



# **MT13 R** Sales Profile

Revision 0  
10.07.2025



# Overview MT13 R



The MT13R is a large capacity track mobile screener. Specially designed for Quarry and Mining applications. The GIPO-Roller grizzly is specially designed for sticky applications or excavation materials. The Apron feeder and the two-stage Roller grizzlie's can handle big and bulky input material with ease. Different Roller settings and conveyor options underneath can provide a different production of up to 3 final products.

- High-capacity screening potential up to 600mtph
- Ideal for pre-screening in combination with Jaw or Impact crusher
- Full hydraulic drive system
- Simple and reliable hydraulics & electrics
- Exceptionally robust and durable
- Up to 3 screened end products
- MAGNA Telemetry reporting



# Overview

## Walkways

- Coloured catwalks and ladders
- Good accessibility
- No folding for transport needed

## Roller Grizzly's

- GIPO MT13 R
- 100% Swiss production high quality steel
- Exceptionally robust and reliable
- Hydrostatic drive
- 8-8 Rollers std (optional 10-10, 10-8, 8-10)
- 40-110mm Gap (predetermined)
- Various material splitting possibilities



## Side-discharge Conveyor

- 1000mm (40") wide rubber belt
- Discharge Height: 3.5m (11'6")
- Adjustable speed
- Fitting both sides
- Length extension optional

## Discharge Apron Conveyor

- 1200mm (63") wide steel plate/apron conveyor
- Discharge Height: 5.2m (17')
- Adjustable speed
- Length extension optional

## Power Unit

- Tier 3A - Volvo TAD873 / C9.3
- Stage V – Volvo TAD883VE 235kW / CAT C9.3B 310kW

## Undercarriage

- Show width: 500mm (20")
- Sprocket centres: 4.7m (15' 6")
- Tracking speed : 2 km/h
- Gradeability: 25°

## Hopper / Feeder

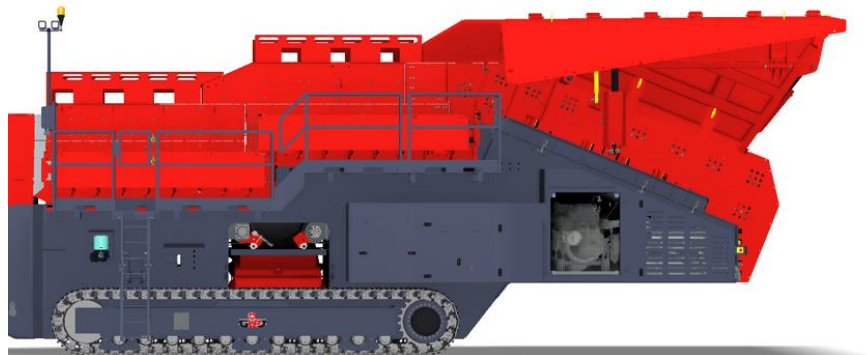
- 10m<sup>3</sup> (yd<sup>3</sup>) hopper capacity, optional up to 40m<sup>3</sup>
- Feed height: 4.1m (13'6")
- Hopper width at rear: 2.5m (8' 2")
- Apron feeder speed adjustable



# Hopper

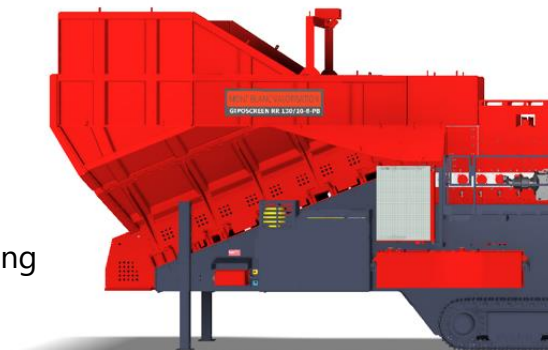
## STANDARD

- Hopper capacity: 10m<sup>3</sup> (yd<sup>3</sup>)
- Feed height: 4.1m (13'5")
- Hopper width at rear: 2.5m (8'2")



## OPTIONAL EXTENSIONS

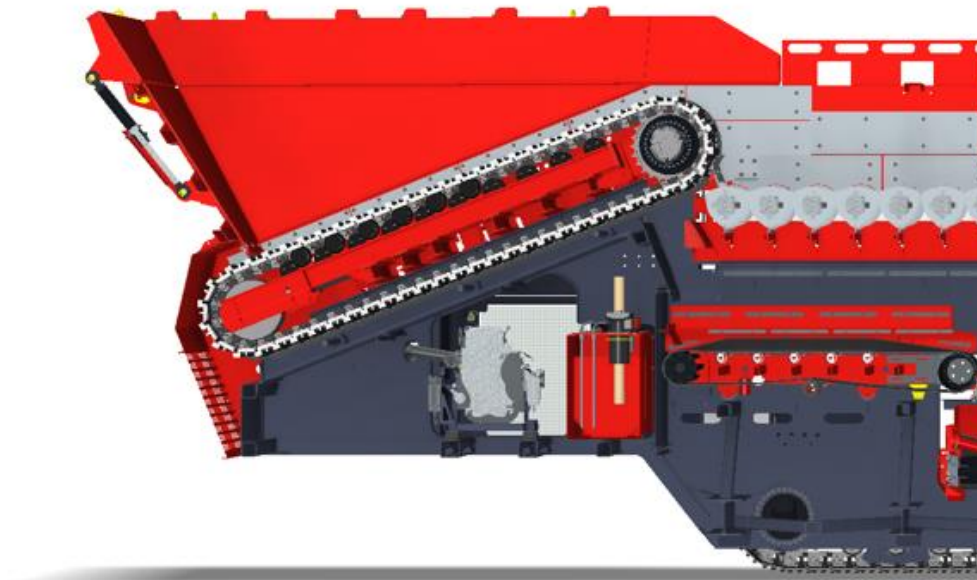
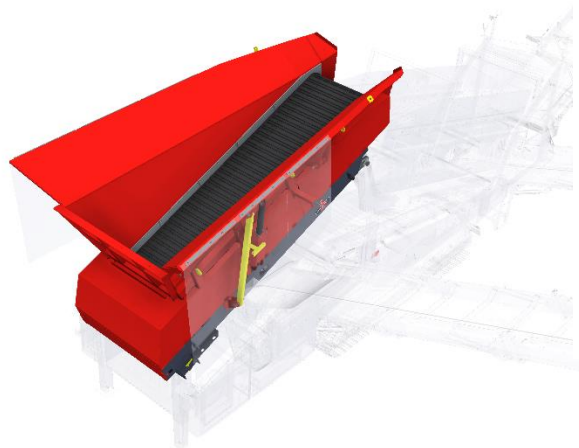
- Hopper capacity: up to 40m<sup>3</sup> (yd<sup>3</sup>)
- Feed height: variable
- Hopper width at rear: approx. 4m (13'1")
- Hopper fabricated in 12mm – 20mm HARDOX steel with optional screw in hardox lining





