

Specification Sheet

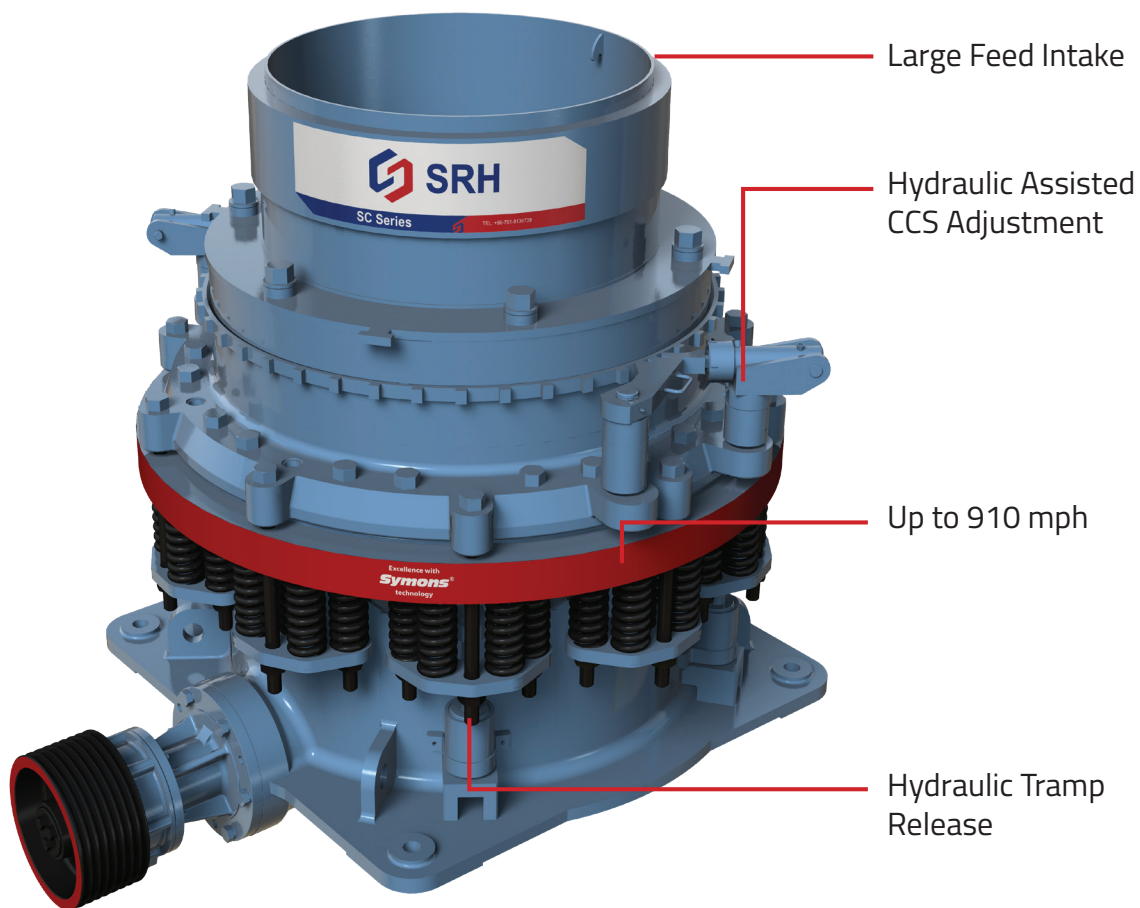
SC SERIES - SC320



The SC320 is an evolved and updated version of the legendary Symons 5½" cone crusher.

These cone crushers have the same footprint as the older 5½" units measuring 3.4m (h) x 3.8m (w). These robust, heavy-duty crushers can handle **feed sizes up to 320mm with extra coarse cavity liners installed**. The minimum closed side setting (CSS) is 9mm, allowing a **throughput of 180–910mtph of product**. It features a **standard 355kW 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 5½" 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.



