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**: 9m³ / 320in³

#### 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’

#### 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)**: 310mtp/h / 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