



# RSS514

## MOBILE TRACK-MOUNTED SCALPING SCREEN

Feed hopper 9.4 yd<sup>3</sup> / 7,2 m<sup>3</sup>

Screen surface 14'1" x 5' / 4,3 x 1,5 m

Transport weight ~ 53,600 lbs / 24,3 t

EFFICIENT  
SCREENING  
TECHNOLOGY



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**ROCKSTER**<sup>®</sup>



MOBILE TRACK-MOUNTED SCALPING SCREEN

**RSS514**

**HIGHLY VERSATILE  
MAXIMUM  
THROUGHPUT**





**3 final fractions**

## DESIGNED FOR A VARIETY OF APPLICATIONS & HIGHEST PERFORMANCE

RSS514 separates demolition debris, asphalt, concrete, bricks, coal, metal, top soil, compost and virgin stone. Also available either with a belt feeder or an optional steel apron feeder.

### FEATURES & BENEFITS

- › Short set-up time
- › Easy handling
- › Low feeding height
- › Robust steel construction
- › Folding hopper tailgate for direct crusher feeding
- › Optimal transport dimensions
- › Hydraulically foldable hopper sides
- › Hydraulically foldable discharge belts
- › Easy access to the engine compartment
- › Screenbox walkways
- › Hydraulically raise the screenbox to facilitate mesh change

### Applications

- › Produces 3 final fractions as an individual machine
- › Pre-screen before the crusher for production of 2 additional defined fractions, the separation of fines serves as wear protection & increases the crusher performance
- › Final screening unit after the crusher to separate the crushed product into 3 final fractions

# TECHNICAL DETAILS

**RSS514**

PERFORMANCE	
Max. feed size:	20" / 500 mm
Capacity:	up to 410 st/h - 375 t/h

HOPPER	
Width:	8'9" / 2,70 m
Length:	12'1" / 3,70
Max. Volume:	9.4 yd <sup>3</sup> / 7,2 m <sup>3</sup>

SCREEN SURFACE (both decks)	
Length:	14' / 4,30 m
Width:	5' / 1,52 m
Angle:	15 - 19°
Screen decks:	acc. to customer requirements

FEEDER BELT	
Width:	48" / 1200 mm
Type:	Plain belt
Control:	Variable speed

FINES BELT	
Width:	32" / 800 mm
Discharge height:	~ 12'6" / 3,80 m
Control:	Variable speed

MIDS BELT	
Width:	32" / 800 mm
Discharge height:	~ 11'8" / 3,60 m
Control:	Variable speed

OVERSIZE BELT	
Width:	48" / 1200 mm
Discharge Height:	~ 11'2" / 3,40 m
Control:	Variable speed

COLLECTION BELT	
Width:	48" / 1200 mm
Control:	Constant

TRACKS	
Width:	16" / 400 mm
Speed:	0,6 mph - 1 km/h

APRON FEEDER	
Width:	48" / 1200 mm
Type:	Apron
Control:	Variable speed

DRIVE UNIT	
Tier 3A	CAT 4.4 - 102HP / 75kW
Tier 4 Final	JCB444 EcoMax - 126HP / 93kW
Diesel tank:	103 US gallon / 390L
Hydraulic tank:	118 US gallon / 450L

## OPTIONS

- > Top deck: Finger tines, bofor bar punch plate or mesh
- > Radio remote control
- > Apron feeder
- > Stage V - CAT 3.6 - 134JP / 100kW
- > Stage V - JCB444 EcoMax - 126HP / 93kW