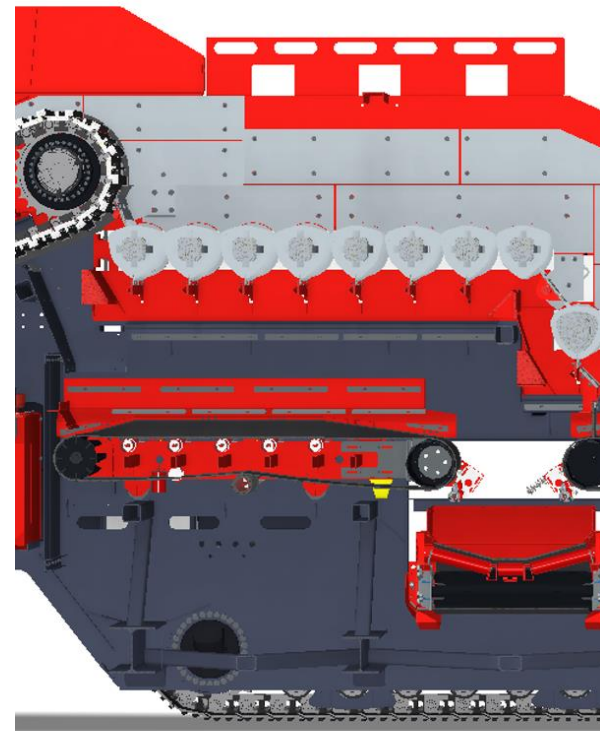
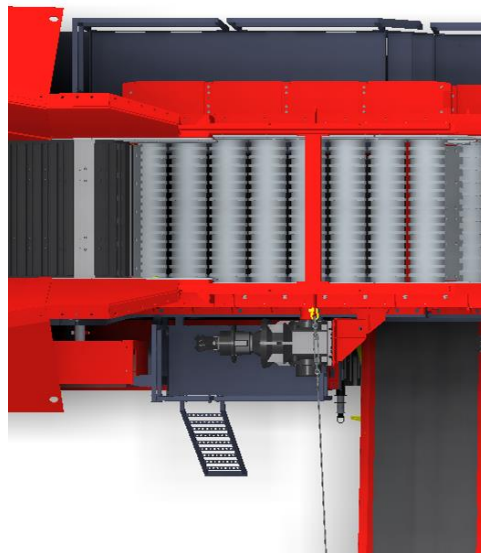
# Feeder- Apron Feeder

- 1200mm (48") wide apron feeder (steel plate feeder)
- Adjustable speed
- High torque drive
- 3-way chain support
- Easy and efficient maintenance
- Designed for big, heavy and bulky Input material



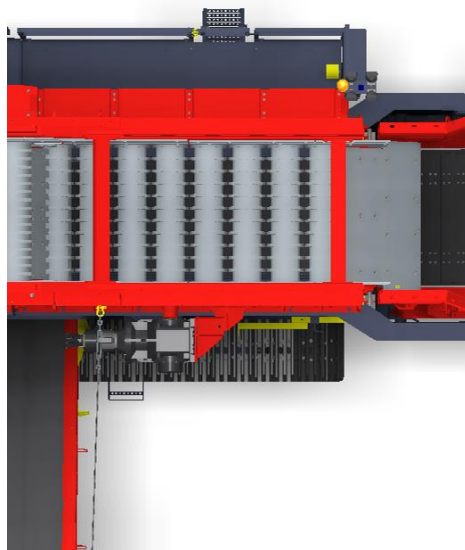
# Roller Grizzly 1-Stage

- 1300mm (48") wide Rollers
- 8 Rollers or 10 Rollers optional
- Adjustable speed
- Predefined Gap from 40-110mm
- Gap definition from Stage 1 to Stage 2
- Heavy/Duty wear resistant
- Roller wear plates can be changed
- Self lubrication of chain box

