



QJ341+ JAW CRUSHER PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

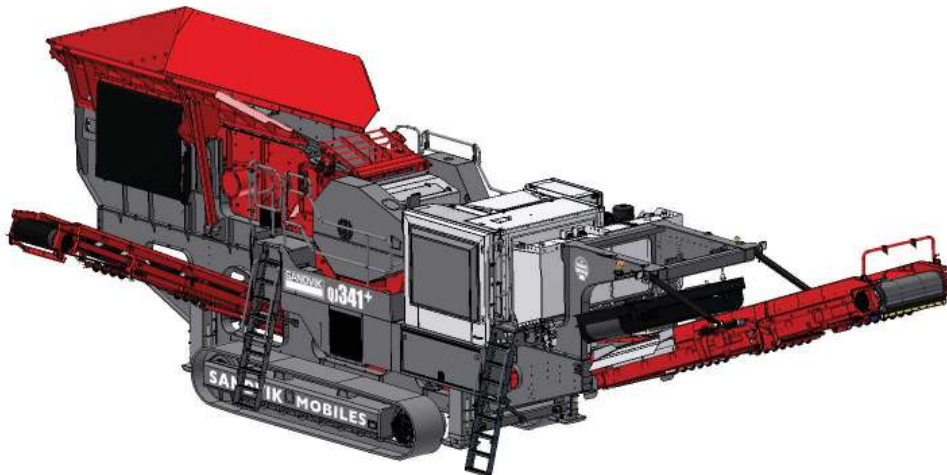
The QJ341+ is a new addition to our bestselling QJ341 jaw crusher range. This model will come with the added benefit of a double deck pre-screen as standard. This will enable the removal of a large amount of fines to increase your throughput resulting in greater efficiency, higher productivity and less wear on the crusher. This will be particularly effective in quarrying applications where you have a high proportion of fines in the feed material.

Alongside the pre-screen we have incorporated a telescopic natural fines conveyor with a discharge height of 3.1 m / 10' 3" for greater stockpiling capabilities and a three position by-pass chute to increase flexibility in material distribution. These are in addition to a new design of self-locking hopper which is safe and easy to set-up from ground level.

The QJ341+ will come with the same user-friendly features as the standard model, such as hydraulic adjustment, reversible jaw and hydraulic drive to enable the crusher to start under load, minimizing downtime.

KEY BENEFITS

- Large 1200 x 750 mm / 47 x 29" feed opening for highest rates of production in its class
- Fitted with a double deck pre-screen for efficiency and greater productivity
- Efficient load control system for feeder drive to ensure continuous, uninterrupted crushing
- Steep dirt chute for faster fines transfer increasing the ability to deal with sticky material
- Telescopic natural fines conveyor for greater stockpiling capabilities
- Self locking hopper, for quick and safe set-up from ground level
- Full PLC control system and Danfoss colour screen allowing visual data output of all plant operating parameters
- Low drag main conveyor for maximum power transfer and efficiency
- Hydraulic raise and lower facility on the main conveyor, ideal for recycling operations
- Highly efficient, radial piston and bent axis motors fitted to reduce hydraulic flow rates, increase fuel economy and durability
- Available with a choice of CAT or Volvo engine



KEY SPECIFICATIONS	QJ341+
Hopper	
Type	Hyd folding - self locking side and rear 15 mm / 5/8" thick
Width	2435 mm / 7' 11 7/8"
Length	4315 mm / 14' 2"
Level capacity	5.1 m ³ / 6.8 yds ³
Heaped capacity	9.4 m ³ / 12.3 yds ³
Heaped capacity hopper extensions	13 m ³ / 17 yds ³
Rear loading height	4331 mm / 14' 2 1/2"
Rear loading height hopper extensions	4568 mm / 15'
Rear loading width hopper extensions	4073mm / 13' 4 3/8"
Feeder	
Type	Hyd - variable speed primary pan
Drive	Twin out of balance motors
Width	1024 mm / 3' 4 1/4"
Total length	2285 mm / 7' 6"
Pre screen	
Type	Hyd drive 2 bearing, high amplitude
Number of decks	Double deck
Top deck size	1108 x 2020 mm / 3' 7 1/2" x 6' 7 1/2"
Bottom deck size	1108 x 1500 mm / 3' 7 1/2" x 4' 11"
Standard top deck aperture	50 - 70 mm / 2" - 2 3/4"
Standard bottom deck aperture	40 mm / 1 1/2"
Crusher	
Type	Single toggle - C12
Feed opening	1200 mm x 750 mm / 47" x 29"
Speed	283 rpm
Adjustment type	Hyd wedge
Drive	Hyd via V belts
CSS range	50 - 160 mm / 2" - 6 3/8"
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)	24,800 mm / 81' 4 3/8"
Discharge height	3924 mm / 12' 10 1/2"
Drive	High pressure hyd radial piston motor
Motor CC	560 cc / 34.17 cu inch

Note. All weights and dimensions are for standard units only

OPTIONS

Wear resistant hopper liner plates back and sides
Hopper extensions 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)
Overband magnet
Heavy duty twin pole overband magnet

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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	1015 kg / 2238 lbs
Belt width	750 mm / 29 1/2"
Height from belt	Adjustable
Type	Self cleaning
Natural fines conveyor	
Belt width	650 mm / 25 1/2"
Belt length (endless)	11,310 mm / 37' 1 1/4"
Discharge height	3128 mm / 10' 3 1/8"
Drive	High pressure hyd radial piston motor
Motor CC	255 cc / 15.56 cu inch
Tracks	
Length (centres)	3715 mm / 12' 2"
Width (shoe)	500 mm / 19 3/4"
Drive	Prop hyd / Gearbox
Control	Radio / Umbilical
Transport dimensions	
Length	14.72 m / 48' 3 1/2"
Width	2.80 m / 9' 2"
Height	3.72 m / 12' 2 1/4"
Cubic volume	153 m ³ / 5403 ft ³
Standard weight	48,273 kg / 106,424 lbs
Operating dimensions	
Length	16.03 m / 52' 6 7/8"
Width with NF conveyor	6.39 m / 20' 11 3/4"
Width without NF conveyor	3.50 m / 11' 6"
Height	4.33 m / 14' 2 1/2"
Performance	
Maximum feed size	650 mm ³ / 25.6 inch ³
Capacity (up to)	450 tph / 496 stph
Travel speed	0 to 1.3 km/h / 0 to 0.81 mph
Max incline	20°
Max incline (side to side)	10°

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
Underguards for the main conveyor
Head drum guard natural fines conveyor
Underguards for the natural fines conveyor
Radio remote control
Jaw crusher level sensor
Jacking legs
Pre screen grizzly apertures 35 - 55 and 65 - 85 mm
Pre screen punch plates 45, 60, 75 mm
Pre screen bottom mesh 34, 45, 60, 75 mm