

Specification Sheet

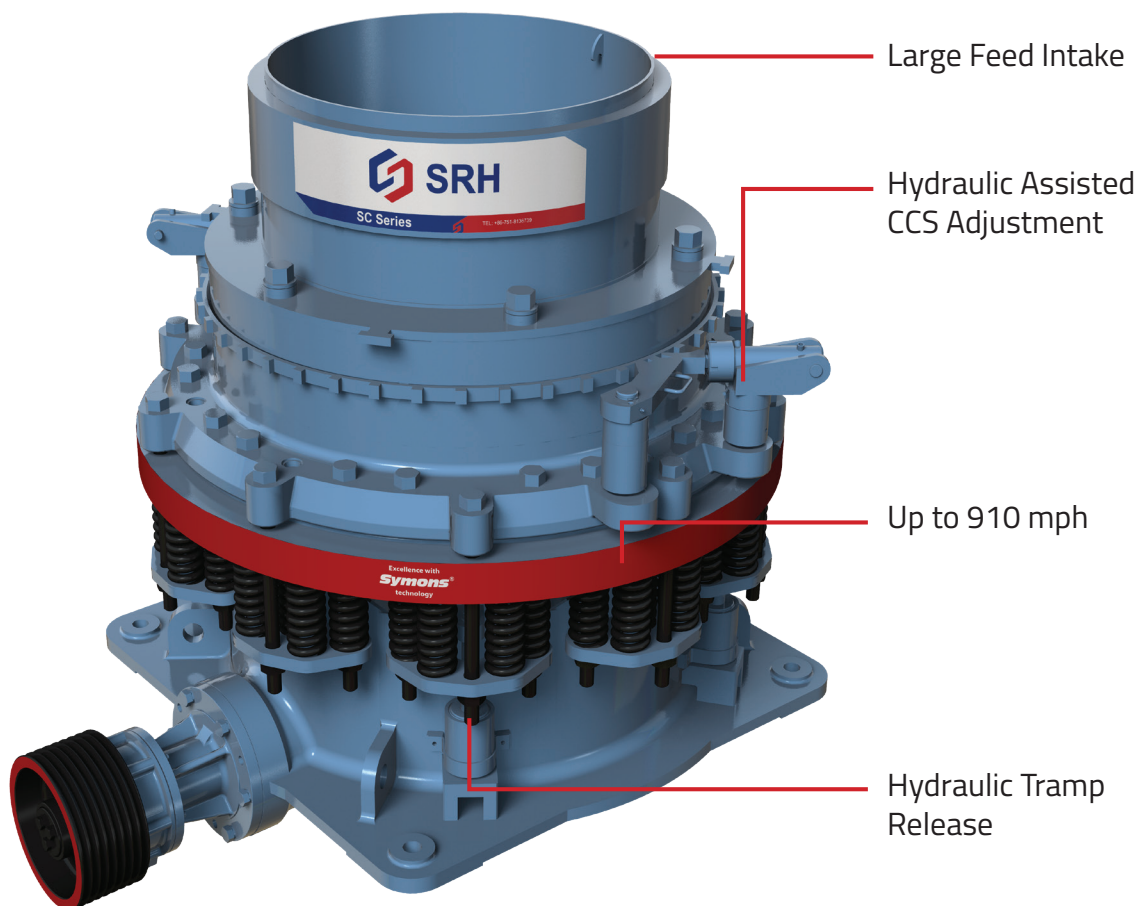
SC SERIES - SC220



The SC220 is an evolved and updated version of the legendary Symons 4¼" cone crusher.

