



UJ300 WHEELED UNIT PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

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 Jaw crushers meet the highest Quality Assurance standards.

KEY BENEFITS

- The feeder has adjustable grizzly section formed by fabricated Hardox / Mn-Steel bars. The grizzly gap could be either 70, 90 or 120 mm. It has a wire cloth screening element beneath the grizzly (900 mm wide x 850mm long), to remove the natural fines.
- The crusher by-pass chute collects material, which passes through the vibrating feeder's grizzly section.
 - Directs the intermediate and fine fractions to the delivery conveyor beneath the crusher.
 - Directs the intermediate and fine fractions to a separate fines stockpiling conveyor.
- Permits the removal of fine material (taken out by a separate stockpiling conveyor) and 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 UJ 300 Plant is designed to produce up to 310 MTPH of normal quarried stone at 125 mm C.S.S. (Close Side Setting).



KEY SPECIFICATIONS	UJ300
Feed station	
Feeder type	GF410100i with bar grizzly
Grizzly length	1.35m / 4.4'
Grizzly gap	70, 90 or 120mm / 2.7, 3.5 or 4.7"
Drive	Electric motors 2 x 4.53 kW, 50Hz
Hopper	9m ³ / 320in ³
Crusher	
Type	CJ211
Feed opening	1100mm x 700mm / 43" x 28"
Drive	Electric motor 90kW, 50Hz, squirrel cage type
Discharge conveyor	
Belt width	1000mm / 40"
Length	6.5m / 21.3'
Drive	Electric motor 11kW, 50Hz
Approx discharge height under drum	1.9m / 6.2'

KEY SPECIFICATIONS	UJ300
Power system	
All electrics are intended for connection to a mains supply	
Total power	110 kW
Supply voltage	415V / 50 Hz / 3-phase AC
Control voltage	220V / 50 Hz / 1-phase AC
Running Gear	2" King-Pin, Leaf-spring bogie with air-brakes and running lights. Tyres 10" x 20" - 16 ply
Operating Dimensions	
Height	5.0m / 16.4'
Width	3.1m / 10.2'
Length	12.50m / 41.0'
Transport Dimensions	
Height	4.00m / 13.1'
Width	2.6m / 8.5'
Length	12.10m / 39.7'
Weight	38.0mton / 42.5ston
Performance	
Max feed size	630mm / 25"
Capacity (up to)	310mtph / 342stph at CSS 125mm

Note. All weights and dimensions are for standard units only

OPTIONS

Wear resistant hopper liner plates back and sides
 Belt protection plate under jaw crusher discharge
 Central auto lube (all bearings)
 Hydraulic breaker arm complete with hammer
 Water pump (Hydraulic)
 Arctic package -20°C (-4°F) (32 Grade hydraulic oil and engine oil)
 Arctic package -30°C (-22°F) (arctic hydraulic oil, engine oil, webasto coolant heater and grease)
 Main conveyor level sensor (stockpile monitor)
 Remote diesel pump (electric)

Main conveyor dust cover
 Lighting mast and cabinet lights
 Pull stop cords on the main and natural fines conveyor
 Intelligent line multi-machine communication
 Engine filter kit - 250 hours (Air and oil for 3A engines only)
 Plant and engine filter kit - 500 hours (3A engine)
 Plant and engine filter kit - 500 hours (3B engine)
 No overband magnet
 No natural fines conveyor
 Tool box and contents