

UH412 WHEELED UNIT PIONEERING SOLUTIONS FOR YOU

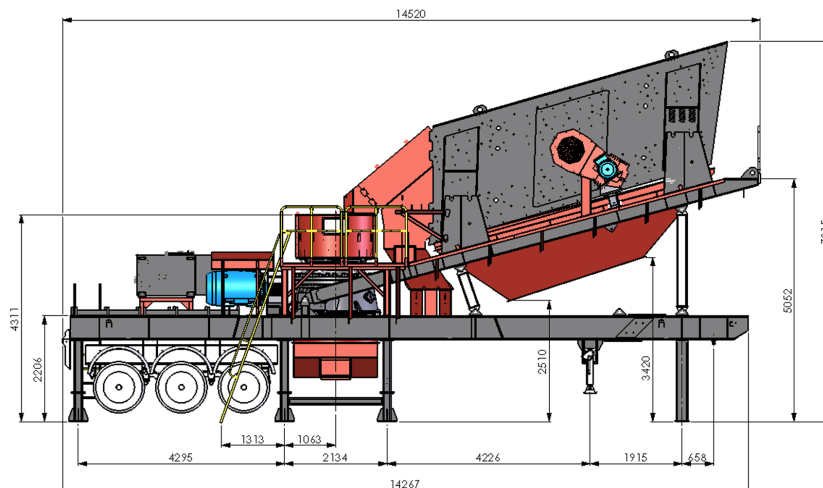
TECHNICAL SPECIFICATION

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 1/2"
CSS range	8 - 48 mm / 5/16" - 1 7/8"
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.	

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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 1/2"
Max feed size to screen (gravel)	150 mm / 5.9"
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