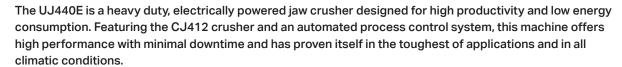


SANDVIK UJ440E MOBILE JAW CRUSHER

TECHNICAL SPECIFICATION



KEY BENEFITS

Reliability

- Built for hard and abrasive rock
- Proven technology combined with Sandvik CJ412 jaw for strength and high performance
- Wear lined impact zones
- All onboard components are electrically driven giving reliability and minimal maintenance
- Premium quality components for durability

Productivity

- Large intake opening of 1200 x 830 mm / 47" x 33" for highest rates of production in its class
- Hydraulically adjustable jaw setting to maximize your output
- Level sensors and step less regulation of feeder for optimized production
- Discharge conveyor width of 1400 mm / 56" and adjustable discharge height 3.8 m 4.7 m / 12.5'- 15.4' to enable
 massive stockpilling capacity
- A number of sensors at different key locations to ensure a trouble free operation and prevent costly breakdowns
- Choice of jaw plates and settings for a wide range of applications
- Transported in two separate sections, individually self-supported for easy assembly on site, resulting in more uptime and higher productivity
- The unit can work as stand alone or interlocked in a "process train" with other crushing and screening units
- Dual on board interlocking via PLC for optimal performance and operating efficiency, relay as backup

Cost of ownership

- Low cost per tonne due to operation through onboard diesel generator or connection to electrical mains supply
 - Quick return on investment and high resale value

Safety

- User-friendly control system via PLC from one location and radio remote control as standard.
- Dust suppression spray bars and dust sealed conveyor minimize dust, improving operator and onsite safety
- Minimal maintenance with safe and easy access
- Low emissions due to electrical operation, minimizing environmental impact
- Generator set and fuel tank can be located at ground level for easier service
- LED Floodlights for safe operation 24 hours a day

Support

- Extensive global distributor network
- Operational advice through our process knowledge and expertise





KEY SPECIFICATIONS	UJ440E	KEY SPECIFICATIONS	UJ440E
Hopper		Power pack	
Width Length Capacity Rear loading height	3000 mm / 9' 10" 5000 mm / 16' 5" 8m³ / 10.46 yds³ 4800 mm / 15' 7"	Type Stage / Tier Generator Diesel tank capacity Main voltage	Volvo D13 Stage 5 / T4F / T3 Stamford 450 kVA 3000 litres / 635 USG 400 V/50 Hz / 3-phase a.c.
Feeder		Control voltage	230 V/50 HZ /1-phase a.c.
Type Width Length Grizzly length	Sandvik JF1250 1200 mm / 47" 4850 mm / 15′ 11" 1200 mm x 2 / 4′ x 2	Tracks	
		Length (centres) Width (shoe)	4250 mm / 16.7" 500 mm / 20"
Crusher		Drive Control	Hydraulic Radio / Umbilical
Type Feed opening CSS range Adjustment type Drive	Sandvik CJ412 jaw 1200 x 830 mm / 47" x 33" 100 - 275 mm / 4" - 11" * Hydraulic wedge Electric motor 160 kW, 50 Hz squirrel cage type	Transport dimensions part 1	
		Height Width Length Weight	3.9 m / 12' 9" 3.5 m / 11' 5" 16.3 m / 53' 5" 63,000 kg / 138,890 lbs
Main conveyor		Transport dimensions part 2	
Belt width Belt length Discharge height under drum (approx)	1400 mm / 56" 16 m / 52' 5" 4500 mm / 14' 8"	Height Width Length Weight	2.9 m / 9′ 5″ 3.1 m / 10′ 5.7 m / 18′ 7″ 14,600 kg / 32,190 lbs
Natural fines conveyor		Operating dimensions	
Width Length Discharge height	650 mm / 25.6" 8000 mm / 26.2' 3300 mm / 18'	Height Width Length Weight	6.1 m / 20' 8.7m / 28' 5" 21 m / 69' 79.000 kg / 174,165 lbs
		Performance	
		Max feed size Capacity (up to) Travelling speed Max Incline / side to side	760 mm / 30" 650 mtph / 715 stph * 1.2 km / h / 0.75 mph 20° / 10°

Note. All weights and dimensions are for standard units only $% \left\{ \left(1\right) \right\} =\left\{ \left(1$

STANDARD SPECIFICATION

Crusher level sensor

Radio remote control with umbilical cord as back-up

Automatic lubrication for the jaw

Frequency inverter for the crusher

Dust suppression spray system on crusher and discharge

conveyor

Electrical power outlet 125A

Natural fines conveyor with support

Maintenance platforms for service and maintenance

Self-adjusting stabilizing support legs

PLC control system (relays as backup) Standard main voltage 400V AC 50Hz Control voltage is 230V AC and 24V DC

Electric refuelling pump

Light masts, warning beacons, panel light and tracking lights

Tool kit

Diesel engine pre-heater

Rubber lined vibrating grizzly feeder Heavy duty conveyor with dust covers

For option availability please speak with your local Sandvik representative

^{*} Application specific. Please contact a Sandvik representative for clarification on specifications and options Sandvik reserves the right to make changes to the information on this data sheet without prior notification to users