

UJ310 WHEELED UNIT PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The UJ310 is a primary crushing unit fully assembled on a single trailer frame and mounted on a triple axle bogie. Featuring the highly reliable and productive CJ411 jaw crusher it comes complete with feeder motors, starters, frequency drive and electrical control panel.

The UJ310 wheel mounted jaw crusher incorporates a Sandvik jaw crusher with an impressively large feed opening for its size. Possessing an ideal nip angle for smooth material flow, high reduction efficiency and single-toggle operation with a deep crushing chamber, it has an easy setting adjustment for simple and efficient operation. All of these features are aimed at high productivity and increased operator safety.

KEY BENEFITS

- The design and manufacture of all Jawmasters meets the highest Quality Assurance standards having been manufactured in a factory which has been certified to ISO9001.
- The feeder has adjustable grizzly section formed by fabricated Hardox / Mn-Steel bars. The grizzly gap

- could be either 70, 90 or 105 mm. It has a wire cloth screening element beneath the grizzly (900 mm wide x 1160mm long), to remove the natural fines.
- The crusher by-pass chute collects material, which passes through the vibrating feeder's grizzly section.
 - Permits the removal of fine fractions to a separate fines stockpiling conveyor.
 - Allows the intermediate fraction to follow with the crusher product on the delivery conveyor.
- The operator's platform has handrails and access ladder from the ground. Safety guards are fitted to drives and around the crusher's flywheels.
- Easy and quick displacement between job sites.
- Compact design & easy access to all equipment.
- All the feed, discharge and connection chutes are robust constructions, made of steel plate with liner.
- A junction electrical box is wired on board.
- Local control push button on the operator's platform for local control of the feeder.
- The UJ310 Plant is designed to produce up to 325MTPH of normal quarried stone at 125 mm css (Close Side Setting).



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Feed station	
Feeder type	SW1252
Grizzly length	1.5 m / 4.9'
Grizzly gap	70, 90 or 105 mm / 2.7, 3.5 or 4.1"
Drive	Electric motors 2 x 6,63 kW, 50Hz
Hopper	15 m ³ / 530 ft ³
Crusher	
Type	CJ411
Feed opening	1045x 840mm / 41" x 33"
Drive	Electric motor 110kW, 50 Hz, squirrel cage type
Discharge conveyor	
Belt width	1000mm / 40"
Length	8.1 m / 26.5'
Drive	Electric motor 11kW, 50Hz
Approx discharge height under drum	2.1m / 6.9'

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Power system	
All electrics are intended for connection to a mains supply	
Total power	134 kW
Supply voltage	415 V / 50 Hz / 3-phase AC
Control voltage	220 V / 50 Hz / 1-phase AC
Running Gear	2" King-Pin, Leaf-spring triple-ax- le bogie with air-brakes And running lights. Tyres 11" x 20" – 16 ply
Operating Dimensions	
Height	5.30 m / 17.4'
Width	3.80 m / 12.5'
Length	15.20 m / 50'
Transport Dimensions	
Height	4.00 m / 13.1'
Width	2.70 m / 8.9'
Length	15.20 m / 50'
Weight	52.5mton / 58.8ston
Performance	
Max feed size	750mm / 30"
Capacity (up to)	325mtph / 342stph at CSS 125mm

Note. All weights and dimensions are for standard units only