

UH640 cone crusher unit

in Action

Technical specification sheet



- The UH640 Classic is designed to function in open or closed circuit for flexible and productive operation.
- Comes equipped with Sandvik CH660 cone crusher. This cone has a wide variety of uses, for varying applications, as the cone can easily be matched to changes in production through the proper selection of crushing chamber and eccentric throw.
- The CH660 cone crusher is ideal for secondary and tertiary crushing, yet is compact, and possess an easy to service design that is ideal for use as a fully tracked crushing system.
- The CH660 cone possesses hydraulically adjusted Closed Side Setting, together with the option of automation, a choice of several different crushing chambers, and many other high performance features.
- Optional 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.
- The entire machine may be manoeuvred by radio remote control.
- Discharge conveyor fitted with impact bars situated under the crusher together with belt scraper and guiding rolls.
- 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 and maintenance.
- Emergency stop buttons are situated throughout the machine.
- The design and manufacture of the Sandvik UH640 complies with ISO 9001, and all the directives required for CE-marking. The diesel engine complies with EU and US Emission regulation norms.

Technical specifications

	Sandvik UH640
Operation	
Height	6.2m / 20.3'
Width	4.5m / 14.8'
Length	31.4m / 103'
Transport (in 3 parts)	
Part no.1 height (excl trailer)	3.85m/12.6'
Part no.1 width	3.5m/11.5'
Part no.1 length	14.8m/48.6'
Part no.1 weight	64mton/71ston
Part no.2 height (excl trailer)	3m/9.8'
Part no.2 width	3.05m/10'
Part no.2 length	4.5m/ 14.8'
Part no.2 weight	8mton/9ston
Part no.3 height (excl trailer)	2.8m/9.2'
Part no.3 width	3.05m/10'
Part no.3 length	7.9m/25.1'
Part no.3 weight	12mton/13ston
Feed station	
Feeder	SP1020H
Feeder conveyor	1200mm x 7.7m / 48" x 25'8"
Hopper volume	3m3
NF screen	SS1013H
Crusher	
Type	Sandvik CH660
Drive	From electric motor 315kW, 50 Hz squirrel cage type
Discharge conveyor	
Belt length	13,9m / 45.6'
Belt width	1200 mm / 3.9'

Options

CM4	Dust filter
CM5A	NF conveyor 8m x 650mm
CM10	Belt scale for product conveyor 1
CM18	Diesel driven heater for the engine
CM21	Synthetic oil for the CH660
CM24	ASRi

	Sandvik UH640
Screen unit (closed circuit)	
Screen	Sandvik SS1823 3D
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	CAT C18 594 KVA
Alternative	Volvo TAD 1642 GE 600 kVA
Generator	Stamford
Fuel tank volume	3100dm3 / 666 US gallons detachable fuel tank
Main voltage	400V/50Hz / 3-phase a.c.
Control voltage	230V/50Hz / 1-phase a.c.
Hydraulic system	
System	Hydraulics for crawlers and support legs
Crawler tracks	
Type	CAT 330
Length c/c	4040mm / 159"
Track shoe width	500mm / 19.5"
Hydraulic pumps driven by	1 x 110kW electric motor
Performance	
Max. feed size	235mm / 9 1/3"
Capacity (up to)	500mtph / 550stph
Traveling speed	1,2 km/h
Max. slope-climbing capability	Approx. 20°

CM32	Feed hopper extension
CM33	Extra mast with flood lights.
CM34	Electric conveyor heating (per pce)
CM40	Product conveyor 2 800mm x 8m (product conv 1 is included as standard)
CM40A	Belt scale for product conveyor 2

The units depicted show all options currently available, and the colour scheme reflects the eventual scheme to be used. Current models may differ from those featured in this brochure. Please contact Sandvik to clarify specification and options. The material in this brochure is of general application for information and guidance only, and no representation or warranty is made or given by the manufacturer that its products will be suitable for a customer's particular purpose and enquiry should always be made of the manufacturer to ensure such suitability. Whilst reasonable efforts have been made in the preparation of this document to ensure its accuracy, the manufacturer assumes no liability resulting from errors or omissions in this document, or from the use or interpretation of the information contained herein. The manufacturer reserves the right to make changes to the information in this brochure and the product design without reservation and without notification to users.

SANDVIK MINING AND CONSTRUCTION (UK) HEARTHCOTE ROAD SWADLINCOTE DERBYSHIRE DE11 9DU ENGLAND
 TEL +44 (0)1283 212121 FAX +44 (0) 1283 217342 mobilecs.smc@sandvik.com www.miningandconstruction.sandvik.com

