



UH440E MOBILE UNIT PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The Sandvik UH440E is an electrically powered track-mounted complete process machine with a cone crusher and screens onboard. Aimed at the demanding quarry operator, construction company or contractor working with highly abrasive secondary and tertiary applications, the UH440E features the Sandvik CH440 cone crusher, renowned for its strength and reliability, and is capable of achieving high productivity at an excellent reduction ratio and cubicity with high capacity due to its advanced pre-separation system.

KEY BENEFITS

- Sandvik CH440 cone crusher, available with a choice of six mantles (F, MF, M, MC, E, EC) and 8 different eccentric throw settings spanning from 16mm to 44mm, makes this a highly versatile machine.
- Sandvik SS1443 Free Flow screen with optional triple deck product screen SS1823. It can be configured to separate undersize into either one or two fractions and is available with a choice of screen media.
- Sandvik SP1020H heavy duty pan feeder designed for efficient, high capacity feeding with low liner wear.
- Sandvik pre-screen SS1013H with triple deck, available with a choice of screen media.
- Radio remote control for starting, stopping and tracking the equipment.
- The crusher is fitted with an intelligent ASRi system, which monitors and automatically regulates the close side setting.
- ASRi is integrated with the PLC control screen which is easy to operate and available in several languages.
- The UH440E is transported in three separate sections which are easily put together on site and tracked via radio remote control.
- Metal detector on feed conveyor for the protection of the crusher.
- The unit is fully automated and is easily interlocked with other crushing units.



KEY SPECIFICATIONS	UH440E
Transport Dimensions	
Part 1	
Length	14.8 m / 48.6'
Width	3.5 m / 11.5'
Height	3.85 m / 12' 5½"
Weight	57 mton / 63 ston
Part 2	
Length	4.5 m / 14.8'
Width	3.05 m / 10'
Height	3.0 m / 9.8'
Weight	8 mton / 9 ston
Part 3	
Length	7.9 m / 25.1'
Width	3.05 m / 10'
Height	2.8 m / 9' 2"
Weight	12 mton / 13 ston
Total weight	77 mton / 85 ston

KEY SPECIFICATIONS	UH440E
Operating dimensions	
Length	31.4 m / 103'
Width	4.5 m / 14.8'
Height	6.2 m / 20' 4"
Equipment	
Crusher	Sandvik CH440
Feeder	Sandvik SP 1020 H
Pre screen	Sandvik SS 1013 H
Screen	SS1443
Capacity	350 mtph / 385 stph
Electric motor	200 kW / 268 hp
Generating set	600 kVA
Engine	Volvo TAD 1642 GE diesel generator

Note. All weights and dimensions are for standard units only

OPTIONS

Overband magnet
 Belt scale on discharge conveyor
 Electrical power outlet 125A
 Diesel driven heater for the engine
 Synthetic oil for CH440
 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 (800 mm x 8 m)
 Belt scale for product conveyor 2
 Preparation for connection to mains supply
 Electrical heating feeder SP1020 and hopper
 Product screen SS 1823 instead of SS 1443 (standard)
 NF conveyor incl. support (8 m x 650 mm)