



# Sandvik UH412

## Wheeled cone unit

The UH412 is a secondary/tertiary crushing unit fully assembled on a single trailer frame. Featuring the highly reliable and productive CH440 cone crusher and new SA2164 four deck vibrating screen for increased screening accuracy and efficiency, this model has been designed to offer high-end productivity processing 1- 4 products at a low cost-per-tonne.



### Key benefits

#### Reliability

- Market leading Sandvik CH440 cone for strength and high performance
- All onboard components are electrically driven giving reliability and minimal maintenance
- Heavy duty chassis beams, strength analysis on structural parts and quality components for durability
- Capable of operating in the most hostile environments

#### Productivity

- Large feed opening for increased intake ability and reduced bridging
- Cone crusher unibody mainframe ensures optimal strength and less maintenance
- Hydraulic cone Hydroset™ setting (CSS) and overload protection for maximum uptime
- Constant Liner Performance (CLP) crushing chambers permits constant feed acceptance capability, increased output, high quality products and increased liner life
- Choice of several chambers, throws and settings for a wide range of applications, enabling fine tuning to your specification and improved capacity
- New SA screen with improved performance and screening accuracy, built for durability and ease of operation
- Simple and efficient operation with soft starting crusher for trouble free operation

#### Cost of ownership

- Low cost-per-tonne due to electric operation
- Quick to set-up and easy to maintain, resulting in more uptime and higher productivity

#### Safety

- Removable electrical control panel can be located on the ground during operation
- New screen has been designed for enhanced safety with a protected steel coil spring and PU end cup as standard
- Crusher mounted safety guards and multiple emergency stop buttons for safe operation
- Maintenance platforms with handrails and access ladders provide excellent access for service and maintenance

#### Sustainability

- Low emissions due to electrical operation, reducing CO<sub>2</sub> emissions
- Quality components ensure longer lifetime and support optimized service and maintenance

#### Support

- Extensive distributor, sales and service network

## Technical specification

Key specifications	UH412
<b>Screen</b>	
Type	Sandvik SA2164 circular motion
Decks	4 deck
Size	2134 mm x 6096 mm / 7' x 20'
Drive	Electric motor 30 kW
<b>Crusher</b>	
Type	Sandvik CH440 cone
Adj type	Hydraulic
CSS range	8 - 48 mm / 5/16" - 1 7/8" *
ASRi	Optional
Drive	Electric motor 220 kW, 4 pole

Key specifications	UH412
<b>Power system</b>	
All electrics are intended for connection to a mains supply	
Total power	278.5 kW
Supply voltage	415-50 Hz / 440V-60 Hz / 3-phase a.c.
Control voltage	220 V-50 / 60 Hz / 3-phase a.c.

<b>Running gear</b>	
Type	2" / 3 1/2" King-pin, triple-axle bogie with air-brakes, ABS and running lights. Tyres 11" x 20" - 16 ply lights

If powered by a genset at least 750 KVA is required

<b>Transport dimensions main unit</b>	
Length	14.24 m / 46.72'
Width	3.0 m / 9.84'
Height	4.08 m / 13.38'
Standard weight	33,800 kg / 74,516 lbs

<b>Screen unit (transported separately)</b>	
Length	9.14 m / 29.98'
Width	3.16 m / 10.36'
Height	3.96 m / 13'
Standard weight	17,965 kg / 39,606 lbs

<b>Operating dimensions</b>	
Length	14.52 m / 47.63'
Width	5.13 m / 16.83'
Height	7.92 m / 25.98'

<b>Performance</b>	
Max feed size	250 mm / 9.84"
Capacity (up to)	300 mtph / 330 stph *

Note. All weights and dimensions are for standard units only

## Standard specification

- Self contained electrical switchgear cabinet with soft starter
- Maintenance platform with handrails and access ladder
- Safety guards to crusher drives
- Emergency stop buttons

- 2" / 3 1/2" King-pin, triple-axle bogie with air-brakes, ABS and running lights.  
Tyres 11" x 20" - 16 ply lights
- Trailer suitable for 24 V supply