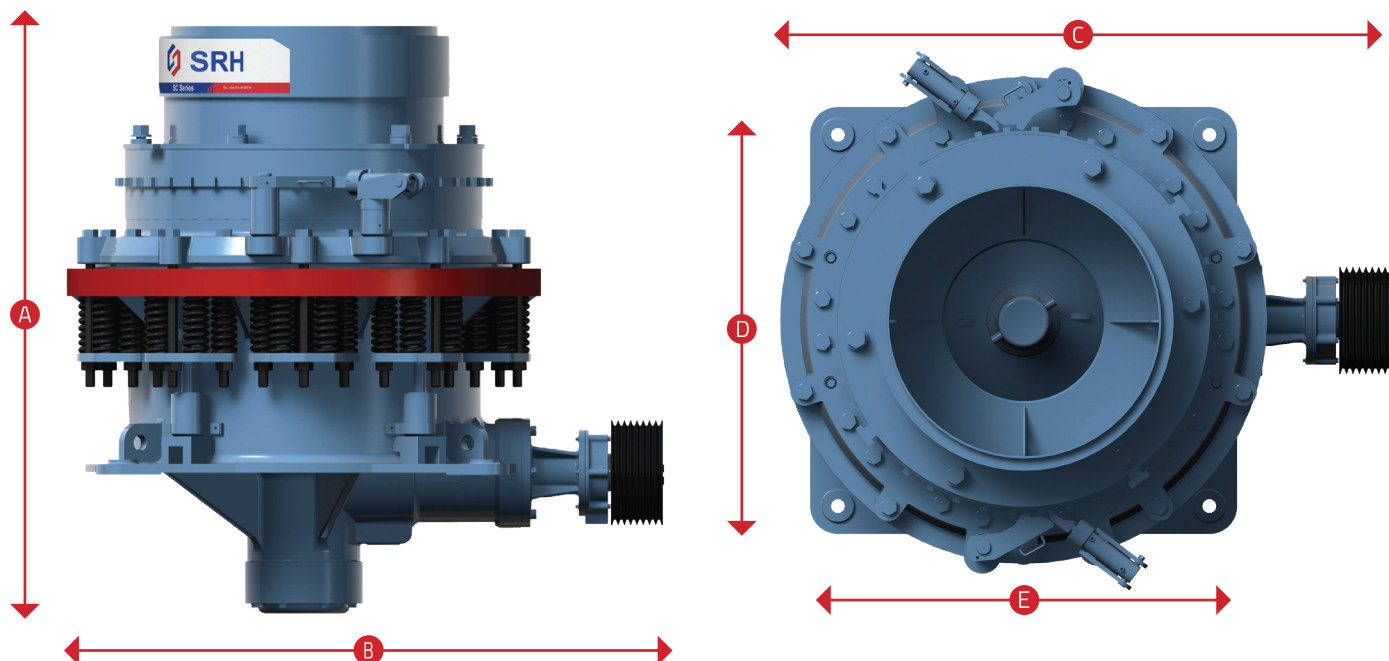
These cone crushers have the same footprint as the older 4¼" units measuring 2.9m (h) x 2.4m (w). These robust, heavy-duty crushers can handle **feed sizes up to 230mm with extra coarse cavity liners installed**. The minimum closed side setting (CSS) is 6mm, allowing a **throughput of 80–450mtp of product**. It features a **standard 220kW electric motor** and a Schneider electrical control panel.

Options include purchasing just the cone crusher, lube unit, motor, and control panel for replacing an existing Symons 4¼" crusher, or adding a sub-frame and/or a skid frame structure including a wraparound walkway and handrails for enhanced safety during operations and maintenance.



SC SERIES CONE CRUSHER SC220

DIMENSIONS



Technical Specifications

Capacity	80 - 450mtph
Max Feed Size	230 mm
CSS Range	6 - 50 mm
Installed Power	220kW
Transmission	Driven by V-belts
Adjustment Mode	Hydraulic Assisted Adjustment
Cavity Clearance	Hydraulic

Liner Profile Options - Max Feed Size

Extra Coarse	230
Coarse	210
Short Head	90

DIMENSIONS

A - Height	2920mm
B - Length	2860mm
C - Width	2400mm
D - Width	1765mm
E - Width	1765mm
Weight	26120 kgs approx.

