

# Technical description RM MTS2412S



## Track mobile stacker RM MTS2412S

### General:

The mobile tracked stacker RM MTS2412S has been developed to pile up material easily and efficient. Thanks to the stacker a wheeled loader, which compresses the material, is not necessary and reduces production costs.

## USP's:

- Performance up to 400 t/h
- Long operation due to a large fuel tank (250 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 startup 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 22,87 m (75') long and 1,2 m (48") width discharges material at a height up to 10 m (32').
- 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 – 50kW
- Optional: Deutz TD2.9 Stage 5 – 50kW
- Hydraulic oil cooler fitted as standard. (thermostatically controlled)
- 22,87m (75') long conveyor.
- 1200 mm (47") wide belt.
- Hydraulically adjustable feed boot and head section heights.
- Hydraulic oil cooler fitted as standard. (thermostatically controlled)
- Continuously variable hydraulically adjustable tail and head section heights (*no pins and bolts*)
- Cable remote control & storage box
- Impact bed in the infeed area
- Feed boot 5 mm steel liners **Volume 2,25 m<sup>3</sup>**
- 60° troughing rollers
- SCS head scraper
- Fits into a 40' high cube container
- Flow control valve for variable belt speed

**DIMENSIONS AND WEIGHT:**

Length – Transport:	12.036 mm (39' - 5")
Length – Work:	21.812 mm (71' - 6")
Width – Transport:	2.350 mm (7' - 8")
Width – Work:	2.350 mm (7' - 8")
Height – Transport:	2.591 mm (8' - 6")
Height – Work:	10.064 mm (33' - 1") at 22, 5°
Weight (est.):	approx. 15.000 kg

**CAPACITIES:**

Diesel tank capacity:	250 L
Hydraulic tank capacity:	375 L

**CONVEYOR SPECS:**

Belt width:	1200 mm (48")
Belt spec:	Plain EP400/3 Ply
Stockpile height:	10.064 mm (33') at 22, 5°
Maximum angle:	27, 5°
Motors:	Dual Eaton OMV 400's
Belt Speed:	2.6 m/sec

**POWER UNIT & HYDRAULICS:**

Engine:	Caterpillar 2.2 Stage IIIA – 44kW Optional: Deutz TD2.9L4 Tier 4F – 50kW Optional: Deutz TD2.9 Stage 5 – 50kW
Engine speed:	2800 rpm

**TRACKS:**

Width:	400mm (15.7")
Length:	2908mm
Height:	599mm
Speed max:	2.8 km/h
Gradeability:	18°
Max slope side to side:	10°
Attachment to chassis:	Bolt On

**ELECTRICS:**

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

<b>Engine shutdowns:</b>	Low oil pressure, high engine temp, air filter blockage, fuel contamination, low hydraulic tank oil level
Radio remote control:	OPTIONAL
Cable remote control:	YES, Plug @ power unit
Flashing beacon & siren:	YES, (When moving)

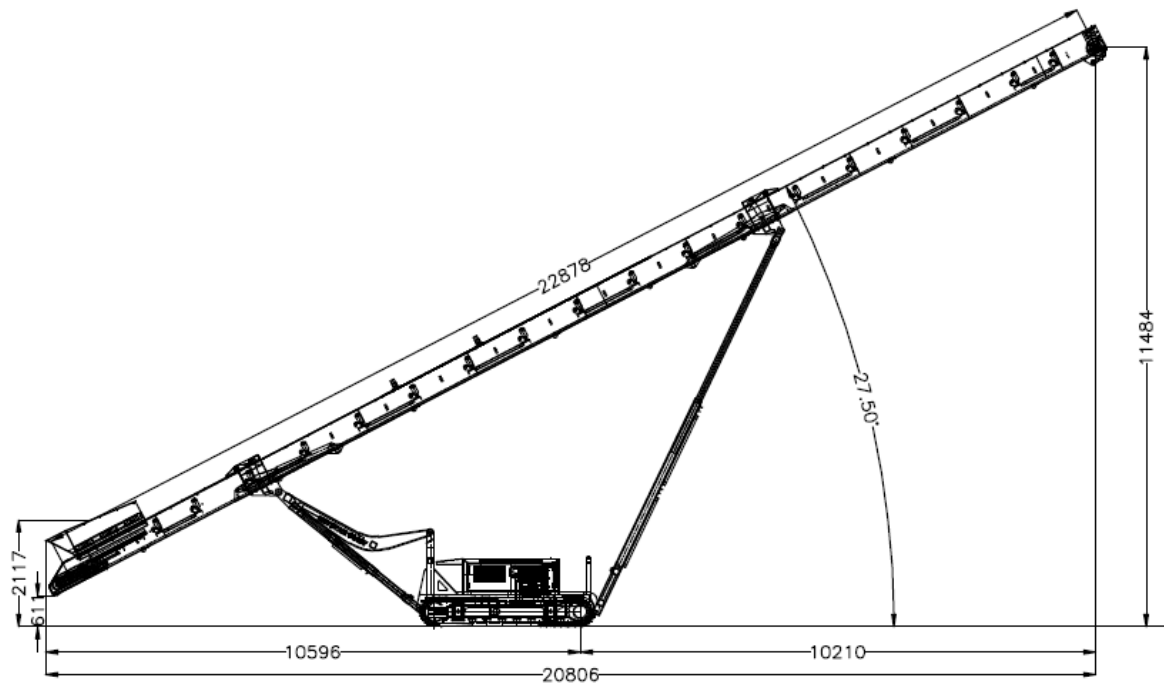
**SAFETY FEATURES:**

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

**OPTIONS:**

- Radio remote control for tracks
- Extended feedboot
- Chevron belt
- Dual Power electric/ diesel 480V 60Hz or 400V 50Hz , control voltage 24V DC
- Anti-roll backs 3 pieces per machine

## Working dimensions:



## Transport dimensions:

