

Specification Sheet

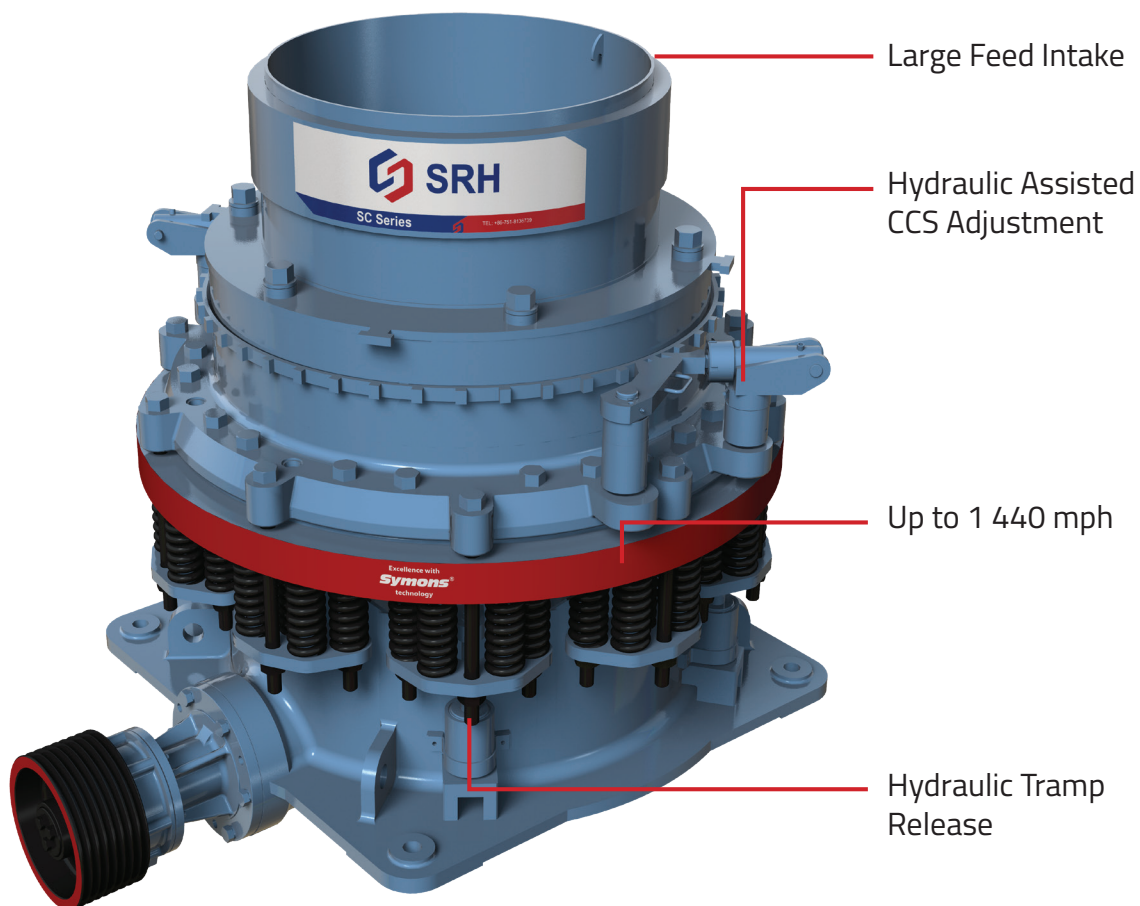
SC SERIES - SC400



The SC400 is an evolved and updated version of the legendary Symons 7" cone crusher.

These cone crushers have the same footprint as the older 7" units measuring 4.2m (h) x 3.2m (w). These robust, heavy-duty crushers can handle **feed sizes up to 360mm with extra coarse cavity liners installed**. The minimum closed side setting (CSS) is 10mm, allowing a **throughput of 300–1440mtph of product**. It features a **standard 450kW 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 7" crusher, or adding a sub-frame for a complete setup.



