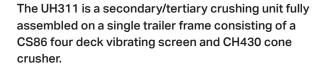


UH311 WHEELED UNIT PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION



The Sandvik Hydrocone crusher used on the UH311 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 UH311 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 UH311 has proved to be ideal for secondary or tertiary crushing.
- 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 smooth starting of the crusher. A junction electrical box is wired on board.



KEY SPECIFICATIONS	UH311	KEY SPECIFICATIONS	UH311
Crusher		Operating Dimensions	
Type Feed opening CSS range Crusher weight Drive	Sandvik CH430 185 mm / 7 1/4" 6 - 41 mm / 1/4 - 1 1%" 8880 kg / 19,400 lbs Electric motor 160 kW, 50 Hz,	Height Width Length	7.35 m / 24' 1" 5.05 m / 16' 7" 11.85 m / 38' 10 ½"
		Transport Dimensions	
Screen	squirrel cage type.	Height Width	4.40 m / 14′ 5″ 2.70 m / 8′ 10″
Sandvik CS86 IV circular motion No of Deck Drive	1 1800 x 4800mm / 5' 11" x 15' 9" Four Deck Electric motor 18.5 kW, 50 Hz	Length Weight	12.30 m / 40' 4" 34 mton / 37.5 ston
		Performance	
Power system		Max feed size to crusher	185 mm / 7.3" 150 mm / 5.9"
All electrics are intended for connection to a mains supply		Max feed size to screen (gravel) Max feed size to screen	120 mm / 4.7"
Total power Supply voltage Control voltage	156 kW 415 V - 50 Hz / 440V - 60Hz / 3-phase AC 220 V - 50 Hz / 60Hz / 3-phase AC	(crushed) Capacity (up to) Running Gear	180 mtph 2" / 31 / 2' King-Pin, Double Axle bogie with air-brakes and running lights. Tyres 10" x 20" - 16 ply.
If powered by a genset at least 350 KVA is required.		Note. All weights and dimensions are for standard units only	

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