

# PRODUCT DESCRIPTION



## **RDS520**

### **MOBILE TRACK-MOUNTED FINISHING SCREEN**

**Feed hopper** 10.5 yd<sup>3</sup> / 8,0 m<sup>3</sup>

**Screen surface (top)** 20' x 5' / 6,15 x 1,52 m

**Screen surface (bottom)** 18' x 5' / 5,50 x 1,52 m

**Transport weight** ~ 77,200 lbs / 35,0 t



4 precisely defined fractions

## POWERFUL SCREENING FOR VERSATILE MATERIAL PROCESSING

The track-mounted 3-deck screening machine RTS520 combines efficiency with robust but compact design, short setup times, superior screening results and reduced fuel consumption.

An economical preparation of almost any material such as sand, gravel, construction and demolition waste, coal and top soil is guaranteed by the RTS520.

Like all Rockster screening plants, the RTS520 is easy to handle and can be single operated.

## FEATURES & BENEFITS

- > Short set-up time
- > Easy handling
- > Low feeding height
- > Robust steel construction
- > Optimal transport dimensions
- > High energy screenbox
- > Hydraulic folding discharge belts
- > Reversible transfer belt
- > Screenbox walkways

## Applications

- > Produces 4 final fractions as an individual machine
- > Final screening unit after the crusher to separate the crushed product in 4 final fractions

PERFORMANCE	
Max. feed size:	5" / 125 mm
Capacity:	up to 390 st/h / 350 t/h

HOPPER	
Width:	6' / 1,83 m
Length:	14'1" / 4,30
Max. Volume:	10.4 yd <sup>3</sup> / 8,0 m <sup>3</sup>

TIPPING GRID	
Width:	7' / 2,17 m
Length:	16'2" / 4,95
Tip function:	Radio remote or manual

SCREEN SURFACE	
Top deck:	20' x 5' / 6,15 x 1,52 m
Bottom deck:	18' x 5' / 5,50 x 1,52 m
Angle:	20-30 °

FEEDER BELT	
Width:	42" / 1050 mm
Type:	Plain belt
Control:	Variable speed

MAIN BELT	
Width:	42" / 1050 mm
Control:	Variable speed

FINES (TAIL) BELT	
Width:	48" / 1200 mm
Discharge Height:	~ 18'11" / 5,80 m
Control:	Variable speed

MIDS BELT	
Width:	32" / 800 mm
Discharge Height:	~ 17'9" / 5,40 m
Control:	Variable speed

OVERSIZE BELT	
Width:	32" / 800 mm
Discharge Height:	~ 17'9" / 5,40 m
Control:	Variable speed

AUXILIARY BELT	
Width:	20" / 500 mm
Discharge Height:	~ 15'9" / 4,80 m
Control:	Variable speed

TRACKS	
Width:	16" / 500 mm
Speed:	0,6 miles/h - 1 km/h

DRIVE UNIT	
Tier 3 A	CAT 4.4 - 129HP / 97 kW
Tier 4 Final	JCB444 EcoMax - 173HP / 129kW
Diesel Tank:	122 US gallon / 465L
Hydraulic tank:	145 US gallon / 550L

## OPTIONS

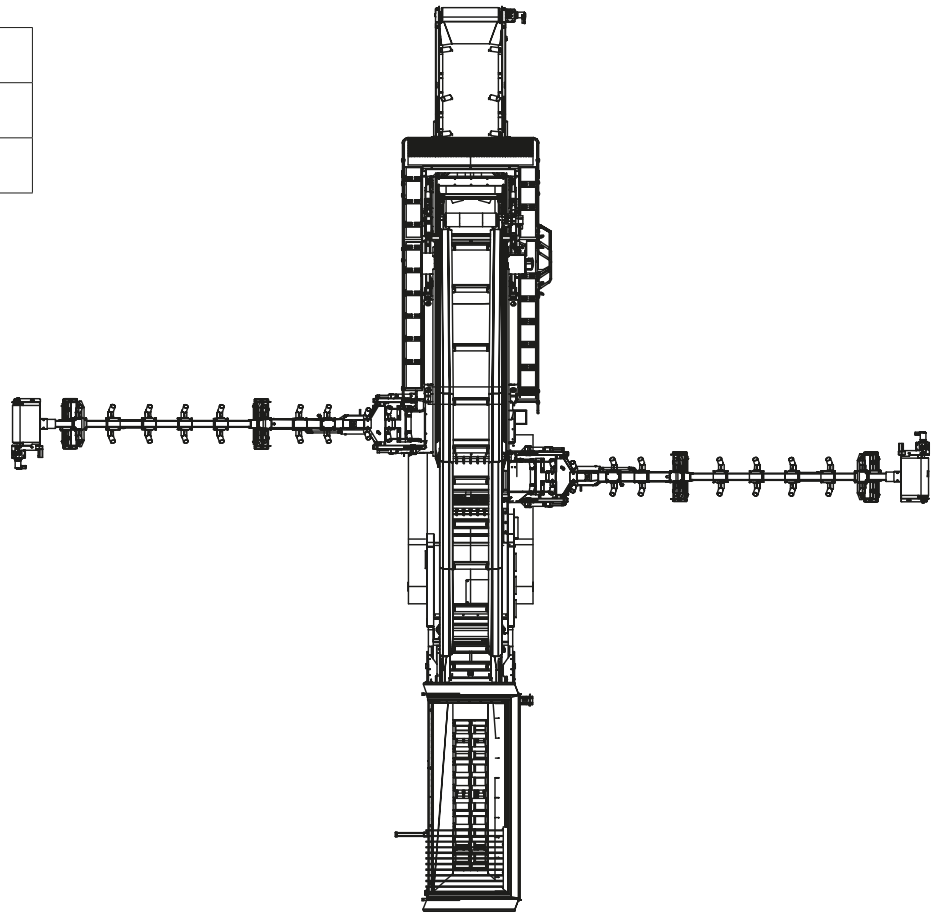
- > Two-deck vibrating grid
- > Screen decks: Mesh or piano wire
- > Radio remote control
- > Dust covers on main and discharge belts
- > Stage V - JCB444 EcoMAX

