



Sandvik UJ640

General information

- 2 basic types:
 - **Comfort** - feeder with grizzly and screen deck underneath, by-pass chute and optional NF conveyor.
 - **Direct** - feed arrangement consists of a 10 m³ fixed feed hopper. Should oversized rock enter, the hopper can be hydraulically tilted backwards.
- Sandvik UJ640 is transported in parts. The parts are easily splitted with the aid of the four hydraulic legs.
- Discharge conveyor with belt scraper, steering rolls and impact bars under the crusher. Width 1600mm. Adjustable discharge height 4.1-4.5 m.
- Ground clearance below discharge conveyor approx. 350mm (14").
- Clearance between moving jaw in crusher and discharge conveyor, approx. 770mm (31").
- Material bed under crusher, protecting the conveyor.
- Wide range of jaw plates for different applications are available.
- Semi automatic CSS setting is standard.
- Platforms on top of crusher and around generator-set provide access for inspection and maintenance.
- Two 24V flood lights are fitted on mast for illumination at night. Flood lights are also placed at screen, conveyor, generator-set and at electrical cabinet.
- Flash lights and a siren provide visual and aural warning of movement and stand-by.
- Main power is 400V AC, Control voltage is 230V AC and 24V DC.
- The unit is maneuvered by radio remote control and has a cord connected remote control as back-up.
- Emergency stop buttons are provided at appropriate places.
- A level monitor system above the crusher regulate the feeder for optimal crusher performance (comfort).
- A number of sensors at different key locations to ensure a trouble free operation and prevent against costly breakdowns.
- The design and manufacture of the Sandvik CJ 615 complies with ISO 9001 and all the directives required for CE marking. The diesel engine complies with EU and US Emission regulation norms.





UJ640 Direct Part.no.1



UJ640 Direct Part.no.2

Options

- CM1 Overband magnet.
- CM4 Dust filter.
- CM5A NF conveyor incl. Support (8m x 800mm)
- CM5B Belt scale for NF conveyor.
- CM6 Automatic lubrication system for the jaw crusher.
- CM7 Hydraulic hammer set. Complete Rammer system BR927 and BB285 incl. Hydraulics and brackets.
- CM8 Water spray system (Spray nozzles both on crusher and discharge conveyor.)
- CM10 Belt scale on discharge conveyor.
- CM14 Flood lights on crawlers.
- CM18 Diesel driven heater for the engine.
- CM24 Extra lifting arrangement for shipping.
- CM32 Removable side wall extensions for the feed hopper including rubber clothing.
Width: 4,9 m. Height: 7,3 m. Volume: 25 m3.



Dimension Comfort Direct

Operation

Height	6.58m / 21.59'	5.70m / 18.70'
Width	4.80m / 15.75'	4.80m / 15.75'
Length	20.5m / 68.8'	18.0m / 59.1'

Transport Comfort (in 2 parts)

	<i>Part no.1</i>	<i>Part no.2</i>
Height	3.9m / 12.8'	4.1m / 13.45'
Width	3.8m / 12.18'	4.0m / 12.98'
Length	10.6m / 34.78'	15.5m / 50.85'
Weight	68.5mton/ 75ston	62mton/ 68ston

Transport Direct (in 2 parts)

	<i>Part no.1</i>	<i>Part no.2</i>
Height	3.9m / 12.8'	4.1m / 13.45'
Width	3.7m / 12.14'	3.95m / 12.96'
Length	6.4m / 20'	14.6m / 47.9'
Weight	68mton/ 75ston	56mton / 62ston

Crusher

Type	Sandvik jaw crusher CJ615
Feed opening	1500x1100mm
Drive	From electric motor. 200 kW, 6 pole,50 Hz, slip-ring type..

Feed station Comfort Direct

Feeder	SW1453	-
Grizzly	2x900mm / 2x35.4"	-
Hopper volume	14m3 / 425 cu'	10m3 / 353 cu'

Discharge conveyor

Belt width	1600mm / 63"
Length	15,2m / 50'8"
Drive	2x18.5 kW electrical motors
Approx. Discharge height under drum	4.1-4.5m / 14-15' (adjustable)

On-board power pack

Diesel engine	CAT 3456 - 455 kVA
Generator	Stamford
Fuel tank volume	2400 dm ³ / 635 US gallons
Main Voltage	400 V/50 Hz/3-phase a.c.
Control Voltage	230 V/50 HZ/1-phase a.c.

Hydraulic system

System	Hydraulics for crawlers and support legs.
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Crawler tracks

Type	CAT 350 HD
Track shoe width	600mm / 24"
Hydraulic pumps driven by	1 x 110kW electric motor

Performance

Max.feed size	975mm / 38.4"
Capacity (up to)	1100mtp / 1210stph
Traveling speed	17m/min (50 Hz) 20m/min (60 Hz)
Max.slope-climbing capability	Approx. 20°