



733 RE

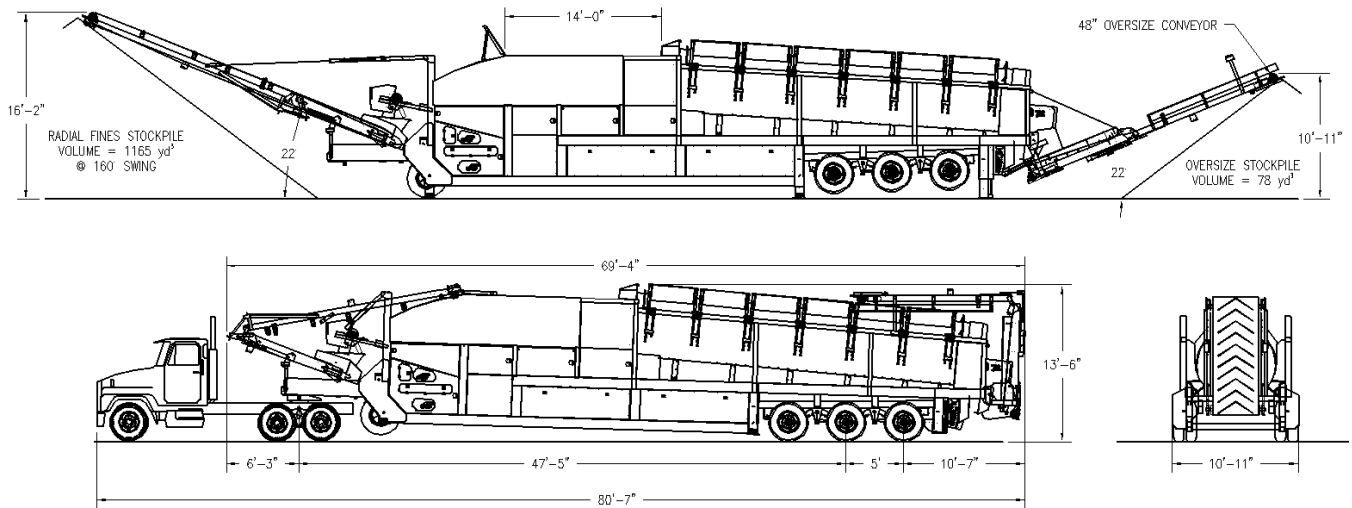
GENERAL MACHINE SPECIFICATIONS

RELEASE: January 2010



733RE model shown

MACHINE DIMENSIONS



733RE model shown

SPECIFICATIONS:

General

- All welded chassis
- 225 HP (130kW) Tier III, C6.6 Caterpillar diesel engine
- Fifth wheel kingpin connection with hydraulic landing gear
- 14'-0" (4.27 m) Feed Hopper 9 yd³ (6.9 m³) with 48" (1219 mm) wide feeder belt with 12'-5" (3.66 m) load height
- 7' diameter x 33' long rotary trommel containing 6 standard width screen panels
- 54" (1372 mm) wide fines discharge conveyor feeding 48" (1219 mm) wide 180° radial stockpiling conveyor
- Gross weight 80,820 lb (36,660 kg)
- 320 gallon (1211 litre) fuel tank supplies plenty of operating time between refueling.
- 273 gallon (1033 litre) hydraulic tank is installed to feed the hydraulic pump, which is directly coupled to the diesel engine.

Chassis

- Rectangular hollow structural steel with all welded construction
- Air brake axles

Feeder

- 14'-0" (4.27 m) long, 9 yd³ (6.9 m³) capacity, 3/8" plate Feed Hopper welded directly to the chassis
- Variable speed hydraulic driven gearbox with chain driven 16" (406mm) lagged head pulley
- 48" (1219 mm) wide vulcanized belt supported by closely spaced steel rollers
- 16" (406 mm) barefaced tail pulley complete with scraper and manual screw take-up adjustment

Fines Conveyor

- 54" (1372 mm) wide vulcanized belt supported by closely spaced picking idlers
- 12" (305 mm) lagged drive pulley driven by a close-coupled hydraulic motor with tensioned scraper
- 12" (305 mm) barefaced tail pulley complete with scraper, V-plow, and manual screw take-up adjustment
- Self-cleaning rubber disc return idlers

Radial Fines Conveyor

- 48" (1219 mm) wide vulcanized belt supported by standard equal length idlers
- 10" (254 mm) lagged drive pulley driven by a close-coupled hydraulic motor with tensioned scraper
- 10" (254 mm) barefaced tail pulley complete with scraper, V-plow, and manual screw take-up adjustment
- Self-cleaning rubber disc return idlers
- Full remote control of 180° radial stockpiling and raise/lower and fold/unfold operations

Oversize Conveyor

- 48" (1219 mm) wide vulcanized chevron belt supported by standard equal length idlers and plastic-lined steel impact bed
- 10" (254 mm) lagged drive pulley driven by a close-coupled hydraulic motor
- 10" (254 mm) barefaced tail pulley complete with scraper, V-plow, and manual screw take-up adjustment
- Belt cleaning beater roller
- Self-cleaning rubber disc return idlers

Trommel Screen

- 7' (2.13 m) diameter x 33' (10.06 m) long trommel drum containing six structural longitudinal tubes to provide aggressive screening action.
- High strength crimped and inter-woven screen cloth of generous gauge and required clear opening is installed. The screen cloth is bolted and clamped to the outside of the drum framework.
- Ground adjustable free rotating nylon brushes are mounted in close proximity to the drum and engage the outside of the drum face and cloth area for cleaning purposes.
- Variable speed hydraulic drive powers the trommel drum through a heavy duty chain & sprocket. The Trommel is supported by 4 steel carrier wheels with 1 vertical roller providing thrust support for the drum.
- A fully enclosed, flashed chute embraces the lower half of the trommel and directs the fines materials on to the fines conveyor. This chute has an inclined surface with liner to reduce material build-up.

Options

- Auto Reversing Fan
- Double Brushes
- Auxiliary Hydraulic Circuit
- Punch Plate Screens
- Spare Drum

All specifications listed are current as of this printing but are subject to change.