Aggregate
Production



Manufactured
Sand



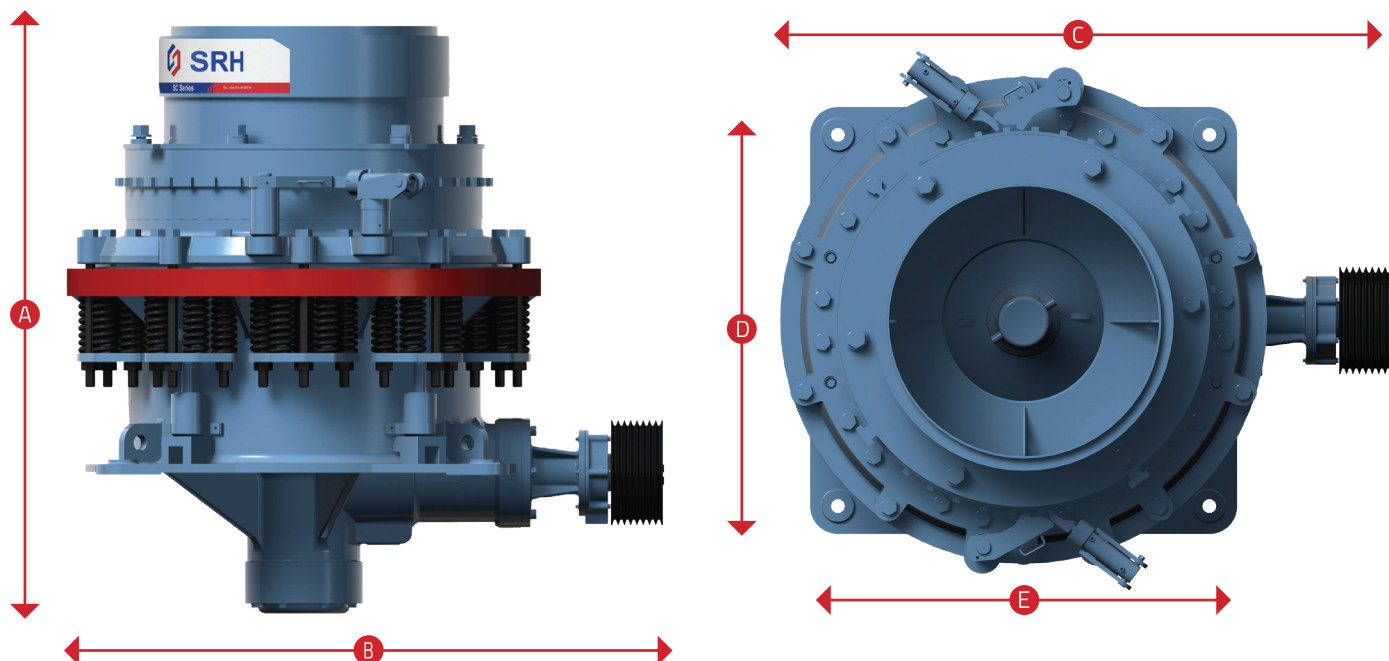
Recycling



Mining / Mineral
Processing

SC SERIES CONE CRUSHER SC320

DIMENSIONS



Technical Specifications

Capacity	180 - 910 mtph
Max Feed Size	320 mm
CSS Range	9 - 75 mm
Installed Power	355kW
Transmission	Driven by V-belts
Adjustment Mode	Hydraulic Assisted Adjustment
Cavity Clearance	Hydraulic

Liner Profile Options - Max Feed Size

Extra Coarse	320
Coarse	250
Short Head	100

DIMENSIONS

A - Height	3 447mm
B - Length	800mm
C - Width	200mm
D - Width	2100mm
E - Width	2100mm
Weight	50 000 kgs approx.