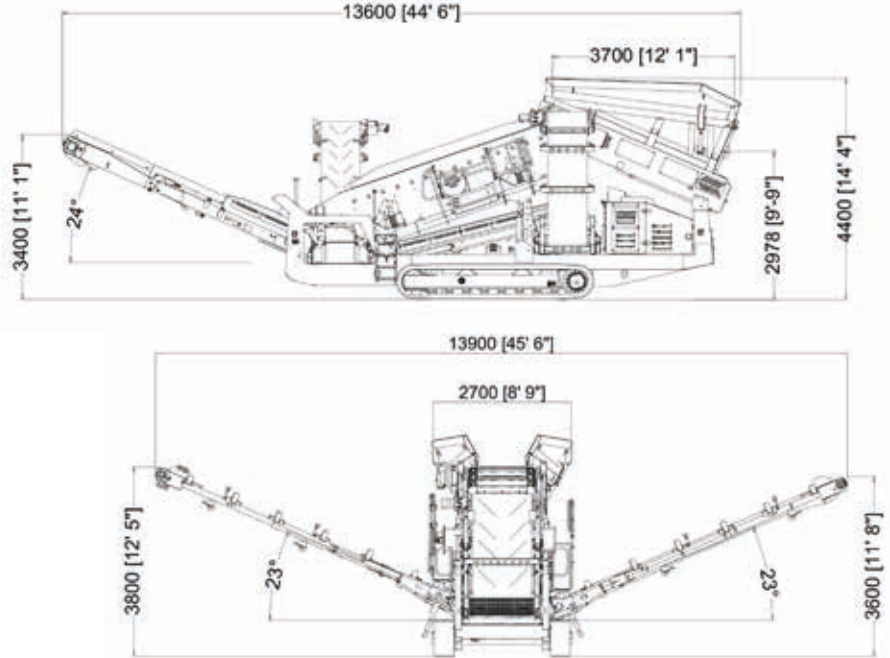


# DIMENSIONS

**RSS514**

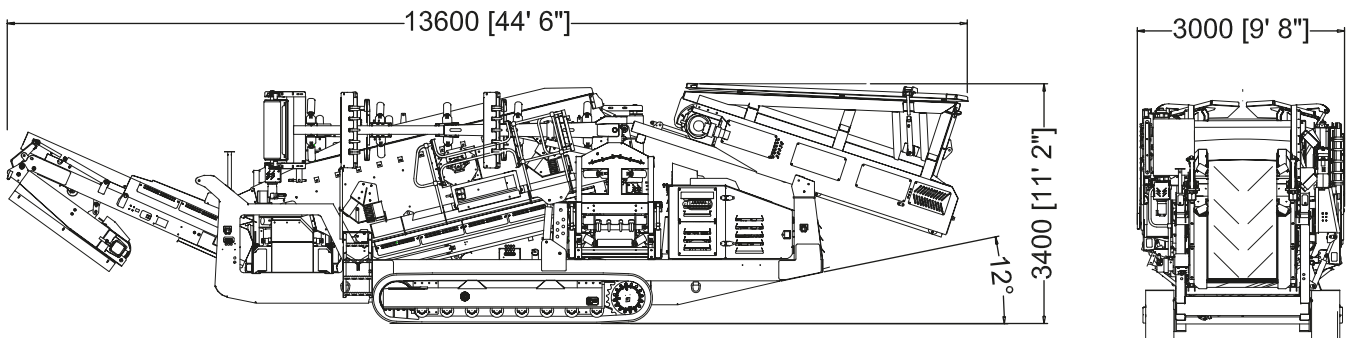
## Working dimensions

Length:	44'6" / 13,60 m
Width:	45'6" / 13,90 m
Height:	14'7" / 4,40 m



## Transport dimensions

Length:	44'6" / 13,60 m
Width:	9'10" / 3,00 m
Height:	11'2" / 3,40 m
Weight Apron feed:	60.630 lbs / 27,5 t
Weight Belt feed:	53.600 lbs / 24,3 t





# GENERAL INFORMATION



Austrian based manufacturer, Rockster Austria International GmbH has a longlasting reputation and the know-how indemolition and screening industry. The product line includes, among others, track mounted impact & jaw crushers, screening machinery, feeder conveyors 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.

## The Rockster concept

**RELIABILITY** - maximum reliability due to the highest product quality standards.

**OPERATING EFFICIENCY** - higher operational efficiency due to optimized transport dimensions (easy transport – no special permits needed in many cases), simple maintenance and handling.

**CAPACITY** - higher production capacity as a result of special high-speed rotor and enormous power reserves for the drive systems.

**KNOWLEDGE** - many years of practical experience in advanced machine design creates tremendous value for customers.

**SERVICE** - round-the-clock service and support is the company hallmark, with rapid response and immediate availability of spare and wear parts.

**TECHNOLOGY** - using industry-standard brand components assures adherence to the highest technical standard.

**ENVIRONMENTALLY FRIENDLY** - engineered to meet the highest environmental standards with the installation of low-pollution engines and complex sound suppression systems.

**REVENUE** - designed to meet customers' revenue and return-on-investment requirements due to low investment and operating costs. Additionally the unique advantages of the DUPLEX system maximize machine utilization with multiple crusher capabilities on one carrier.





We reserve the right to change without prior notice the information provided in this product description.

# EFFICIENT SCREENING TECHNOLOGY

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