



UH430E WHEELED UNIT PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The Sandvik UH430 is an electrically powered mobile crushing and screening unit mounted on a wheeled chassis. Featuring the proven reliability of the CH440 cone crusher from Sandvik, it offers exceptional rates of throughput at a low cost per tonne.

Aimed at the demanding quarry operator, construction company or contractor in need of high quality and productivity, this unit is ideal for tertiary crushing and screening but can also be used in secondary crushing and screening applications. Trouble free optimal production is made possible by on board high level Intelligence together with ASRi (Automatic Setting Regulation), which monitors and automatically regulates the closed side setting.

KEY BENEFITS

- Sandvik CH440 cone crusher, available with a choice of six different crushing chambers (F, MF, M, MC, E, EC), together with eight different bush settings, ranging from 16 mm to 44 mm, which make it one of
- the most versatile cone crushers in the market today.
- Sandvik SS1013H pre screen, available with a choice of screen media
- Sandvik SF1843 product screen, working under the “free classifying” principle, where the stroke is perpendicular to the flow. This results in maximum utilisation of surface and highly efficient screening.
- 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 closed side setting
- The UH430 is transported in two 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	UH430E
Feed station	
Feeder	SP 0830 -2 x 2.3 kW
Feeder conveyor	1200 mm x 9.7 m / 48" x 31.8'
Hopper volume	5 m ³ / 177 ft ³
Natural fines screen	SS1013H
Crusher	
Type	Sandvik CH440
Drive	From electric motor 200 kW, 50 Hz squirrel cage type
Screen unit	
Screen	Sandvik SF1843 3D
Conveyors	
Feed conveyor belt	10.6 m / 800 mm 34' 10" / 2' 8"
Rear conveyor	9.5 m / 800 mm 31' 2" / 2' 8"
Product conveyor (x3)	8 m / 650 mm 26' 3" / 2' 2"
Feed conveyor	9 m / 650 mm 29' 7" / 2' 2" (external to crusher)
Natural fines conveyor	8 m / 500 mm 26' 3" / 1' 8"
Hydraulic system	
Foldable grizzly	400 V / 4 kW Hydraulic power pack
Foldable conveyors, support legs	400 V / 4 kW

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Running gear	
Type	King-pin 3½" or 2" Air brakes and running lights
Part no.1:	Leaf-sprung 3-axle bogie, 6 tyres 385 / 65R / 22,5
Part no.2:	Leaf-sprung 2-axle bogie, 4 tyres 385 / 65R / 22,5
Required power	
Generator	400 V / 240 V 50 Hz
Operating dimensions	
Length	32 m / 105'
Width	16 m / 52' 6"
Height	6.9 m / 22' 8"
Transport dimensions	
Part 1	
Length	16.7 m / 54' 10"
Width	3.0 m / 9' 10"
Height	4.46 m / 14' 8"
Weight	49.7 mton / 54.7 ston
Part 2	
Length	15 m / 49' 3"
Width	3.0 m / 9' 10"
Height	4.46 m / 14' 8"
Weight	26.6 mton / 29.2 ston

Note. All weights and dimensions are for standard units only

OPTIONS

Belt scale for the feed conveyor
 Electrical heating for feeder and feed hopper
 Electric heaters under the feed conveyor and 0-fractions conveyor
 Dust filter for feed conveyor
 Flood lights on illumination mast
 Natural fines conveyor 8 m x 650 mm
 Start siren
 Electrical power outlet 125A
 Lifting lug on chassis for shipping