



QJ341 JAW CRUSHER PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The QJ341 is the largest in the Sandvik Premium range of tracked jaw crushers. Utilising Sandvik's unrivalled design and manufacturing expertise, it is one of the best-selling track mounted mobile jaw crushers in the world today.

Featuring a powerful 1200 x 750 / 47 x 29" jaw, it is capable of delivering high outputs with excellent reduction ratios. It comes fitted with many user-friendly features, such as hydraulic adjustment and reversible jaw, and a PLC control system and colour screen for ease of operation. It is also fitted with a hydraulic raise and lower conveyor making it ideal for recycling applications, as well as quarrying applications.

KEY BENEFITS

- Danfoss hydraulic control system for greater efficiency with all controls located at ground level for ease of access and maintenance.
- Full PLC control system and Danfoss colour screen allowing visual data output of all plant operating parameters.
- Improved load control system for feeder drive to ensure continuous, uninterrupted crushing.
- Steel pipe work used extensively to give superior heat dissipation and to provide a maintenance free sealing solution.
- Speed wheel fitted to main conveyor to stop the feeder, negating the need to dig out a heavily loaded conveyor.
- Hydraulically driven cooling fan allows fan speed control to give increased efficiency, and auto reverse facility to periodically back flush any dust build up in the radiator.
- Capable of operating in the most hostile environments with a 50°C ambient temperature capability without any oil changes.
- Hydraulic raise and lower facility fitted to the main conveyor for clearance of rebar in recycling applications.
- Tunnel arrangement to reduce catchment points in recycled materials.



KEY SPECIFICATIONS	QJ341
Hopper	
Type	Hyd folding - side and rear 15 mm / 5/8" thick
Width	2471 mm / 8' 1 1/4"
Length	4339 mm / 14' 2 7/8"
Level capacity	5.1 m ³ / 6.8 yds ³
Heaped capacity	9.4 m ³ / 12.3 yds ³
Rear loading height	4041 mm / 13' 3 1/8"
Feeder	
Type	Hyd - variable speed grizzly
Width	1100 mm / 43"
Total length	4000 mm / 13' 1 1/2"
Grizzly length	1630 mm / 64"
Standard aperture	35 - 75 mm / 1 3/8" - 3"
Crusher	
Type	Single toggle - C12
Feed opening	1200 mm x 750 mm / 47" x 29"
Speed	283 rpm
Adjustment type	Hydraulic wedge
Drive	Hyd via V Belts
CSS range	50 - 175 mm / 2" - 7"
Motor type	Danfoss
Motor cc	250 cc / 15.25 cu inch
Hydraulically lowering main Conveyor	
Belt width	1000 mm / 39 1/2"
Belt length (endless)	24500 mm / 80' 4 1/2"
Discharge height	3855 mm / 12' 7 3/4"
Drive	Hyd motor
Motor CC	624 cc / 38.1 cu inch
Tracks	
Length (centres)	3715 mm / 12' 2"
Width (shoe)	500 mm / 19 3/4"
Drive	Prop hyd / Gearbox
Control	Radio / Umbilical

OPTIONS

Wear resistant hopper liner plates back and sides
 One piece 15 mm / 5/8" thick extended wear resistant hopper side walls for rear loading
 Belt protection plate under jaw crusher discharge
 Central auto lube (all bearings)
 Pull stop cords on the main and natural fines conveyor
 Hydraulic breaker arm complete with hammer
 Main Conveyor canvas covers
 Remote diesel pump (electric)
 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)
 Heavy duty twin pole overband magnet

KEY SPECIFICATIONS	QJ341
Engine	
Engine type	Stage 3A / Tier 3 CAT C9 Acert / Stage 3B / Tier 4i CAT C9.3 Acert / Stage 4 / Tier 4 Final CAT C9.3 Acert / Stage 4 / Tier 4 Final Volvo D11
Engine power	261 kW / 350 hp (CAT) 265 kW / 355 hp (Volvo)
Diesel tank capacity	660 litres / 174 USG
Hyd tank capacity	660 litres / 174 USG
Magnet (option)	
Model	Eriez CP 20 / 100 SC2
Weight	1007 kg / 2220 lbs
Belt width	750 mm / 29 1/2"
Height from belt	Adjustable
Type	Self cleaning
Natural fines conveyor (option)	
Belt width	650 mm / 25 1/2"
Belt length (endless)	6925 mm / 22' 8 1/2"
Discharge height	1929 mm / 6' 4"
Drive	Hyd motor
Motor CC	395 cc / 24 cu inch
Transport dimensions	
Length	14.15 m / 46' 5 1/8"
Width	2.86 m / 9' 4 1/2"
Height	3.44 m / 11' 3 1/4"
Cubic volume	139 m ³ / 4913 ft ³
Operating dimensions	
Length	15.81 m / 51' 10 1/2"
Width	3.50 m / 11' 6"
Height	4.45 m / 14' 7 1/4"
Standard weight	48,194 kg / 106,250 lbs
Performance	
Maximum feed size	650 mm ³ / 25.6 inch ³
Capacity (up to)	400 tph / 440 stph
Travel Speed	0 - 1.3 km/h / 0 - 0.811 mph
Max incline / Side to side	20° / 10°

Note. All weights and dimensions are for standard units only

Overband magnet
 Natural fines conveyor
 Intelligent line multi-machine communication
 Main conveyor level sensor (stockpile monitor)
 Lighting mast and cabinet lights
 Engine filter kit - 250 hours (Air and oil filters - for 3A engines only)
 Plant and engine filter kit - 500 hours
 Head drum guard main conveyor
 Head drum guard natural fines conveyor
 Radio remote control
 Jaw crusher level sensor
 Jacking legs