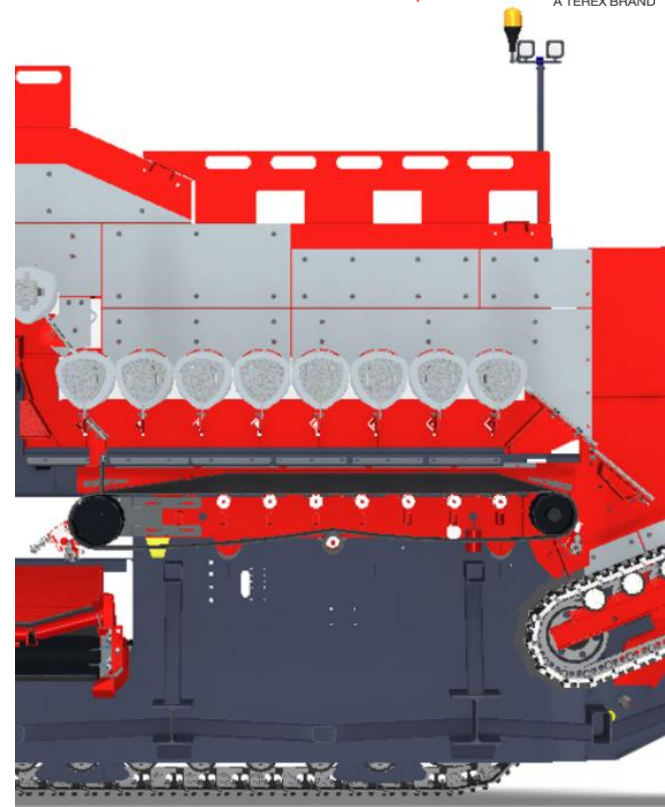


# Roller Grizzly 2-Stage

- 1300mm (48") wide Rollers
- 8 Rollers or 10 Rollers optional
- Adjustable speed
- Predefined Gap from 40-110mm
- Gap definition from Stage 1 to Stage 2
- Heavy Duty resistant
- Roller wear plates can be changed
- Self lubrication of chain box



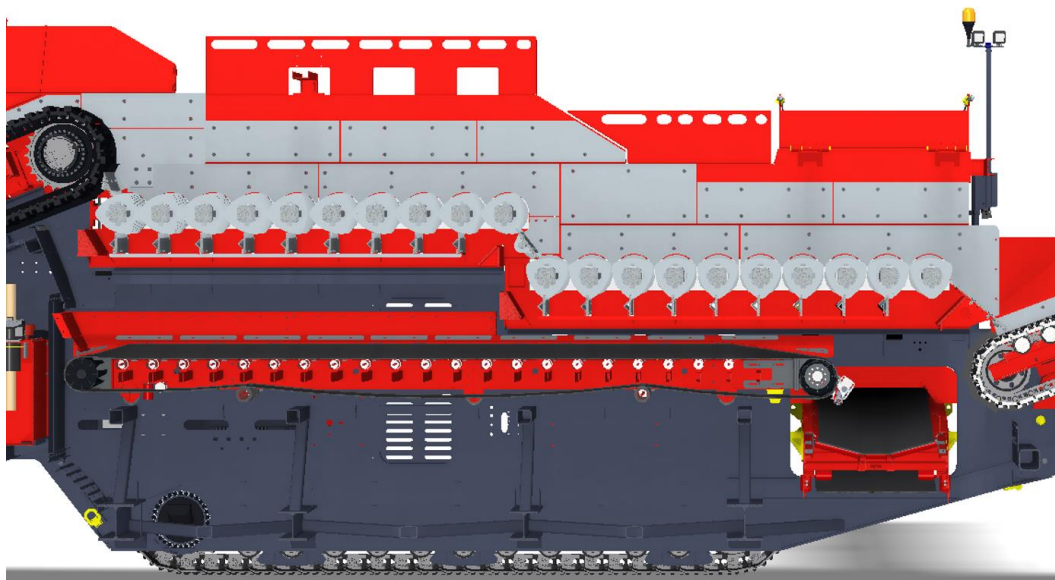
**MAGNA**<sup>®</sup>  
A TEREX BRAND



MADE FOR MORE

# Collecting Conveyors 1 & 2 Stage

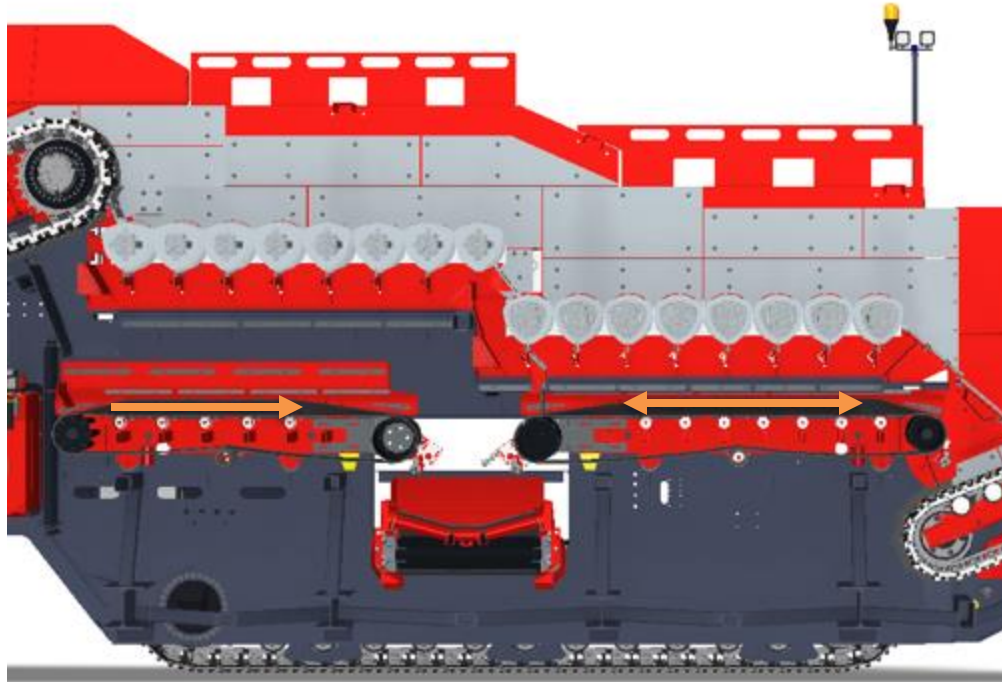
- 1200mm (") wide rubber belt for collecting screened material from Rollers Stage 1 & 2
- Only one side-conveyor (can be mounted on either side)
- Easy maintenance and accessibility
- Robust rubber and support rollers
- Fix speed
- High spec belt scraper





