

Specification Sheet

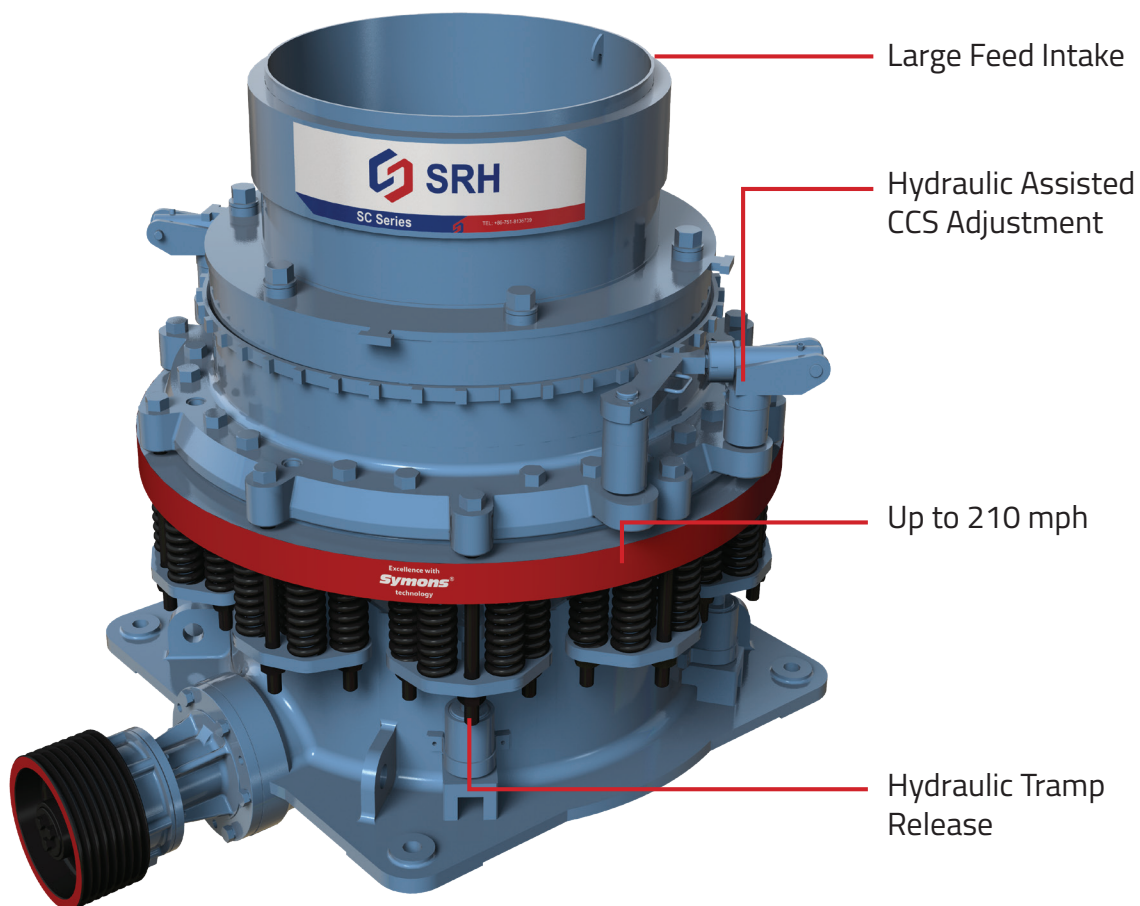
SC SERIES - SC110



The SC110 is an evolved and updated version of the legendary Symons 3" cone crusher.

