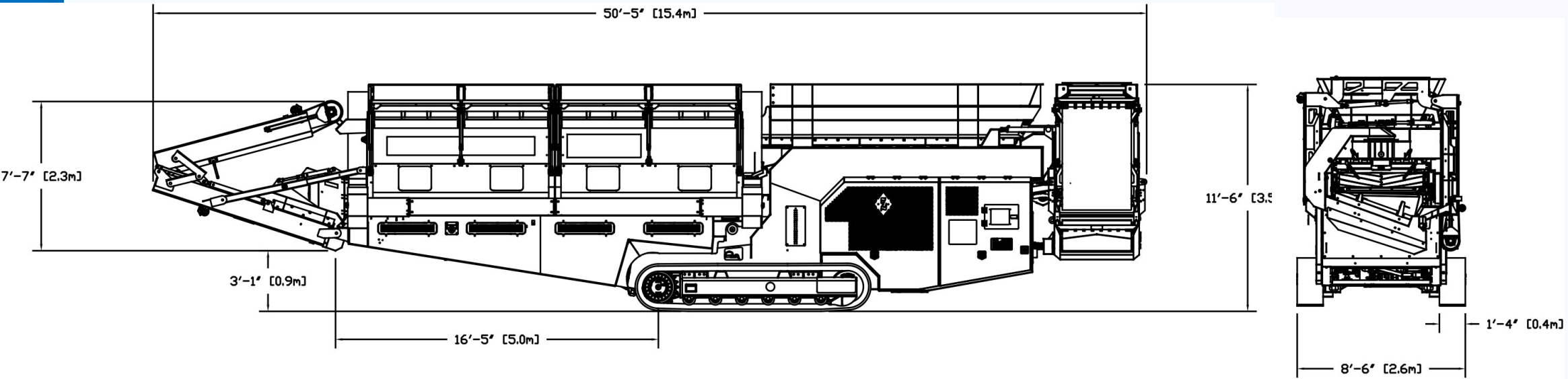
# OPERATING DIMENSIONS



# RADIAL FINES STACKER



# TRANSPORT DIMENSIONS



# SPECIFICATIONS



## DIAMOND Z DZT621 TROMMEL

### 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
- 125 gallon (473L) hydraulic tank with cooler
- Tracked undercarriage with 16" (400mm) shoe width
- Centralized lubrication — 1 central grease bank for the entire machine!

### 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 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°

### CONVEYOR/BELTS

- Cleated overs belt is 42" (1,067mm) wide, 220 PIW
- Cleated stacker/fines belt is 42" (1,067mm) wide, 220 PIW
- Unders belt is 48" (1,220mm) wide
- Feeder belt is 42" (1,067mm) wide
- Spring-loaded scraper bars
- Four guide rollers per conveyor for belt tracking
- 14'-8" (4.4m) discharge height on side conveyor allows direct truck loading



# HOPPER



1. 9.4 Cu. Yd. capacity
2. Feed height = 11'-6"
3. Dimensions: 13'-3" l x 5'-11" w
4. Feeder belt width = 42"
5. Automatic temporary feeder shut-off on overload
6. Remote control reverse function to clear jams



# DRUM



1. Adjustable angle: 0-6°
2. 6'-0" radius, 21'-0" long
3. 340 Sq. Ft. screen cloth area
4. Recommended screen gaps = 3/8"–2"
5. Rapid Change screen system allows for easy screen removal and replacement
6. Heavy-duty lift paddle design inside drum ensures thorough processing
7. Variable speed – 0-35 RPM



# UNDERS CONVEYOR



1. 48" wide unders belt
2. Super-screw splicing



## FINES RADIAL STACKER

1. 42" wide cleated belt
2. 180° pivot for radial stacking
3. Control via remote or manual





## CONTROL SYSTEM

1. Both remote and manual control operation for most functions
2. Equipped with *SmartWatch* telematics technology