



UJ440E JAW CRUSHER PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The UJ440E is a heavy-duty jaw crusher built using the latest technology which is highly productive and easy to operate thanks to its comprehensive automation system. Featuring the market leading Sandvik CJ412 jaw with a feed opening of 1200 x 830 / 47 x 33" it has a hydraulically adjustable CSS setting and a choice of jaw plates making it suitable for a wide range of different applications.

The unit is self-propelled with a chassis frame, crawlers and a diesel generator. All equipment on board is powered by electricity except the crawlers and the support legs, which are operated hydraulically.

KEY BENEFITS

- The feed layout consists of a feeder with grizzly and screen deck, by pass chute and optional natural fines conveyor.
- A by-pass chute directs undersize material from the grizzly to the discharge conveyor.
- Sandvik Roxon discharge conveyor with belt scale, steering rollers and impact bars under the crusher.
- Impressive discharge height for superior stockpiling capacity.
- A level monitoring system above the crusher regulates the feeder speed.
- The feeder pan is equipped with a rubber protection in order to reduce impact, noise and wear.
- Unit is ready for electrical connection to the main supply.
- Platforms are situated on top of the crusher, and around the generator set to provide access for service and maintenance.
- Eight 24V floodlights are fitted on mast for illumination for night time and conditions of poor visibility.
- Electrically driven pump with automatic shut off for refilling of diesel.
- The feed hopper is removable in order to reduce unit transportation height.
- The UJ440E is manoeuvred by cable remote control with radio remote control available as an option.



KEY SPECIFICATIONS	UJ440E
Feed station	
Feeder type	SW1253H
Grizzly length	1.2 m / 3.9'
Hopper	8 m ³ / 295 ft ³
Crusher	
Type	CJ412
Feed opening	1200 x 830mm / 47" x 33"
Drive	From electric motor. 132 kW, 50 Hz, squirrel cage type
Discharge conveyor	
Belt width	1400mm / 56"
Length	17.0 m / 55.8'
Drive	2 x 11,0 kW electrical motors
Approx. discharge height under drum	4.0 m / 13.1'
On-board power pack	
Diesel engine	Volvo 1241 TAD
Rated output	375 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, crusher setting regulation and support legs

KEY SPECIFICATIONS	UJ440E
Crawler tracks	
Length c/c	4040mm / 159"
Track shoe width	500mm / 19.5"
Hydraulic pumps driven by	2 x 75 kW electric motors
Operation	
Height	4.7 m / 15.4'
Width	3.3 m / 10.8'
Length	20.6 m / 67.6'
Transport	
Height	3.9 m / 12.7'
Width	3.3 m / 10.8'
Length	20.2 m / 66.3'
Weight *1	
Part 1	67.5 mton / 73.5 ston
Part 2	3.8 mton / 4.4 ston
*1 excluding options	
Performance	
Max.feed size	760mm / 30"
Capacity (up to)	600 mtpH
Travelling speed	25m / min AM
Max.slope-climbing capability	Approx. 20°
Performance	
Max Feed Size	215mm / 8½"
Capacity (up to)	388 tph / 435 stph

Note. All weights and dimensions are for standard units only

OPTIONS

Overband magnet
 Belt scale on discharge conveyor
 Floodlights for the crawler tracks
 Diesel driven heater for the engine
 Complete oil filter set first service
 Dust filter
 Natural fines conveyor incl. Support (8m x 500mm)
 Water spray system (Spray nozzles both on crusher and discharge conveyor)

Radio remote system
 Removable side wall extensions for the feed hopper
 Automatic lubrication system
 Complete Hydraulic hammer
 Preparation for hydraulic hammer installation
 Shim plates behind the jaw plates