

# Technical description RM MTS2010S



## Track mobile stacker MTS2010S

### General:

The mobile tracked stacker MTS 2010S has been developed to pile up material easily and efficiently. Thanks to the stacker a wheeled loader, which compresses the material, is not necessary and reduces production costs.

## USP's:

- Throughput up to 300 t/h
- Long operation due to a large fuel tank (190 L)
- Integrates smoothly into your processing layout due to a height adjustable feed hopper
- Large feed hopper for an easy material feeding
- Easy accessibility to the engine compartment facilitates maintenance work
- Fast start up for more flexibility in your daily work
- Low diesel consumption gives lower operating costs
- Hydraulic folding conveyor belt makes transportation easy
- High mobility due to a crawler gear
- Easy to operate – one-man show
- Conveyor belt 19,8 m (65') long and 1 m (40") wide discharges material up to 9,1 m (27.2')
- Fast amortization compared to a wheeled loader due to low operation and maintenance costs
- Material is not compressed by crawler- and/or wheeled equipment

## Feed material:

Bulk material such as rubble, concrete, asphalt, brick, natural stone, coal, cereal, wood chips, etc. up to 100 mm (4")

## DESCRIPTION:

Heavy Duty tracked stacker with following key features:

- Caterpillar 2.2 Stage IIIA – 44kW
- Optional: Deutz TD2.9L4 Tier 4F/ Stage 4F – 50 kW
- Optional: Deutz TD2.9 Stage 5 – 50 kW
- Hydraulic oil cooler fitted as standard. (thermostatically controlled)
- 19,8 m (65') long conveyor
- 1000 mm (40") wide belt
- Hydraulically adjustable tail and head section heights
- Cable remote control
- Impact bed in the infeed area
- Feed boot 5 mm steel liners
- Extended feed boot (**2 m3 Volume**)
- 60° troughing rollers
- SCS head scraper

## DIMENSIONS AND WEIGHT:

Length – Transport:	12.252 mm (40' - 2")
Length – Work:	18.990 mm (62' -3") (@ 25°)
Width – Transport:	2.240 mm (7' - 4")
Width – Work:	2.240 mm (7' - 4")
Height – Transport:	2.630 mm (8' - 7")
Height – Work:	9.130 mm (29' - 11") (@ 25°)
Weight (est.):	13,000 Kg (28,660 lbs)

## CAPACITIES:

Diesel Tank	190 L
Hydraulic Tank	290 L

**CONVEYOR SPECS:**

Belt width:	1000 mm (40")
Belt Spec:	Plain 1000 EP500/3 Ply
Stockpile Height:	up to 9100 mm (29' 10")
Maximum Angle:	25°
Motors:	Eaton Motors 630ccm hydraulic motor
Belt Speed:	2.6 m/sec

**POWER UNIT & HYDRAULICS:**

Engine:	Caterpillar 2.2 Stage IIIA – 44kW Optional: Deutz TD2.9L4 Tier 4F/ Stage 4F – 50kW Optional: Deutz TD2.9 Stage 5 – 50kW
Engine Speed:	2200 Rpm

**TRACKS:**

Width:	400 mm (15.7")
Length:	3000 mm (9' - 10")
Height:	575 mm (26.6")
Speed max:	1.12 Km/h (0.7 MPH)
Gradeability:	26.5°
Max Slope side to side:	5°
Attachment to Chassis:	Bolt On

## **ELECTRICS:**

Emergency Stops: 2 @ power unit LH & RH side  
Start siren: YES – 10 second delay

Engine shutdowns: Low oil pressure, high engine temp, air filter blockage,  
fuel contamination, low hydraulic tank oil level

Cable remote control: YES, Plug @ power unit

Flashing beacon & siren: YES, (When moving)

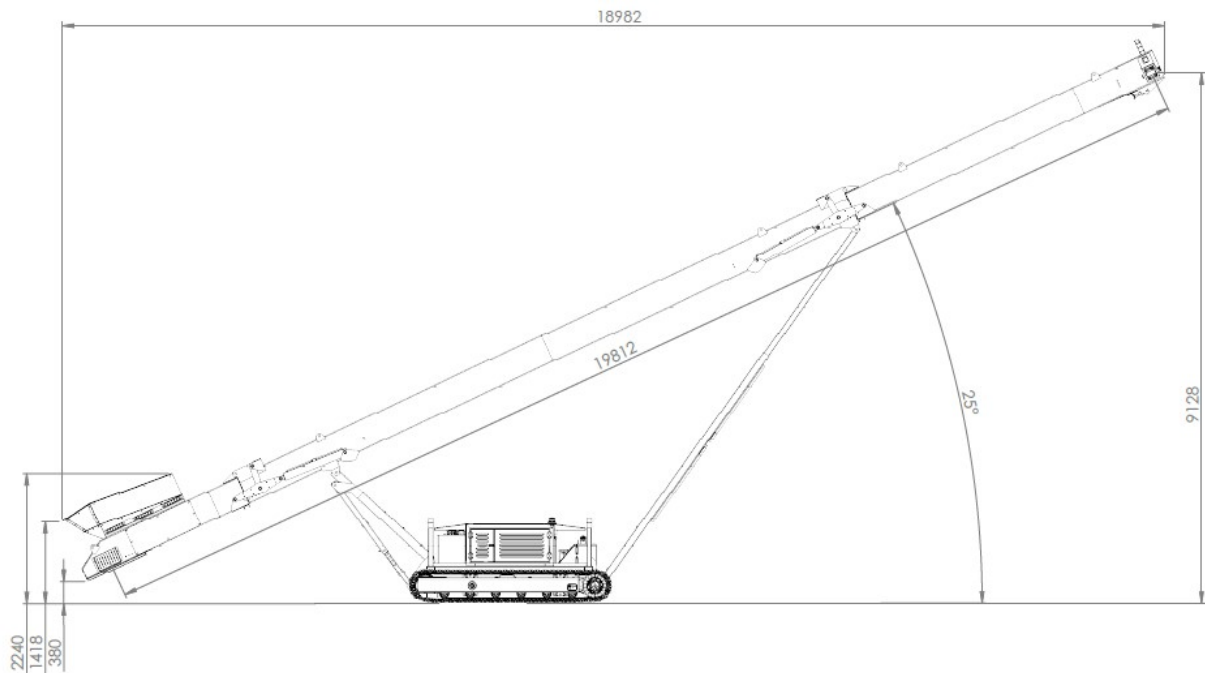
## **SAFETY FEATURES:**

- External belt alignment points.
- Full safety guarding for nip points.
- CE Compliance.

## **OPTIONS:**

- Radio remote control for tracks
- Chevron belt
- Dual Power electric / diesel 480V 60Hz or 400V 50Hz , control voltage 24V DC
- Anti-roll backs

## Working dimensions:



## Transport dimensions:

