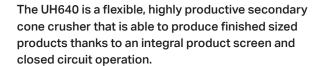


UH640 CONE CRUSHER PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION



Designed to function in open or closed circuit for flexible and productive operation, it features the market leading Sandvik CH660 cone crusher which comes with a choice of mantles and settings making it suitable for a wide range of applications worldwide.

KEY BENEFITS

- The CH660 cone crusher is ideal for secondary and tertiary crushing, yet is compact, and possesses an easy to service design that is ideal for use as a fully tracked crushing system.
- The CH660 cone possesses a hydraulically adjusted Closed Side Setting and has a choice of several different crushing chambers and many other high performance features.
- ASRi allows for the full utilisation of the crusher liners and accurately scheduled liner replacements to coincide with planned maintenance stops.

- ASRi also assists in keeping the crusher choke fed for maximum "rock-on-rock" crushing in order to optimise the quality of the final product.
- The design of the machine results in the ability to produce two products, plus one fines product (second product conveyor and N.F.-conveyor is optional equipment).
- Metal detector fitted on the feeding conveyor.
- Manoeuvred by radio remote control and has a cable remote control for back-up.
- Discharge conveyor fitted with impact bars situated under the crusher together with belt scale and rollers.
- Advanced process automation is facilitated by an interlocking process.
- Easily adapted for connection to mains electrical supply.
- Platforms around crusher, screen and power pack provide excellent access for inspections service and maintenance.
- The design and manufacture of the Sandvik UH640 complies with all the directives required for CEmarking. The diesel engine complies with EU and US Emission regulation norms.



KEY SPECIFICATIONS	UH640
Feed station	
Feeder Feeder conveyor Hopper volume NF screen	SP1020H 1200mm x 7.7m / 48" x 25'8" 3 m ³ SS1013H
Crusher	
Type Drive	Sandvik CH660 From electric motor 315kW, 50 Hz squirrel cage type
Discharge conveyor	
Belt length Belt width	13.9 m / 45.6′ 1200 mm / 3.9′
Screen unit (closed circuit)	
Screen Product conveyor 1 Product conveyor 2 Return conveyor	SS1443 1000mm x 8,5 m / 40" x 28'4" 800mm x 8m / 32" x 26'8" (option) 800mm x 10m / 32" x 33'4"
On-board power pack	
Diesel engine Alternative Generator Fuel tank volume Main voltage Control voltage	Volvo TAD 1642 GE 600 kVA CAT C18 594 kVA Stamford 3100 dm³ / 666 US gallons detachable fuel tank 400V / 50Hz / 3-phase a.c. 230V / 50Hz / 1-phase a.c.
Hydraulic system	
System	Hydraulics for crawlers and support legs

KEY SPECIFICATIONS	UH640
Crawler tracks	,
Type Length c/c Track shoe width Hydraulic pumps driven by	Track One 4040mm / 13' 4" 500mm / 19.5" 1 x 110kW electric motor
Operating Dimensions	
Height Width Length	6.2 m / 20.3' 4.5 m / 14.8' 31.4 m / 103'
Transport Dimensions (in 3 parts)	
Part no.1 height (excl trailer) Part no.1 width Part no.1 length Part no.2 height (excl trailer) Part no.2 width Part no.2 width Part no.2 length Part no.2 length Part no.3 height (excl trailer) Part no.3 height (excl trailer) Part no.3 width Part no.3 width Part no.3 length Part no.3 weight	3.85 m / 12.6' 3.5 m / 11.5' 14.8 m / 48.6' 64 mton / 71 ston 3 m / 9.8' 3.05 m / 10' 4.5 m / 14.8' 8 mton / 9 ston 2.8 m / 9.2' 3.05 m / 10' 7.9 m / 25.1' 12 mton / 13 ston
Performance	
Max feed size Capacity (up to) Travelling speed Max slope climbing	235mm / 9 1/3" 500mtph / 550stph 1.2 km/h Approx. 20°

Note. All weights and dimensions are for standard units only

OPTIONS

Belt scale on discharge conveyor
Electrical power outlet 125A
Diesel driven heating for engine and lubrication oil
Synthetic oil for CH 660
Removable sidewall extension on feed hopper (Width 4,0 m.
Volume 12 m3)
Extra mast with flood lights
Electric conveyor heating
Dust filter

Product conveyor no.2 (800mm x 8m)
Belt scale
Preparation for connection to mains supply
Oil bath air filter pre-cleaner
Electrical Heating Feeder SP1020 and Hopper
Product screen SS 1823 instead of SS 1443 (Standard)
NF conveyor incl. Support (8m x 650mm)

