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 m³ / 177 ft³
- **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
- **Foldable conveyors, support legs**: 400 V / 4 kW

### 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

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**Note**: All weights and dimensions are for standard units only.

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**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

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