



**STRIKER**  
20<sup>th</sup> ANNIVERSARY



**STRIKER SQ1863**



**JEBSEN & JESSEN**  
TECHNOLOGY | Dry Bulk

Proud Distributor in Indonesia



**TRACKED SCREEN**

# SQ1863 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 Feeder** - The belt feeder is 1200mm (3'11") 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.

**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.

**Remote Tipping Grizzly** - A 1050mm (3'5") wide belt feeder transfers material onto the screen feed conveyor.

**Track Frame** - Manufactured from heavy-duty frame steel with 3.8m (12'6") longitudinal centres along with 500mm (1'8") wide tracks as standard with an overall track width of 3m (9'10").

**Screen 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.

**Fines Product 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>)

**Screenbox**  
Top Deck - 18' x 6' (5.49m x 1.83m)  
Middle Deck - 18' x 6' (5.49m x 1.83m)  
Bottom Deck - 18' x 6' (5.49m x 1.83m)  
Angle - 20° - 30°

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

**Feeder Lift Product Conveyor**  
Width - 1200mm (3'11")

**Tracks**  
Length - 3800mm (12'6")  
Width - 500mm (1'8")

**Performance**  
Capacity (up to) - 500T/hr

**Power Pack**  
Engine Power - 96kW  
Diesel Tank - 400Litre (88gal)  
Hydraulic Tank - 500Litre (110gal)

**Operating Dimension**  
Length - 19990mm (65'7")  
Width - 19040mm (62' 6")  
Height - 6625mm (21'9")  
Weight - 36T (79,366lbs)

**Transport Dimension**  
Length - 18300mm (60")  
Width - 3100mm (10'2")  
Height - 3400mm (11'2")

**Options:**  
Dust Suppression, Canvas Covers,  
Water Pump

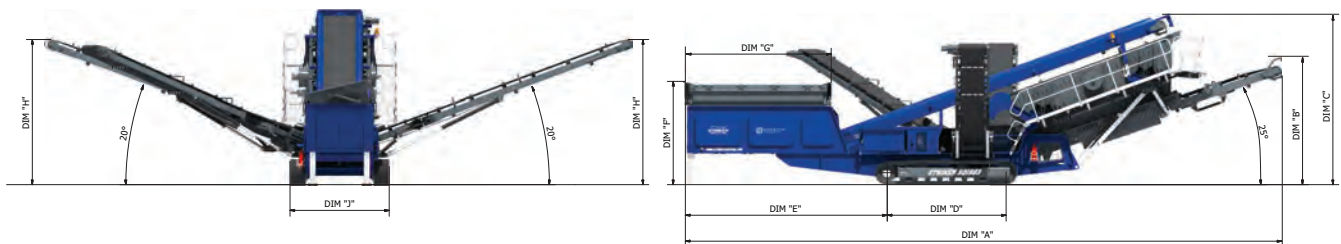
\*Subject to change without prior notice.

**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 4.5m (14'9") and are 19.04m (62'6") in total width from head drum to head drum.

**Screen Box** - 18ft x 6ft (5.49m x 1.83m) 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.

**Powerpack** - The engine is a CAT C4.4 diesel engine 96kW. Engine diagnostics and readouts are displayed on the Plant Control Screen. A 400-litre (88gal) fuel tank positioned in the chassis.



| SQ1863   | WORKING DIMENSIONS |        |        |        |        |        |        |        |       | TRANSPORT |        |        |           |
|----------|--------------------|--------|--------|--------|--------|--------|--------|--------|-------|-----------|--------|--------|-----------|
|          | A                  | B      | C      | D      | E      | F      | G      | H      | J     | WIDTH     | HEIGHT | LENGTH | WEIGHT    |
| METRIC   | 19990              | 4790   | 7230   | 3800   | 6625   | 3390   | 4800   | 4500   | 2920  | 3100      | 3400   | 18300  | 36T       |
| IMPERIAL | 65' 7"             | 15' 9" | 23' 9" | 12' 6" | 21' 9" | 11' 1" | 15' 9" | 14' 9" | 9' 7" | 10' 2"    | 11' 2" | 60'    | 79,366lbs |

\*- Weight Variable With Options

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