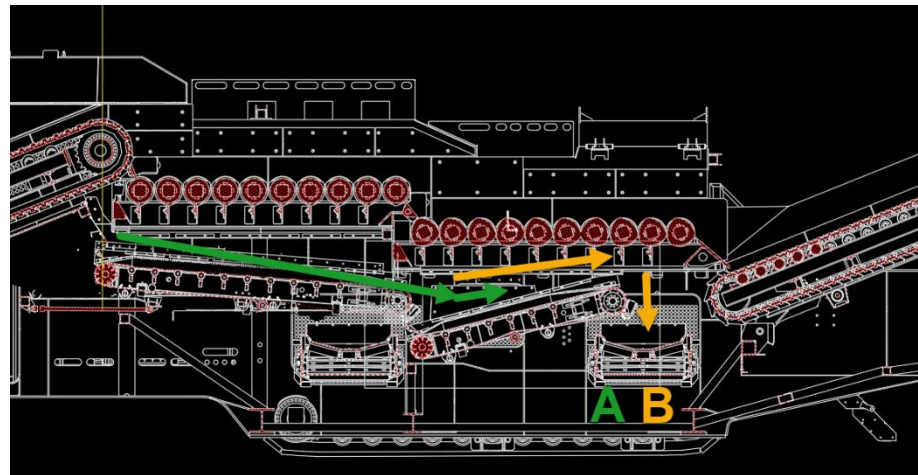
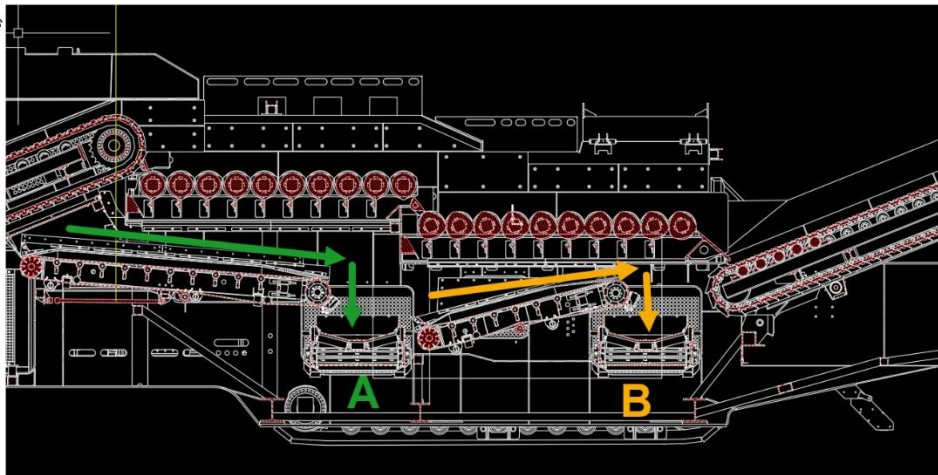
# Collecting Conveyors 1 & 2 Stage

- 1200mm (") wide rubber belt for collecting screened material from Rollers Stage 1 & 2
- 1-grade splitting or 2-Stage back to Discharge Apron



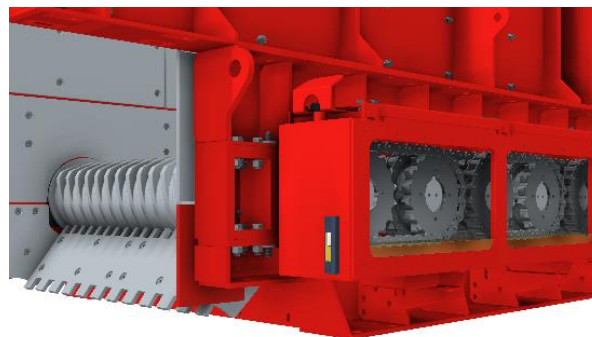
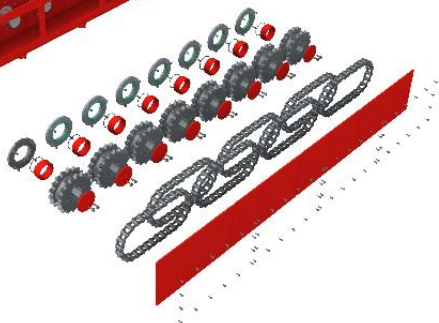
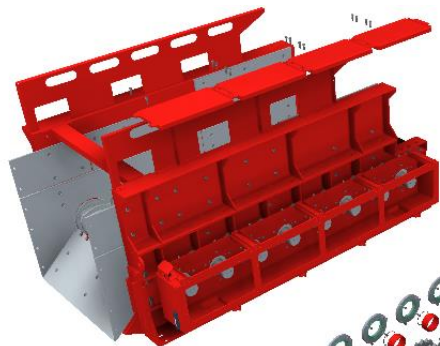
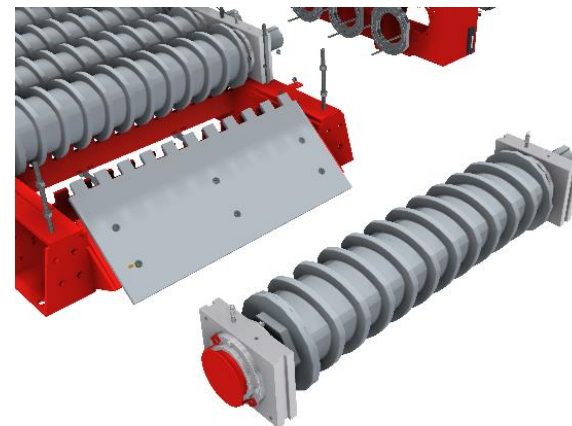
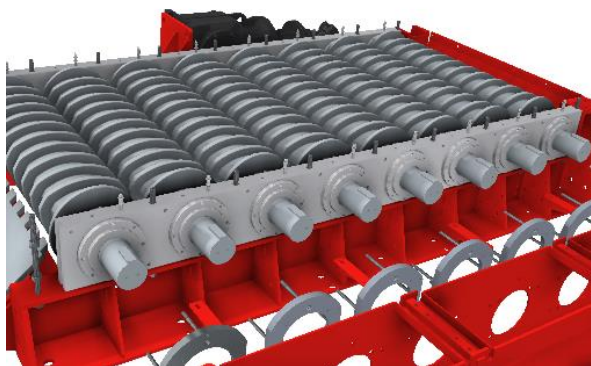
# Collecting Conveyors 1 & 2 Stage