**Aggregate
Production**



**Manufactured
Sand**



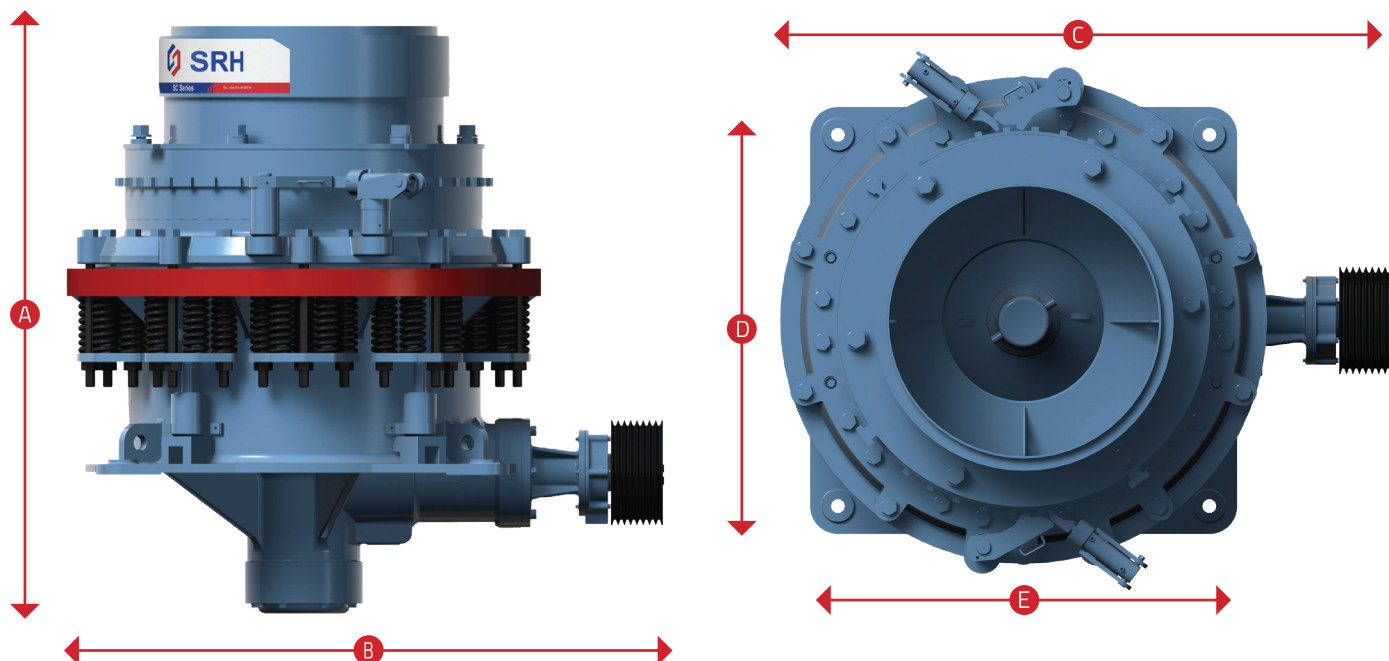
Recycling



**Mining / Mineral
Processing**

SC SERIES CONE CRUSHER SC400

DIMENSIONS



Technical Specifications

Capacity	300 - 1440 mtph
Max Feed Size	360 mm
CSS Range	10 - 80mm
Installed Power	450kW
Transmission	Driven by V-belts
Adjustment Mode	Hydraulic Assisted Adjustment
Cavity Clearance	Hydraulic

Liner Profile Options - Max Feed Size

Extra Coarse	360
Coarse	310
Short Head	130

DIMENSIONS

A - Height	4200mm
B - Length	4680mm
C - Width	4020mm
D - Width	2500mm
E - Width	2500mm
Weight	80 000 kgs approx.