# DIMENSIONS

# RDS520

## Working dimensions

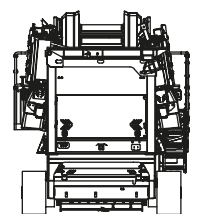
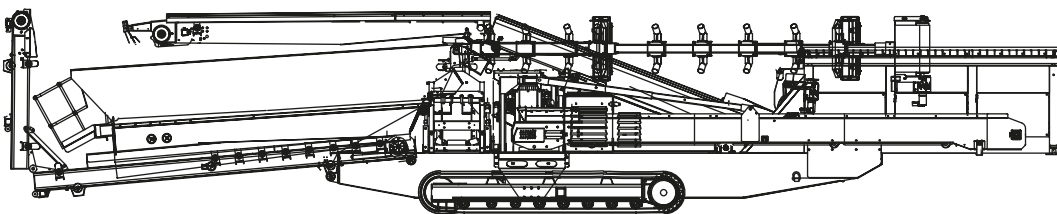
Länge:	65' / 19,80 m
Breite:	65' / 19,80 m
Höhe:	20'7" / 6,30 m



## Transport dimensions

Length:	61'5" / 18,72 m
Width:	9'10" / 3,00 m
Height:	11'5" / 3,48 m

Weight:	77,200 lbs / 35,0 t
Weight C/W Livehead:	84,900 lbs / 38,5 t



# GENERAL INFORMATION



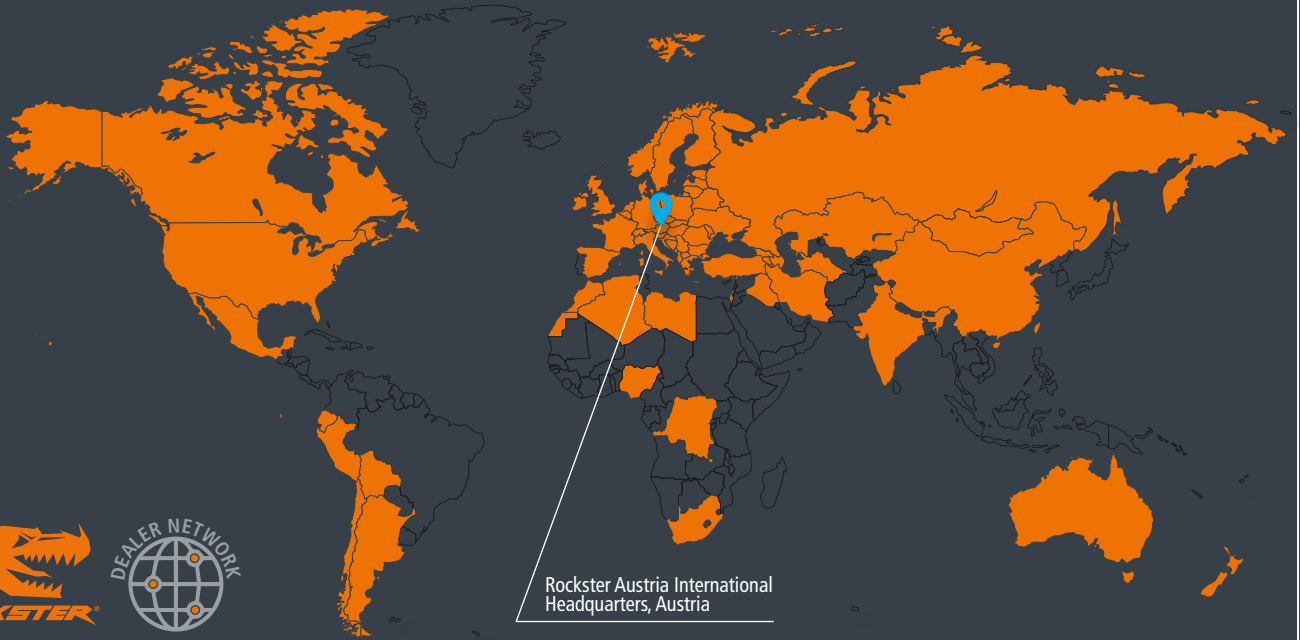
Austrian based manufacturer Rockster Austria International GmbH has a longstanding reputation and the know-how in demolition and screening industry.

The product line includes, among others, track mounted impact and jaw crushers, screening machinery and tracked stackers. "Our mobile crushers and screeners are used for profitable & economical recycling and processing of asphalt, concrete and construction waste, as well as for natural stone.

With innovations like The Original DUPLEX system or double-functional return belt, we repeatedly demonstrate our progressive approach towards improving and developing more efficient recycling & processing methods."

Rockster machines are sold in more than 50 countries worldwide. Our sales partner network guarantees the ideal on-site package of product and service in order to support and secure the daily success of our customers.





Rockster Austria International  
Headquarters, Austria

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Print- and punctuation errors excepted. Content is subject to change without notice. NOTE - Crusher weight may vary depending on engine type.