- 1200mm (") wide rubber belt for collecting screened material from Rollers Stage 1 & 2
- Splitting option 2-grades, or 1-grade splitting



# Rollers

- 100% GIPO-Made, Swiss Quality
- High wear resistance
- Low maintenance
- Self greasing chainbox
- Robust and durable



# Discharge Apron Conveyor (Steelplate)

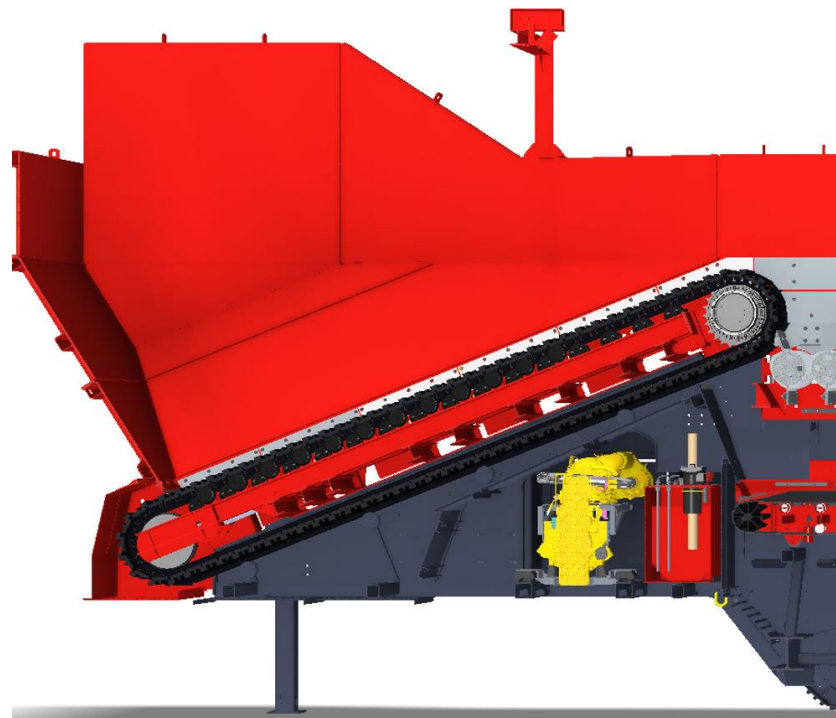
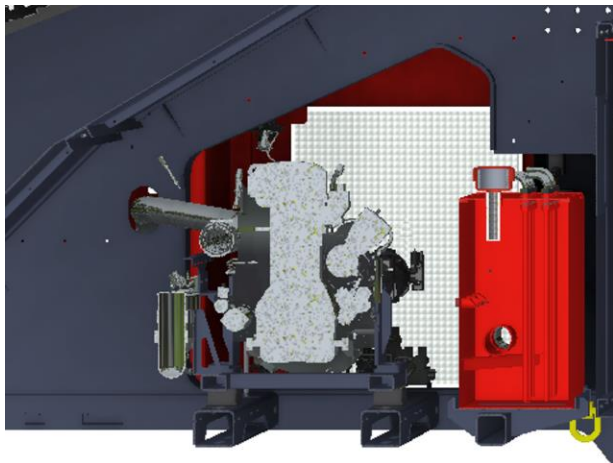
- 1200mm (47") wide steel plate conveyor
- Discharge height 5.2m (17')
- Speed: 2 m/min (360 ft/min) adjustable
- Single hydraulic motor
- High torque drive
- Full length skirting to head drum
- 3-Way chain support





# Powerunit

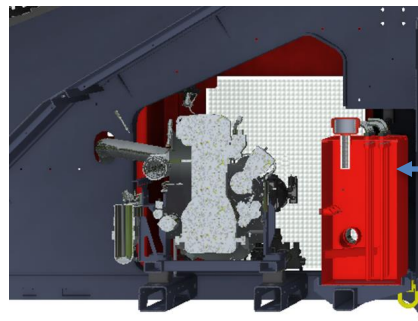
- Tier 3A - Volvo TAD873 / C9.3
- Stage 5: Volvo TAD883VE 235kW or CAT C9.3B 310kW
- Engine speed range: 1650 - 2100rpm
- Hydrostatic Drive



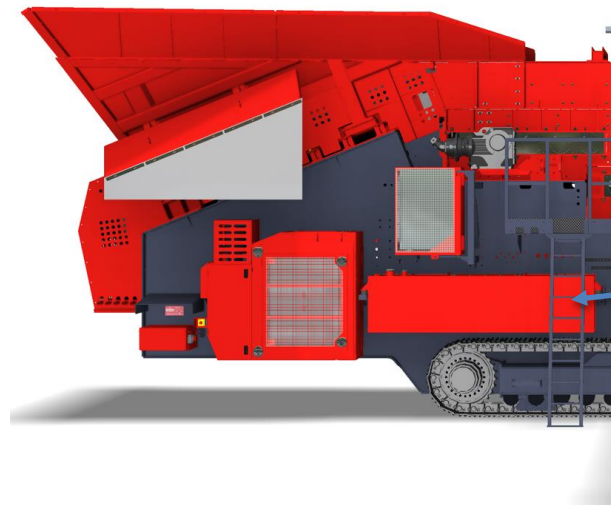


# Powerunit – Tanks

- Hydraulic tank capacity:
  - 650 Litres
  - 171 US gallon
- Fuel tank capacity:
  - 680 Litres
  - 180 US gallon
- Optional hot & cold climate oils available