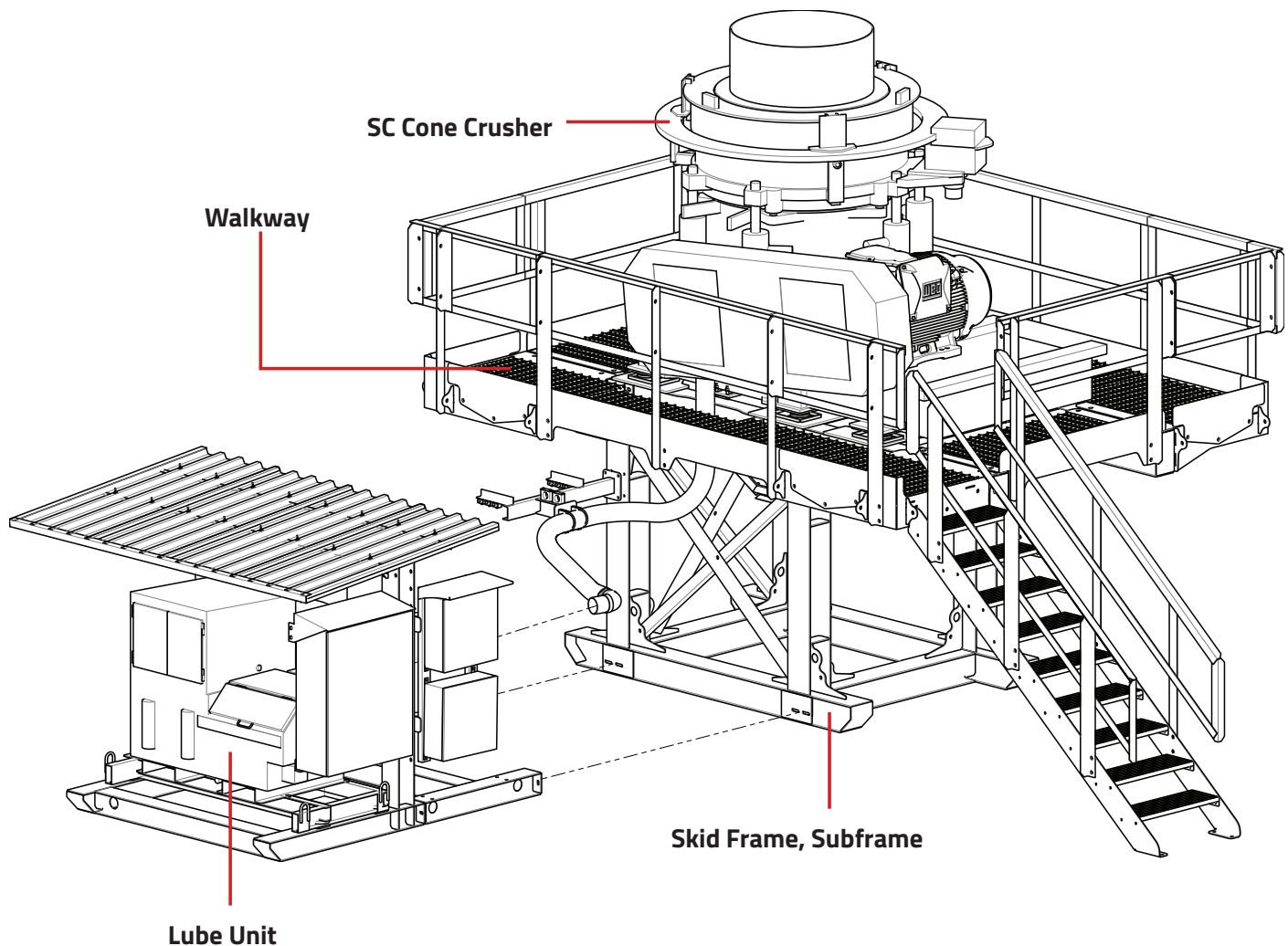
- **Capacity Range** 300 - 1 440 mtph
- **Feed Size** 360mm
- **CSS Range** 10 - 80mm
- **450 kW** Electric motor included as standard
- **Optional** Subframe & Skid available

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

SC400



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We offer spare and wear parts to all Athos products. Services are carried out by our professional trained personnel who work quickly to ensure maximum up time.

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