

UH640 CONE CRUSHER PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The UH640 is a flexible, highly productive secondary cone crusher that is able to produce finished sized products thanks to an integral product screen and closed circuit operation.

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 CE-marking. The diesel engine complies with EU and US Emission regulation norms.



KEY SPECIFICATIONS	UH640
Feed station	
Feeder	SP1020H
Feeder conveyor	1200mm x 7.7m / 48" x 25'8"
Hopper volume	3 m ³
NF screen	SS1013H
Crusher	
Type	Sandvik CH660
Drive	From electric motor 315kW, 50 Hz squirrel cage type
Discharge conveyor	
Belt length	13.9 m / 45.6'
Belt width	1200 mm / 3.9'
Screen unit (closed circuit)	
Screen	SS1443
Product conveyor 1	1000mm x 8,5 m / 40" x 28'4"
Product conveyor 2	800mm x 8m / 32" x 26'8" (option)
Return conveyor	800mm x 10m / 32" x 33'4"
On-board power pack	
Diesel engine	Volvo TAD 1642 GE 600 kVA
Alternative	CAT C18 594 kVA
Generator	Stamford
Fuel tank volume	3100 dm ³ / 666 US gallons
Main voltage	detachable fuel tank
Control voltage	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	Track One
Length c/c	4040mm / 13' 4"
Track shoe width	500mm / 19.5"
Hydraulic pumps driven by	1 x 110kW electric motor
Operating Dimensions	
Height	6.2 m / 20.3'
Width	4.5 m / 14.8'
Length	31.4 m / 103'
Transport Dimensions (in 3 parts)	
Part no.1 height (excl trailer)	3.85 m / 12.6'
Part no.1 width	3.5 m / 11.5'
Part no.1 length	14.8 m / 48.6'
Part no.1 weight	64 mton / 71 ston
Part no.2 height (excl trailer)	3 m / 9.8'
Part no.2 width	3.05 m / 10'
Part no.2 length	4.5 m / 14.8'
Part no.2 weight	8 mton / 9 ston
Part no.3 height (excl trailer)	2.8 m / 9.2'
Part no.3 width	3.05 m / 10'
Part no.3 length	7.9 m / 25.1'
Part no.3 weight	12 mton / 13 ston
Performance	
Max feed size	235mm / 9 1/3"
Capacity (up to)	500mtph / 550stph
Travelling speed	1.2 km/h
Max slope climbing	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)