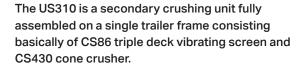


US310 WHEELED UNIT PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION



The Sandvik Hydrocone crusher used on US310 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, a large feed opening plus many high performance features, the US310 is versatile, user friendly and highly productive. The compact and easy- to-service design makes them perfect choice for mobile installations.

KEY BENEFITS

- Combined with the large screen the US310 has proved to be the ideal for secondary crushing.
- 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.

- 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 crusher feed belt conveyor
- 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
- Emergency stop push buttons are provided at appropriate places.



KEY SPECIFICATIONS	US310	KEY SPECIFICATIONS	US310
Crusher		Operating Dimensions	_
Type Feed opening CSS range Crusher weight Drive	Sandvik CS430 up to 360 mm / 14 1/8" 19 - 51 mm / 3/4 - 2" 12,000 kg / 26,455 lbs Electric motor 160 kW, 50 Hz,	Height Width Length	7.00 m / 22' 11½" 5.05 m / 16' 7" 11.85 m / 38' 10½"
		Transport Dimensions	
Screen	squirrel cage type.	Height Width Length	4.15 m / 13' 7" 2.70 m / 8' 10" 12.30 m / 40' 4"
	1800 x 4800mm / 5′ 11″ x 15′ 9″	Weight	35 mton / 39.2 ston
No of Decks Drive	Triple Deck Electric motor 15 kW, 50 Hz	Performance	
Power system		Max.feed size to crusher Max feed size to screen (gravel)	300 mm / 11.8" 150 mm / 5.9"
All electrics are intended for connection to a mains supply		Max feed size to screen	
Total power Supply voltage Control voltage	180.5 kW 415 V - 50 Hz / 440V - 60Hz / 3-phase AC 220 V - 50 Hz / 60Hz / 3-phase AC	(crushed) Capacity (up to) Running Gear	120 mm / 4.7" 300 mtph 2" / 31 / 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



If powered by a genset at least 425 KVA is required.