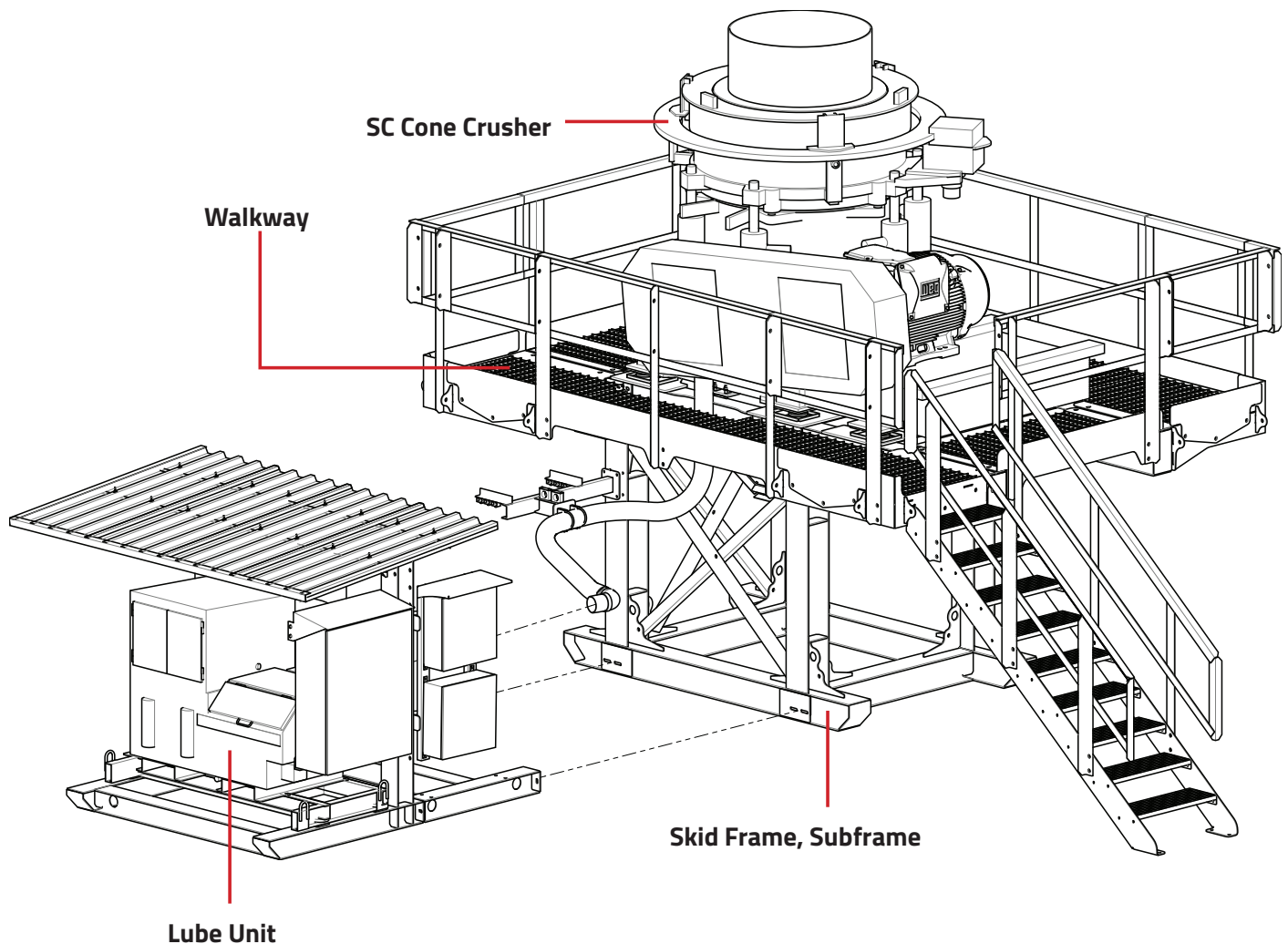
- **Capacity Range** 80 - 450 mtph
- **Feed Size** 230mm
- **CSS Range** Down to 6mm
- **220 kW** Electric motor included as standard
- **Optional** Subframe, skid frame with walkway and handrails

Please Note:

- All capacities quoted are provided as an application aid only. No performance guarantees are expressed or implied.
- Higher and lower capacities can be expected and will depend on many factors including:
 - Type of feed material
 - Shape of the material
 - Size and grading of feed material
 - Size and speed for rotor
- The rotor revolutions and size of the rotor will determine the speed at which the material leaves the rotor.
- The higher the rotor speed, the higher the reduction value.
- Maximum feed size is indicative and will depend on the type of rock, capacity and grading of the feed material.
- All dimensions are provided in millimeters (mm), and weights are expressed in metric tonnes.
- Weight includes basic crusher, motor and anchoring fixing, v-belts for drive, control cabinet, motor support, lubrication station with housing and fixing items.

SC SERIES CONE CRUSHER MODULE

SC220



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