

SCALPER

SC4815

Ωmega
A PROPEL BRAND



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Technical Parameters

SC 4815 (H) - SCREENING RANGE

Top Deck Size: 4920 × 1470 mm (16' × 5')

Bottom Deck Size: 4300 × 1450 mm (14' 1" × 4' 9")

Number of Decks: 2

Capacity*: Up to 450 TPH (496 STPH)

Hopper

Hopper Capacity: 7 m³ (9.2 cu. yd.)

Belt Feeder

Belt Width: 1200 mm (47.2")

Apron Feeder

Pan Width: 1050 mm (41")

Over Size Conveyor

Stockpile Discharge Height : 3450 mm (135.8")

Mid Size Conveyor

Stockpile Discharge Height : 3646 mm (143.5")

Fines Conveyor

Stockpile Discharge Height : 3825 mm (150.6")

Under Carriage

Shoe Width: 400 mm (1' 4")

Hydraulic Tank Capacity: 450 litres (119 gal)

Power Unit

Engine: CAT 3.6

Diesel Tank Capacity: 400 litres (105.7 gal)

Transport Dimensions

	LENGTH	WIDTH	HEIGHT
Track Unit	15.00 m (49' 3")	3.00 m (9' 10")	3.40 m (11' 2")

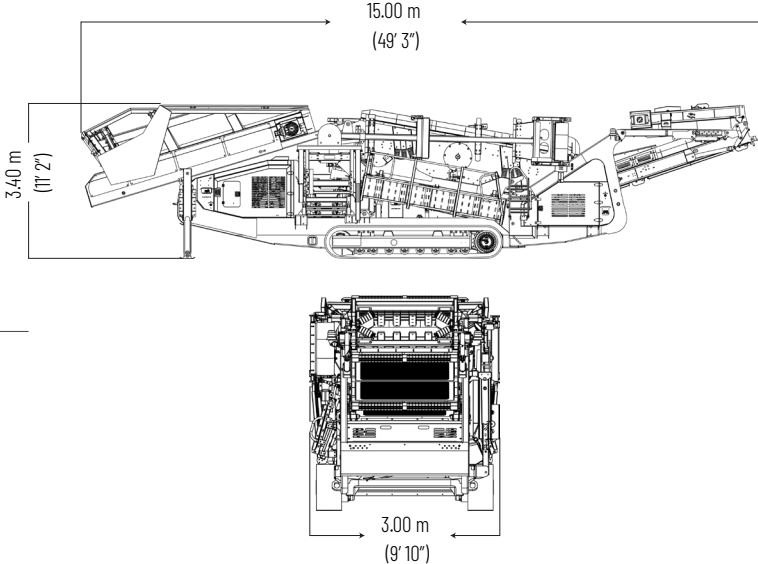
Working Dimensions

	LENGTH	WIDTH	HEIGHT
Track Unit	16.17 m (53' 0.7")	14.64 m (48' 0.3")	4.33 m (14' 2.5")

Weight

With Belt Feeder: 30,000kg (66,139 lbs)

*Details may vary based on application
Note: Technical details subject to change during engineering and design development.



- ✓ 16' × 5' High-Energy Twin-Deck Screen Box for Superior Pre-Screening Performance
- ✓ Processes up to 450 TPH for Maximum Productivity and Material Throughput
- ✓ Fuel-Efficient Diesel-Hydraulic Drive System for Reliable Operation
- ✓ Hydraulically Folding Conveyors and Walkways for Rapid Deployment
- ✓ Compact and Transport-Friendly Design for Enhanced Site Mobility

1 Feed Hopper

- ✓ Heavy-duty, wear-resistant feed hopper
- ✓ Large capacity for continuous material flow
- ✓ Optimized design for quick and efficient loading
- ✓ Optional hopper extensions available
- ✓ Reinforced structure for high-impact materials

2 Screen Box

- ✓ High-performance screening unit for precise separation
- ✓ Designed for aggressive screening action
- ✓ Multi-deck configuration for higher productivity
- ✓ Easy access for maintenance and service
- ✓ Durable construction for long operational life

3 Mid Size Conveyor

- ✓ High-performance screening unit for precise separation
- ✓ Designed for aggressive screening action
- ✓ Multi-deck configuration for higher productivity
- ✓ Easy access for maintenance and service
- ✓ Durable construction for long operational life

4 Oversize Conveyor

- ✓ Handles larger materials efficiently
- ✓ High discharge height for stockpiling
- ✓ Wide conveyor belt for increased capacity
- ✓ Smooth and consistent material flow
- ✓ Hydraulically adjustable for flexibility



5 Chassis

- ✓ Robust crawler-mounted chassis
- ✓ Engineered for stability in quarry conditions
- ✓ High ground clearance for rough terrain
- ✓ Designed for easy transportation
- ✓ Strong structural integrity for heavy-duty operations

6 Tracks

- ✓ Heavy-duty tracked mobility system
- ✓ Ensures smooth movement across uneven terrain
- ✓ High traction for quarry environments
- ✓ Remote-controlled tracking (optional)
- ✓ Reliable performance in harsh conditions

7 Control System

- ✓ User-friendly control panel
- ✓ Centralized operation for easy handling
- ✓ Quick start/stop functionality
- ✓ Safety-integrated system design
- ✓ Efficient power and performance management

8 Power Pack

- ✓ High-efficiency engine for reliable output
- ✓ Fuel-efficient operation
- ✓ Easy access for maintenance
- ✓ Optimized cooling system
- ✓ Designed for continuous heavy-duty usage

Powering the Future of Crushing

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crushing and screening plant

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