



UJ210 JAW CRUSHER PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The UJ210 is a wheel mounted jaw crusher which incorporates the Sandvik CJ409 jaw crusher. It features an impressively large feed opening for its size, possessing an ideal nip angle providing smooth material flow, high reduction efficiency, single-toggle operation with a deep crushing chamber and easy setting adjustment. All of these features are aimed at producing high capacity operation.

KEY BENEFITS

- The feeder has adjustable grizzly section formed by fabricated Hardox / Mn-Steel bars. The grizzly gap can be either 70,90 or 120 mm. It has a wire cloth screening element beneath the grizzly (950 mm wide x 850mm long) to remove the natural fines.
- The feed hopper sides and rear wall are foldable by mechanical means.
- The crusher by-pass chute collects material, which passes through the vibrating feeder's grizzly section.
- The operator's platform has handrails and access ladder from the ground. Safety guards are fitted to drives and around the crusher's flywheels.
- A manual flap allows two possibilities:
 - 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.
- Easy and quick displacement between job sites.
- Compact design with easy access to all equipment
- All the feed, discharge and connection chutes are robust constructions, made of steel plate with liner.
- Local control push button on the operator's platform for local control of the feeder.
- The UJ210 Plant is designed to produce up to 235 MTPH of normal quarried stone at 125 mm C.S.S. (Close Side Setting).



| KEY SPECIFICATIONS | UJ210 |
|------------------------------------|---|
| Feed station | |
| Feeder type | SW1043H 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 | CJ409 |
| Feed opening | 900mm x 660mm / 36" x 26" |
| Drive | Electric motor 75kW, 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' |
| Power system | |

All electrics are intended for connection to a mains supply

| KEY SPECIFICATIONS | UJ210 |
|----------------------|---|
| Total power | 95 kW |
| Supply voltage | 415V - 50 Hz / 440V - 60 Hz / 3-phase AC |
| Control voltage | 220V / 50 Hz / 60 Hz 3-phase AC |
| Running Gear | 2" King-Pin, Double-axle bogie with air-brakes and running lights. Tyres 10" x 20" - 16 ply |
| Operating Dimensions | |
| Height | 5.0m / 16.4' |
| Width | 3.05m / 10.0' |
| Length | 12.60m / 41.3' |
| Transport Dimensions | |
| Height | 4.10m / 13.4' |
| Width | 2.55m / 8.4' |
| Length | 12.60m / 41.3' |
| Weight | 36.5mton / 40.8ston |
| Performance | |
| Max feed size | 600mm / 25" |
| Capacity (up to) | 235mtpH / 259stph at CSS 125mm |

Note. All weights and dimensions are for standard units only

OPTIONS

Dust Filter System
 Belt Scale on Main Conveyor
 Belt Scale on Fines Conveyor (Hanging Screen only)
 King Pin for Dolly
 Block Heating for Engine
 Adaption for UK Mines and Quarries
 Pressure Gauges and O Ring Set
 Stockpile Conveyor Level Sensor

Lifting arrangement for shipping
 Hanging Screen System (Open Circuit)
 Hanging Screen System (Closed Circuit)
 Return Conveyor for Coarse Fraction
 Complete First Service Filter Kit
 Ambient Packages