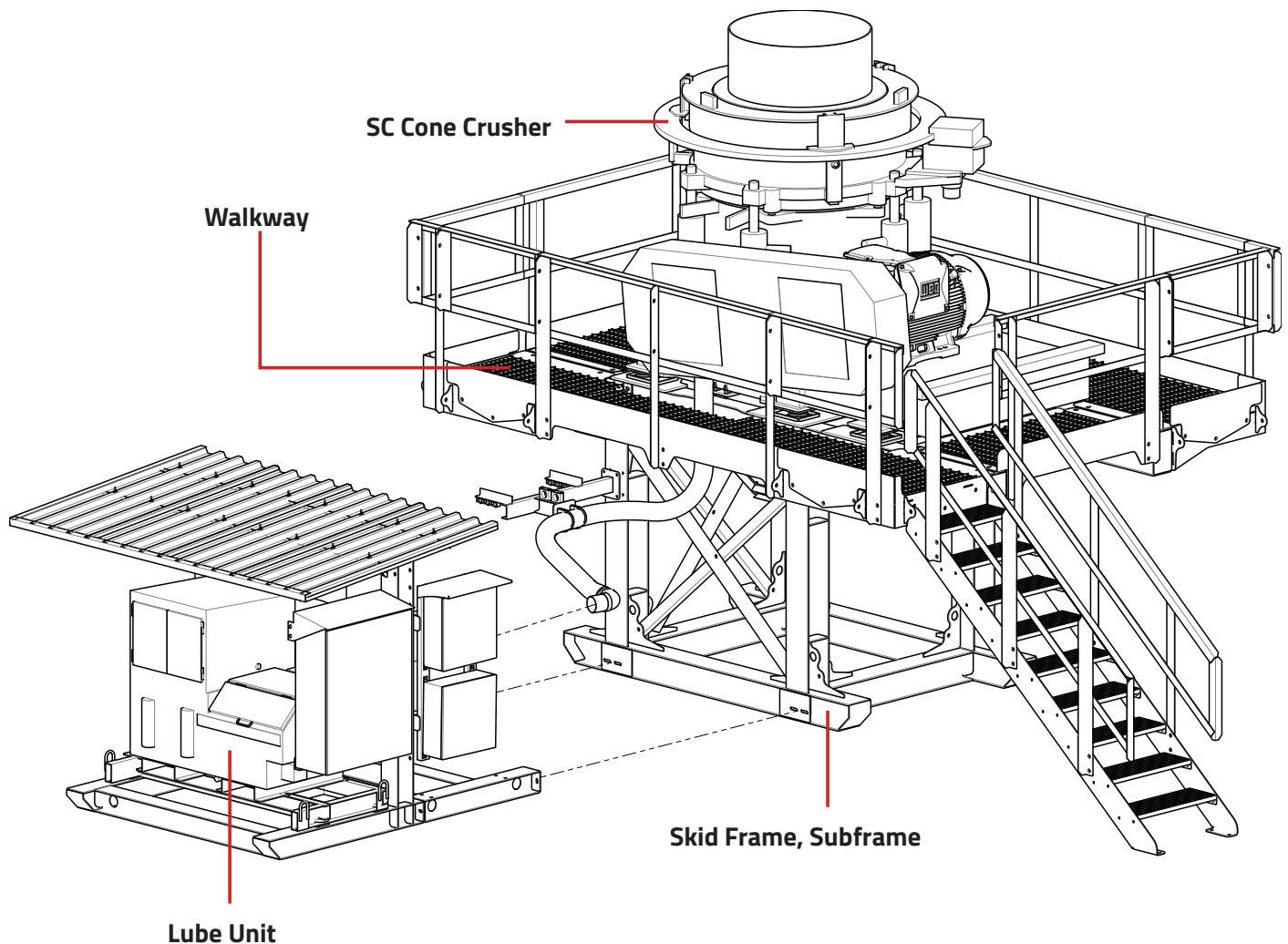
- **Capacity Range** 180 - 910 mtph
- **Feed Size** 320mm
- **CSS Range** Down to 9mm
- **320 kW** Electric motor included as standard
- **Optional** Subframe, skid frame with walkway and handrails

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

SC320



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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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www.athoscrushing.com | info@athoscrushing.com | +27 11 842 5800

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