



# ***STRIKER***

## **BUILT TO LAST**



# **STRIKER SQ1863E**

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**Unlimited Solutions  
for Limited Resources**

# **TRACKED SCREEN**

# SQ1863E Features



**Main Chassis** - Main chassis members are constructed from welded beams. These members are engineered to withstand the stresses exerted upon them by both road transport and operation of the plant.

**Belt Feed Hopper** - With 9m<sup>3</sup> (12yd<sup>3</sup>) capacity and hydraulic tipping grizzly, this hopper is ideal for achieving maximum production with this plant. Belt feeder is 1000mm (3'3") wide 4-ply belt. The feeder is positioned beneath the hopper and grizzly. Power is provided to the feeder via a hydraulic motor and gearbox arrangement.

**Remote Tipping Grizzly** - The tipping grizzly is hydraulically remote control operated.

**Main Feed Conveyor** - A 1200mm (3'11") wide 3-ply conveyor transfers material from the feeder up to the 3-deck screen. The main frame for the conveyor is supported on the chassis and has a folding head section for lowering during transport of the plant.

**Tail Conveyor** - Tail conveyor consists of a 1500mm (4'11") wide 3-ply conveyor belt mounted under the screen to stockpile the bottom size product, which passes through the screen bottom deck. This conveyor is direct driven by a large capacity hydraulic motor. The tail conveyor folds and retracts for transport by hydraulic means.

## TECHNICAL SPECIFICATION

### Hopper

Capacity - 9m<sup>3</sup> (12yd<sup>3</sup>)

### Feeder

Belt Width - 1000mm (3'3")

### Screenbox

Top Deck - 18' x 6' (5.5m x 1.8m)  
 Middle Deck - 18' x 6' (5.5m x 1.8m)  
 Bottom Deck - 18' x 6' (5.5m x 1.8m)  
 Angle - 20° - 30°

### Tail Conveyor

Belt Width - 1500mm (4'11")  
 Discharge Height - 4599mm (15'1")

### Side Conveyors

Width - 800mm (2'8")  
 Discharge Height (adj) - 4500mm (14'9")

### Main Feed Conveyor

Belt Width - 1200mm (3'11")

### Tracks

Length - 3840mm (12'7")  
 Width - 400mm (1'4")

### Power Pack

Engine Power - CAT C4.4  
 Diesel Tank - 300Litre (66gal)  
 Hydraulic Tank - 460Litre (101gal)

### Performance

Capacity (up to) - 500T/hr

### Operating Dimension

Length - 19990mm (65'7")  
 Width - 19040mm (62' 6")  
 Height - 6625mm (21'9")  
 Weight - 39T (85,980lbs)

### Transport Dimension

Length - 18300mm (60')  
 Width - 3300mm (10'10")  
 Height - 3600mm (11'10")

### Options:

Dust Suppression, Canvas Covers,  
 Water Pump

\*Subject to change without prior notice.

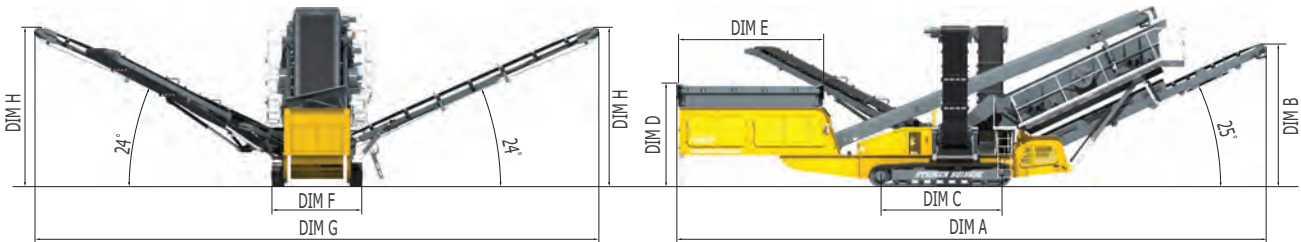
**Side Product Conveyors** - Any material not passing the bottom deck will be diverted onto the side discharge conveyors. Side conveyors consist of a 800mm (2'8") wide 3 ply conveyor belts fitted to a heavy duty folding conveyor frame. Side conveyors fold for transport by hydraulic means. All conveyors are fitted with chevron belts. The side product conveyors stack to a height of 4500mm (14'9") and are 19040mm (62'6") in total width from head drum to head drum.

**Screen Box** - 18ft x 6ft (5.5m x 1.8m) Triple Deck Vibrating Screen. The screen is set up to accept cross-tensioned. Bolt in hardox liners are provided in the feed area to protect the screen from erosion. The screen is isolated on coil springs, supported front and rear. The shaft drive is coupled to a hydraulic drive motor.

**Access Walkways** - Galvanised walkways give full access to all sides of the screenbox for ease of maintenance and screen mesh change, and do not require folding for transport.

**Power Pack** - The engine is a CAT C4.4 diesel engine. Engine diagnostics and readouts are displayed on the Plant Control Screen.

**Track Frame** - Manufactured from heavy-duty frame steel with 3840mm (12'7") longitudinal centres along with 400mm (1'4") wide tracks as standard with an overall track width of 3000mm (9'10").



SQ1863E	WORKING DIMENSIONS							TRANSPORT				
	A	B	C	D	E	F	G	H	WIDTH	HEIGHT	LENGTH	WEIGHT
METRIC	19990	4599	3840	3337	4697	3000	19040	4500	3300	3600	18300	39T
IMPERIAL	65' 7"	15' 1"	12' 7"	10' 11"	15' 5"	9' 10"	62' 6"	14' 9"	10' 10"	11' 10"	60'	85,980lbs

\* - Weight Variable With Options

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