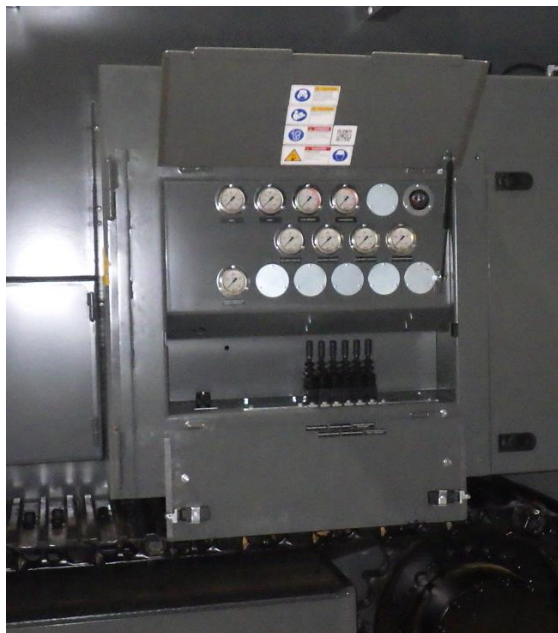
Hydraulic Oil Tank



Fuel Tank

# Control Panel cabinet

- All components within the control panel compartment are positioned conveniently
- Standard components on every machine
- Easy, self trouble shooting



# Control Panel Engine



- 1: Ignition ON/OFF
- 2: E-Stop RESET
- 3: Engine Start / Stop
- 4: Auxiliary Drives ON/OFF
- 5: Engine Speed +/-

# Control Panel Hydraulics

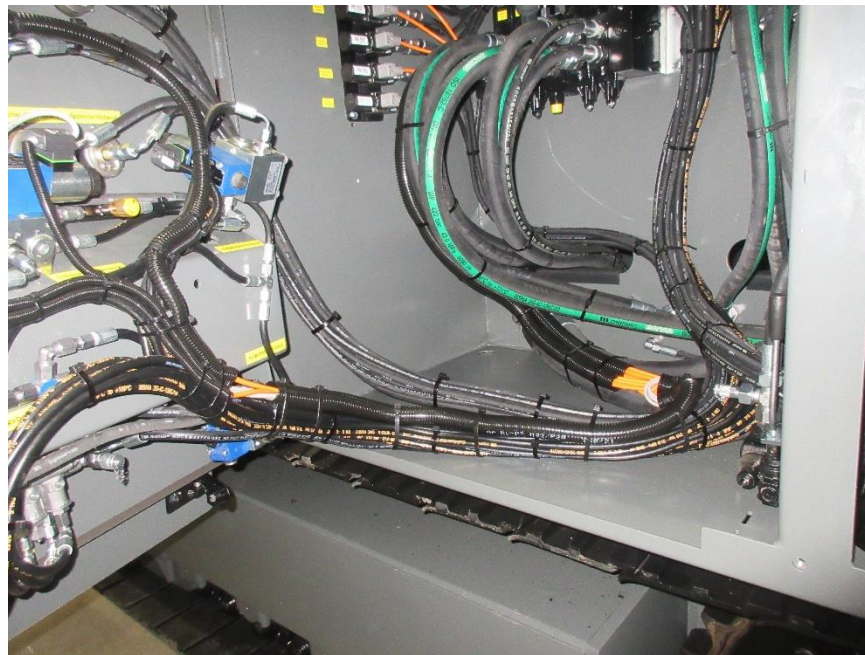
- User friendly Control Panel for hydraulic pressures overview
- Hand Levers to START/STOP Conveyors and Rollers
- Easy for operating, maintenance and machine overview
- Conveyors and rollers can be reversed for clearing blockages





# Hydraulic Cabinet

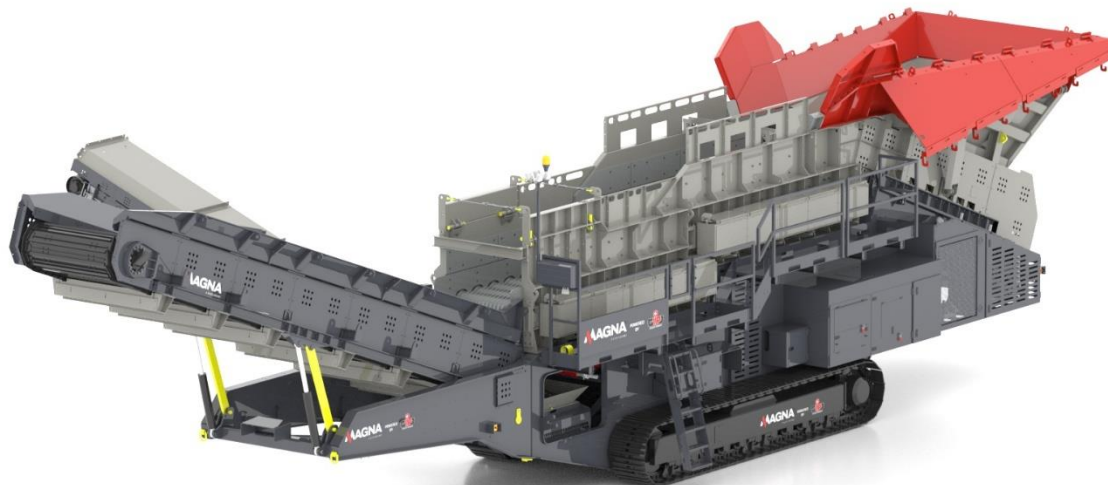
- Self-contained hydraulic cabinet for straightforward access and maintenance
- Main hydraulic components are located within this cabinet close to the neighbouring engine bay
- Adjustments can be made for the best possible use in your application
- Load sensing hydraulic system is best to provide the energy where needed





