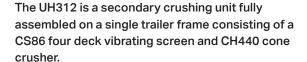


UH312 WHEELED UNIT PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION



The Sandvik Hydrocone crusher used on the UH312 is an advanced design, capable of high capacity operation and high reduction efficiency. The hydraulically adjustable settings, choice of different crushing chambers and throws plus many high performance features, the UH312 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 UH312 is ideal for secondary crushing.
- This unit has been designed to produce 1- 4 products depending on the customer's requirements.
- Compact design and easy access to all equipment.

- 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.
- 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 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	UH312	KEY SPECIFICATIONS	UH312
Screen		Running gear	
Screen type Screen size	Sandvik CS86 IV circular motion 1800mm x 4800mm	2" King-Pin, Double Axle bogie with air-brakes and running lights. Tyres 10" x 20" – 16 ply.	
No of deck Drive	Four deck Electric motor 18.5 kW	Operating Dimensions	
Crusher		Height Width	7.45 m / 24′ 4″ 5.40 m / 17′ 7″
Cone	Sandvik CH440	Length	11.85 m / 38′ 8″
Feed opening CSS range	215 mm / 8 ½" 8 - 48 mm / 5/16" - 1 ¾"	Transport Dimensions	
Crusher weight Drive	14,300 kg / 31,526 lbs From electric motor 220 kW, 50 Hz, squirrel cage type.	Height Width Length	4.60 m / 15' 0" 2.75 m / 9' 0" 12.30 m / 40' 3"
Power system		Weight	41.5 mton / 45.7 ston
All electrics are intended for		Performance	
connection to a mains supply. Total power Supply voltage Control voltage If powered by a genset at least 750 KVA is required.	249.5 kW 415 V-50 Hz/ 3-phase AC 220 V-50/ 3-phase AC	Max feed size to crusher Max feed size to screen (gravel) Max feed size to screen (crushed) Capacity (up to)	215 mm / 8.4" 150 mm / 5.9" 120 mm / 4.7" 300 mtph

Note. All weights and dimensions are for standard units only $% \left\{ \left(1\right) \right\} =\left\{ \left(1$

