The UH412 is a secondary crushing unit fully assembled on a single trailer frame consisting of a CS126 four deck vibrating screen and CH440 cone crusher.

The Sandvik Hydrocone crusher used on UH412 is an advanced design, capable of high capacity operation and high reduction efficiency; the hydraulically-adjusted settings, choice of different crushing chambers and throws plus many high performance features ensure the UH412 is versatile, user friendly and highly productive. The compact and easy-to-service design makes it the perfect choice for mobile installations.

**KEY BENEFITS**

- Combined with the large screen the UH412 is ideal for secondary/tertiary crushing.
- The Cone Crusher can be fed by three ways
  - From the Top and Second Deck of the Screen
  - From the Top Deck of the Screen. Second deck material to by-pass the crusher, fully or partially, as product.
  - From the previous crusher feed belt conveyor
- This unit has been designed to produce 1-4 products depending on the customer’s requirements.
- The operator’s platform has handrails and access ladder from the ground.
- Compact design and easy access to all equipment.
- Safety guards are fitted over the crusher drive.
- Mechanical Landing Gear provided for easy and quick displacement between job sites.
- All the feed, discharge and connection chutes are robust constructions, made of steel plate with liners.
- Self-contained electrical switchgear cabinet on board for power distribution to all of the motors as well as the feed and product conveyors. Soft starter provided for starting of the crusher. A junction electrical box is wired on board.
- Emergency stop push buttons are provided at appropriate places.
### Key Specifications UH412

#### Screen
- **Screen type**: Sandvik CS126 Q circular motion
- **Screen size**: 2100mm x 6000mm
- **No of deck**: Four deck
- **Drive**: Electric motor 30 kW

#### Crusher
- **Cone**: Sandvik CH440
- **Feed opening**: 215 mm / 8 ¼"
- **CSS range**: 8 - 48 mm / 5/16" - 1 ⅞"
- **Crusher weight**: 14,300 kg / 31,526 lbs
- **Drive**: From electric motor 220 kW, 50 Hz, squirrel cage type.

#### Power system
- All electrics are intended for connection to a mains supply.
- **Total power**: 261.5 kW
- **Supply voltage**: 415 V-50 Hz/ 3-phase AC
- **Control voltage**: 220 V-50/ 3-phase AC
- If powered by a genset at least 750 KVA is required.

#### Running gear
- **2" King-Pin, Triple Axle bogie with air-brakes and running lights. Tyres 11" x 20"**

#### Operating Dimensions
- **Height**: 8.00 m / 26’ 3”
- **Width**: 4.30 m / 14’ 2”
- **Length**: 14.50 m / 47’ 7”

#### Transport Dimensions
- **Height**: 5.40 m / 17’ 9”
- **Width**: 3.20 m / 10’ 6”
- **Length**: 14.90 m / 48’ 11”
- **Weight**: 51.0 tons / 56.0 st

#### Performance
- **Max feed size to crusher**: 215 mm / 8 ½"
- **Max feed size to screen (gravel)**: 150 mm / 5 9/16"
- **Max feed size to screen (crushed)**: 120 mm / 4.7"
- **Capacity (up to)**: 300 mtph

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