



UH316 WHEELED UNIT PIONEERING SOLUTIONS FOR YOU

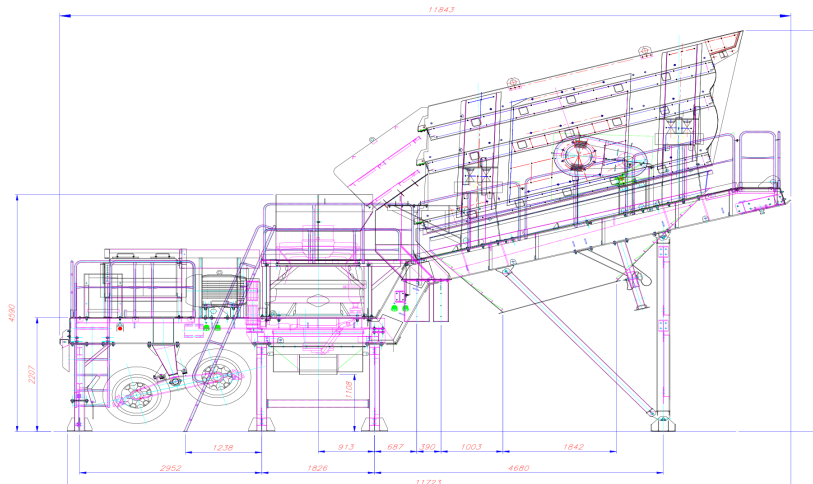
TECHNICAL SPECIFICATION

The UH316 is a secondary crushing unit fully assembled on a single trailer frame consisting of a XS86 three deck vibrating screen and CH430 cone crusher.

The Sandvik Hydrocone crusher used on UH316 is of an advanced design, capable of high capacity operation and high reduction efficiency. With hydraulically adjustable settings, a choice of different crushing chambers and throws plus many high performance features, the UH316 is versatile, user friendly and highly productive. The compact and easy-to-service design makes it the perfect choice for mobile installations.

KEY BENEFITS

- With thicker side plates and a large mechanism provided with the XS screen, it makes the UH316 ideal for primary crushed material to be fed to the screen first
- This unit has been designed to produce 1- 4 products depending on the customer's requirements.
- 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
- The operator's platform has handrails and an access ladder from the ground.
- Compact design with easy access to all equipment.
- Safety guards are fitted over the crusher drive.
- 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 on board the unit 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	UH316
Crusher	
Type	Sandvik CH430
Drive	132 kW electric motor 50 Hz, squirrel cage type
Feed opening	185 mm
CSS range	6 - 41 mm
Crusher weight	8800 kg
Screen	
Sandvik CS86 III circular motion	1800 x 4800mm
No of Deck	Triple Deck
Drive	22 kW electric motor
Power system	
All electrics are intended for connection to a mains supply	
Total power	159.5 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 350 KVA is required.

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Operating Dimensions	
Height	7.80 m / 25' 5"
Width	5.05 m / 16' 5"
Length	11.85 m / 38' 8"
Transport Dimensions	
Height	4.90 m / 16' 0"
Width	2.75 m / 19' 0"
Length	12.40 m / 40' 6"
Weight	35.5 mton / 39 ston
Performance	
Max feed size	185 mm
Capacity (up to)	250 mtp
Running Gear	2" King-Pin, Double Axle bogie with air-brakes and running lights. Tyres 10" x 20" - 16 ply

Note. All weights and dimensions are for standard units only