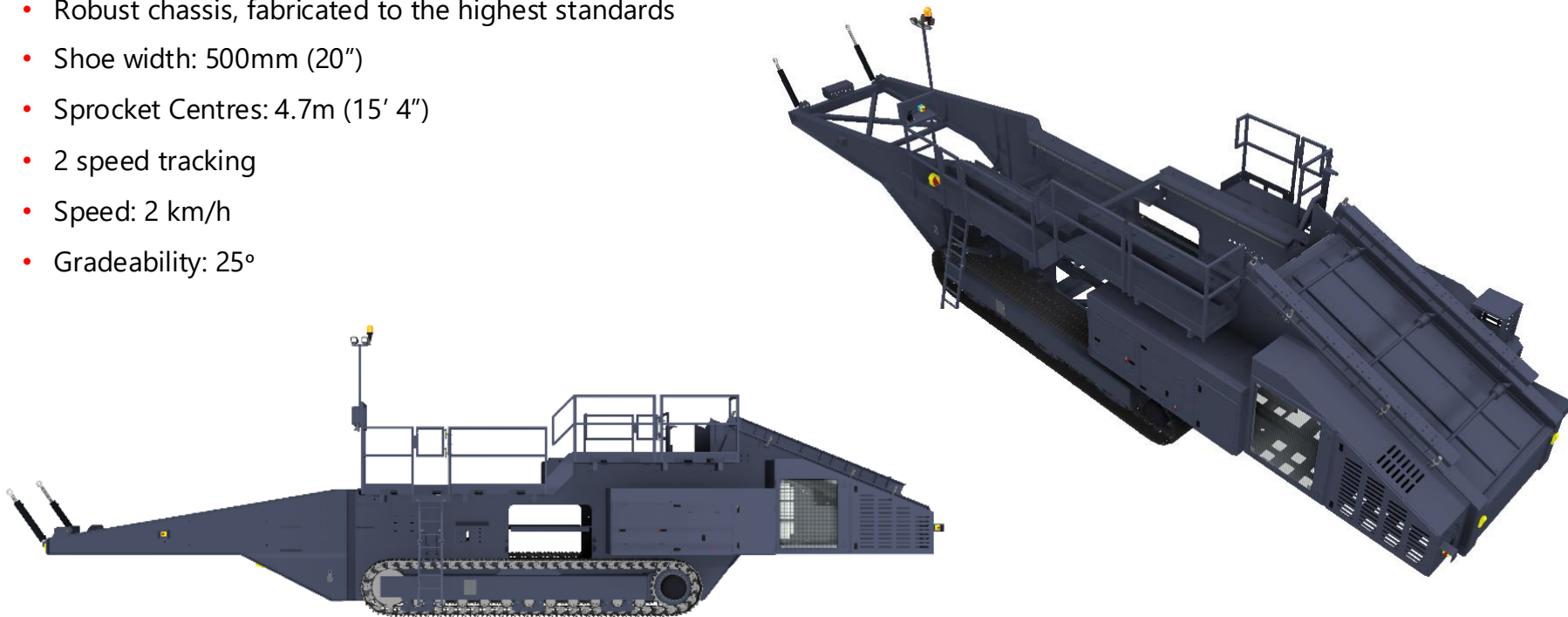
# Access & Catwalks

- Colorised catwalks and ladders for full and safe maintenance and service access
- Full catwalk access to Roller screens
- No folding required



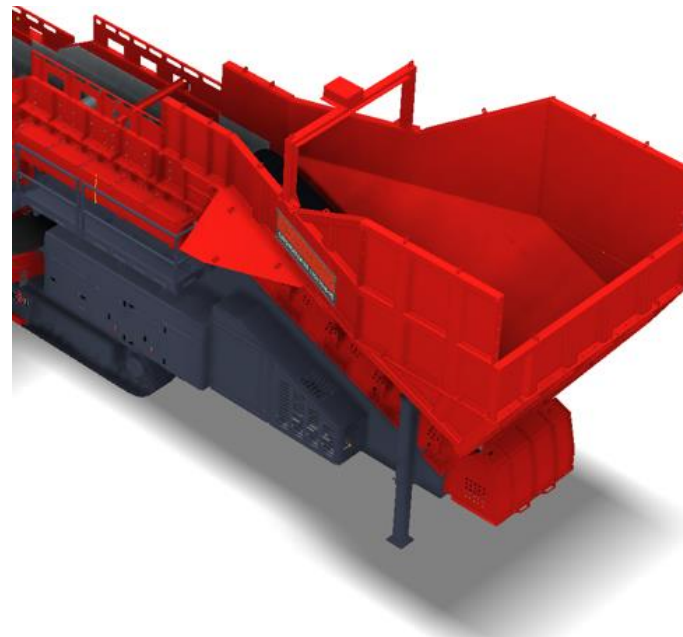
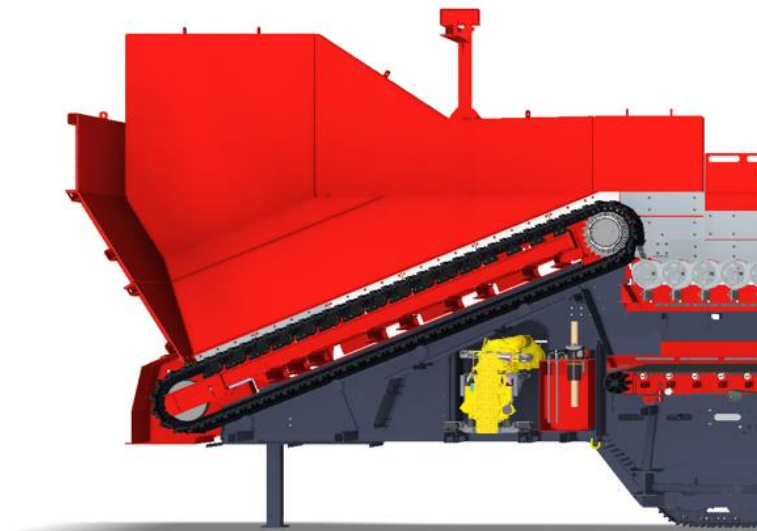
# Chassis & Tracks

- Robust chassis, fabricated to the highest standards
- Shoe width: 500mm (20")
- Sprocket Centres: 4.7m (15' 4")
- 2 speed tracking
- Speed: 2 km/h
- Gradeability: 25°



# Option List – Feed hopper

- Extension for feed hopper up to capacity 40m<sup>3</sup>/ 52yd<sup>3</sup>
- Additional HARDOX liners for Hopper
- Additional Support
- Built to suit your needs



