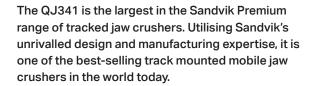


QJ341 JAW CRUSHER PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION



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	KEY SPECIFICATIONS	QJ341	
Hopper		Engine		
Type Width Length	Hyd folding - side and rear 15 mm / %" thick 2471 mm / 8' 1 ¼" 4339 mm / 14' 2 %"	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	
Level capacity Heaped capacity Rear loading height	5.1 m³ / 6.8 yds³ 9.4 m³ / 12.3 yds³ 4041 mm / 13′ 3 1⁄8″	Engine power	/ Stage 4 / Tier 4 Final Volvo D11 261 kW / 350 hp (CAT) 265 kW / 355 hp (Volvo)	
Feeder	40411111117 13 3 78	Diesel tank capacity Hyd tank capacity	660 litres / 174 USG 660 litres / 174 USG	
Туре			Magnet (option)	
Width Total length Grizzly length Standard aperture	1100 mm / 43" 4000 mm / 13' 1 ½" 1630 mm / 64" 35 - 75 mm / 1 %" - 3"	Model Weight Belt width Height from belt	Eriez CP 20 / 100 SC2 1007 kg / 2220 lbs 750 mm / 29 ½" Adjustable	
Crusher		Туре	Self cleaning	
Type Feed opening	9 99		Natural fines conveyor (option)	
Speed Adjustment type Drive CSS range Motor type Motor cc	283 rpm Hydraylic wedge Hyd via V Belts 50 - 175 mm / 2" - 7" Danfoss 250 cc / 15.25 cu inch	Belt width Belt length (endless) Discharge height Drive Motor CC	650 mm / 25 ½" 6925 mm / 22' 8 ½" 1929 mm / 6' 4" Hyd motor 395 cc / 24 cu inch	
Hydraulically lowering main Conveyor		Transport dimensions		
Belt width Belt length (endless) Discharge height Drive	1000 mm / 39 ½" 24500 mm / 80' 4 ½" 3855 mm / 12' 7 ¾" Hyd motor	Length Width Height Cubic volume	14.15 m / 46′ 5 1⁄8″ 2.86 m / 9′ 4 1⁄2″ 3.44 m / 11′ 3 1⁄4″ 139 m³ / 4913 ft³	
Motor CC	624 cc / 38.1 cu inch	Operating dimensions		
Tracks		Length Width	15.81 m / 51′ 10 ½″ 3.50 m / 11′ 6″	
Length (centres) Width (shoe) Drive	3715 mm / 12′ 2″ 500 mm / 19 ¾″ Prop hyd / Gearbox	Height Standard weight	4.45 m / 14′ 7 1⁄4″ 48,194 kg / 106,250 lbs	
Control	Radio / Umbilical	Performance		
		Maximum feed size Capacity (up to) Travel Speed Max incline / Side to side	650 mm³ / 25.6 inch³ 400 tph / 440 stph 0 - 1.3 km/h / 0 - 0.811 mph 20° / 10°	

OPTIONS

Wear resistant hopper liner plates back and sides

One piece 15 mm / $\%^{\prime\prime}$ 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

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)

Note. All weights and dimensions are for standard units 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

