

# Ranger™ SS13

Mobile Direct Feed Screen



The Ranger™ SS13 mobile direct feed screen, designed for heavy-duty applications, is small enough to fit inside a container, but powerful enough to withstand the toughest materials. This plant can be used in both finishing and scalping applications with flexible features like moveable overs conveyors, allowing both oversized products to exit using one conveyor with the pull of a handle.



## Hopper/Feeder

- 14' 8" x 40" (4,470mm x 1,000mm) belt feeder
- Hydraulic drive with variable speed
- 9 cubic yard capacity
- Hydraulically lowering hopper sides for feeding and transport

## Product Conveyors

- Two 28' x 32" (8,534mm x 800mm) conveyors with swing out design
- Hydraulic drive with variable speed
- Chevron belt (midsized), smooth belt (fines)
- Discharge height: 11' 10" (3,620mm) on midsized
- Discharge height: 12' 4" (3,775mm) on the fines
- Variable speed on midsized conveyor

## Power Unit

- Deutz TD2.9 L4 (EU Stage IIIB, EPA Tier 4) 74hp (55kw)
- Deutz TD2.9 L4 (EU Stage V) 74hp (55kw)
- 53 gal (200L) fuel tank
- 120 gal (450L) hydraulic oil reservoir

## Underscreen Conveyor

- 8' x 40" (2,438mm x 1,000mm) conveyor
- Hydraulic drive with variable speed
- Raises and lowers hydraulically to get access to screen mesh

## Vibrating Screen

- Bolted, 2-deck, 2-bearing high vibration screen
- Screen box: 13' 9" x 4' 3" (4,191mm x 1,295mm)

## Overs Conveyor

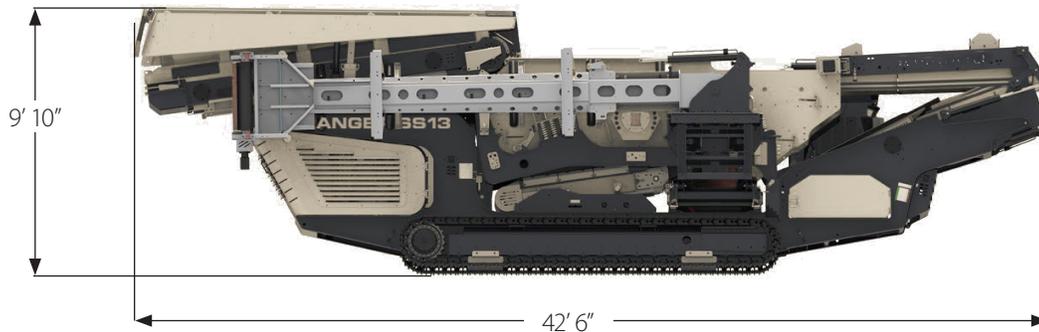
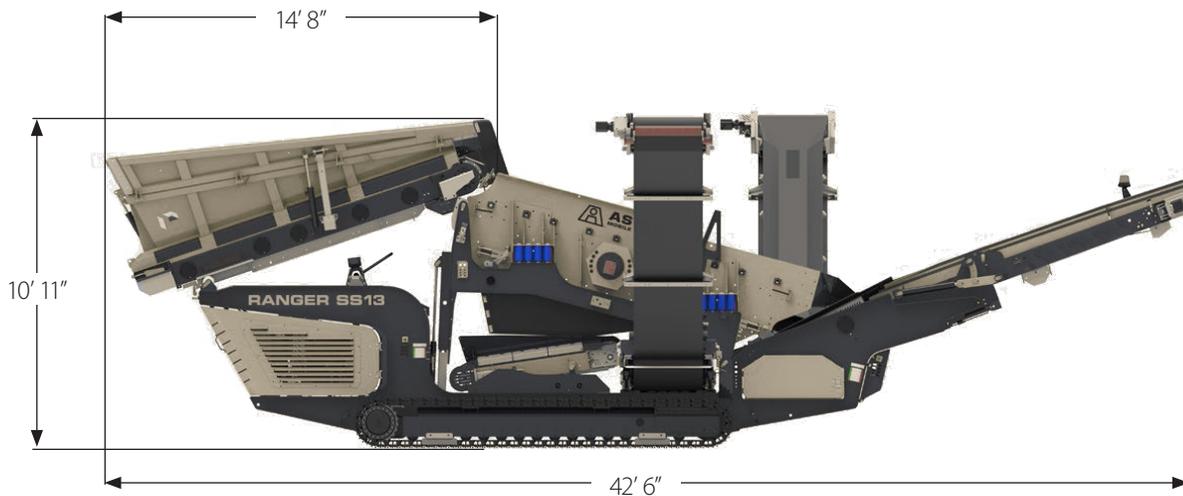
- 21' x 40" (6,401mm x 1,000mm) conveyor
- Hydraulic drive with variable speed
- Discharge height: 10' 6" (3,200mm)
- 2-in-1 overs conveyor

## Options

- Top deck frame (side tensioned)
- Top deck frame (end tensioned)
- Protection row: 2" (50mm) Spacing
- Side-tensioned top deck media (5 per deck)
- End-tensioned top deck media (2 per deck)
- Screen media
- Wireless track remote

## Physical and Operating Characteristics

Dimension	Standard	Metric
Operating Length	42' 6"	12.95m
Operating Width	45' 9"	13.96m
Operating Height	10' 11"	3.33m
Travel Length	35'	10.68m
Travel Width	8' 4"	2.55m
Travel Height	9' 10"	3m
Unit Weight (Belt Feeder)	41,000lb	18,600kg
Feed Height (Front Feed)	10' 11"	3.33m



Astec Mobile Screens, Inc.  
2704 West LeFevre Road  
Sterling, IL 61081  
1 (800) 545-2125  
mail@kpijci.com | rangertrack.com

### NOTE: CONSULT FACTORY FOR EXACT DIMENSIONS, specifications are subject to change without notice.

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