# Option List

- Hopper capacity up to 40m<sup>3</sup>
- Multiple Roller options available ( 1 Stage / 2 Stage)  
(8-8, 10-8, 8-10, 10-10)
- Higher Chassis for more space to the ground
- Fuel pump
- Central lubrication system
- Working Lights



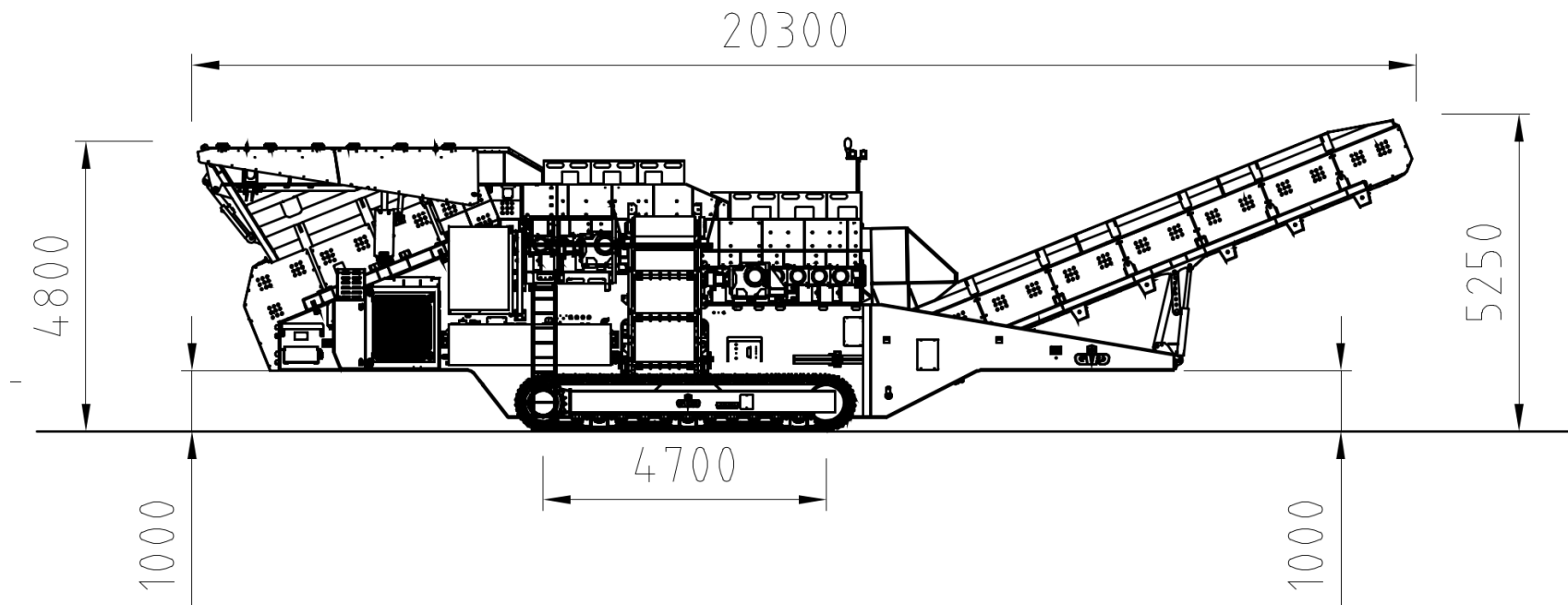
# Option List

- Remote control for tracking
- Remote control for machine operation

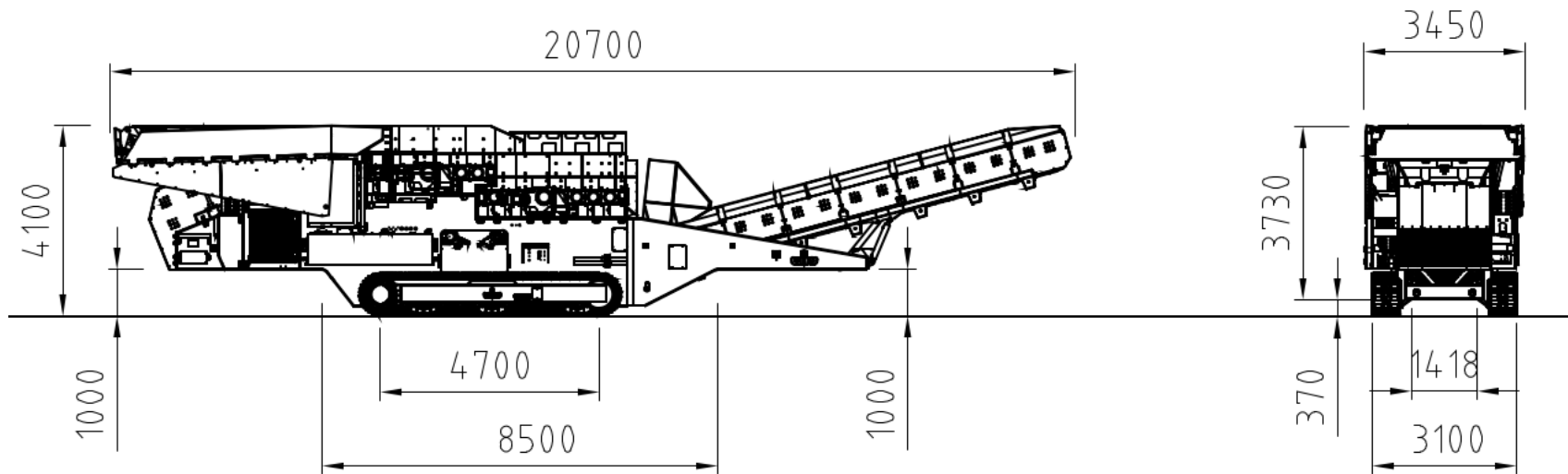




# Dimensions – Working



# Dimensions – Transport



# — Case Study – Limestone Quarry France





# — Case Study – Limestone Quarry France



# — Case Study – Limestone Quarry France







Thank You

For more information, please contact your Territory  
Manager or send an email to:

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