These cone crushers have the same footprint as the older 3" units measuring 2.390m (h) x 2.260 (w). These robust, heavy-duty crushers **can handle feed sizes up to 190mm with extra coarse cavity liners installed**. The minimum closed side setting (CSS) is 5mm, allowing a **throughput of 40–210mtp of product**. It features a standard **110kW 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 3" 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**



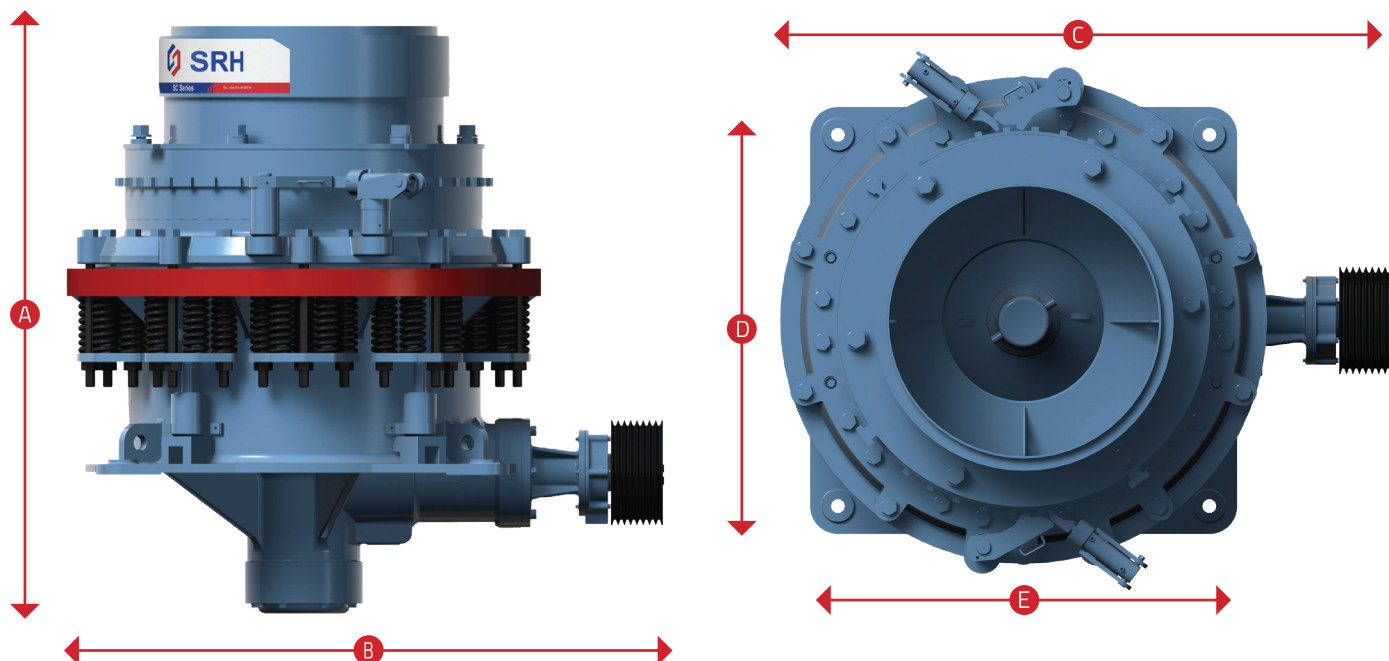
Recycling



**Mining / Mineral
Processing**

SC SERIES CONE CRUSHER SC110

DIMENSIONS



Technical Specifications

Capacity	40 - 210 mtph
Max Feed Size	190 mm
CSS Setting	5-45 mm
Installed Power	110kW
Transmission	Driven by V-belts
Adjustment Mode	Hydraulic Assisted Adjustment
Cavity Clearance	Hydraulic

Liner Profile Options - Max Feed Size

Extra Coarse	190
Coarse	170
Short Head	65

DIMENSIONS

A - Height	2390mm
B - Length	2260mm
C - Width	1848mm
D - Width	1370mm
E - Width	1370mm
Weight	12 500 kgs approx.

