

# Sandvik UJ310 Unit in Action

Technical Specification Sheet



- Sandvik have more than a century of experience of designing and manufacturing jaw crushers. Sandvik also have a wealth of knowledge about customer's expectations and needs. Jaw crushers are manufactured in a factory which has been certified to ISO9001. This demonstrates our dedication to quality – the design and manufacture of all Jawmasters meets the highest Quality Assurance standards.
- 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 325 MTPH of normal quarried stone at 125 mm C.S.S. (Close Side Setting).

## Technical specifications

	UJ310 Unit
<b>Operation</b>	
Height	5.30 m / 17.4'
Width	3.80 m / 12.5'
Length	15.20 m / 50'
<b>Transport</b>	
Height	4.00 m / 13.1'
Width	2.70 m / 8.9'
Length	15.20 m / 50'
Weight *1	52.5mton / 58.8ston
*1 Excluding options	
<b>Feed station</b>	
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 <sup>3</sup> / 530 ft <sup>3</sup>
<b>Crusher</b>	
Type	CJ411
Feed opening	1045x 840mm / 41" x 33"
Drive	Electric motor 110kW, 50 Hz, squirrel cage type

	UJ310 Unit
<b>Discharge conveyor</b>	
Belt width	1000mm / 40"
Length	8.1 m / 26.5'
Drive	Electric motor 11kW, 50Hz
Approx discharge height under drum	2.1m / 6.9'
<b>Performance</b>	
Max feed size	750mm / 30"
Capacity (up to)	325mtph / 342stph at CSS 125mm
<b>Power system</b>	
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
<b>Running Gear</b>	
2" King-Pin, Leaf-spring triple-axle bogie with air-brakes And running lights. Tyres 11" x 20" – 16 ply	

The units depicted show all options currently available, and the colour scheme reflects the eventual scheme to be used. Current models may differ from those featured in this brochure. Please contact Sandvik to clarify specification and options. The material in this brochure is of general application for information and guidance only, and no representation or warranty is made or given by the manufacturer that its products will be suitable for a customer's particular purpose and enquiry should always be made of the manufacturer to ensure such suitability. Whilst reasonable efforts have been made in the preparation of this document to ensure its accuracy, the manufacturer assumes no liability resulting from errors or omissions in this document, or from the use or interpretation of the information contained herein. The manufacturer reserves the right to make changes to the information in this brochure and the product design without reservation and without notification to users.

SANDVIK MINING AND CONSTRUCTION (UK) HEARTHCOTE ROAD SWADLINCOTE DERBYSHIRE DE11 9DU ENGLAND  
 TEL +44 (0)1283 212121 FAX +44 (0) 1283 217342 mobilecs.smc@sandvik.com www.miningandconstruction.sandvik.com