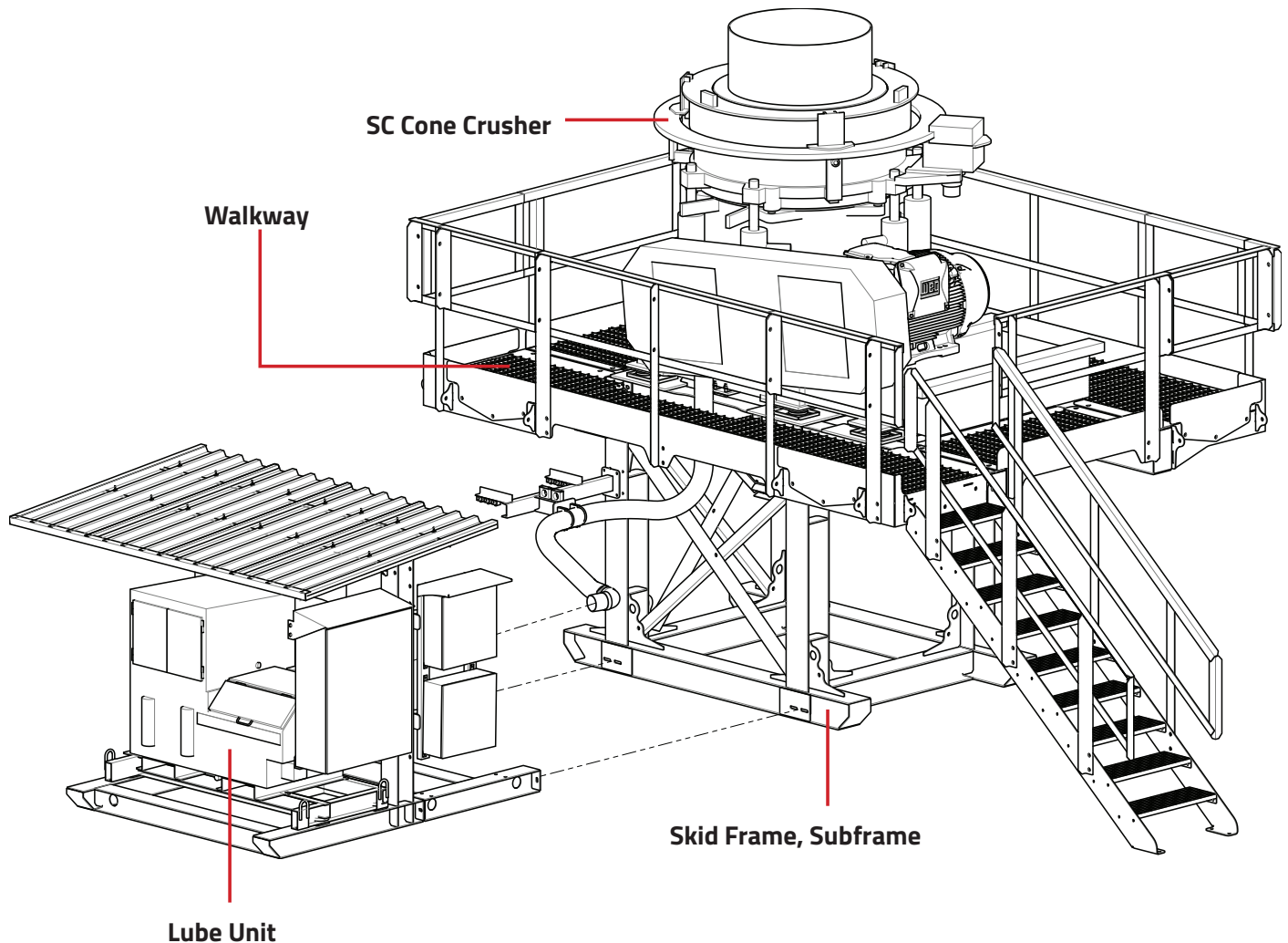
- **Capacity Range** 40 - 210 mtph
- **Feed Size** up to 190mm
- **CSS Range** 5 - 45mm
- **110 kW** Electric motor included as standard
- **Optional** Subframe & Skid available

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

SC110



ATHOS SUPPORT SERVICES

Athos is dedicated to adding value to your business wherever we can.

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.

Speak to Athos today to enquire about availability on spare and wear parts on your SRH SC Series cone crushers.

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

All reasonable steps have been taken to ensure the accuracy of the publication, however, due to Athos Crushing and Screening Pty Ltd's policy of continual product development, we reserve the right to make changes in specifications shown herein or improvements at any time without notice or obligation. All capacities and feed sizes are provided as an application aid only. No warranties are expressed or implied.