



QJ341+ JAW CRUSHER PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The QJ341+ comes with the added benefit of a double deck pre-screen as standard. This will enable the removal of many 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. Fitted with 18% Optitooth™ jaw plates as standard.

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.
- 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 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.
- Fitted with My Fleet remote monitoring system as standard for live monitoring of plant, hours, location, etc.



KEY SPECIFICATIONS	QJ341+
Hopper	
Width	2435 mm / 7' 11"
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	4381 mm / 14' 4"
Rear loading height hopper extensions	4618 mm / 15' 2"
Rear loading width hopper extensions	4073 mm / 13' 4"
Feeder	
Type	Hyd - variable speed primary pan
Width	1024 mm / 42"
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" x 6' 7"
Bottom deck size	1108 x 1500 mm / 3' 7" x 4' 11"
Standard top deck aperture	50 - 70 mm / 2" - 3"
Standard bottom deck aperture	40 mm / 1.5"
Crusher	
Type	Single toggle - C12
Feed opening	1200 mm x 750 mm / 47" x 29"
Speed	264 - 283 rpm
Adjustment type	Hyd wedge
CSS range	50 - 160 mm / 2" - 6"
Hydraulically lowering main conveyor	
Belt width	1000 mm / 39"
Discharge height	3894 mm / 12' 9"

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Engine	
Engine	CAT C9 Tier 3 261 kW / 350 hp CAT C9.3B Stage 3A Constant Speed. 279 kW / 375 hp CAT C9.3B Stage 5 / T4F 280 kW / 375 hp
Diesel tank capacity	660 litres / 174 USG
Hyd tank capacity	660 litres / 174 USG
Magnet	
Model	Single Pole Magnetic separator
Type	Self cleaning
Telescopic Natural fines conveyor	
Belt width	650 mm / 26"
Discharge height	3120 mm / 10' 3"
Tracks	
Length (centres)	3715 mm / 12' 2"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical
Transport dimensions	
Length	14,720 m / 48' 3"
Width	2800 m / 9' 2"
Height	3790 m / 12' 5"
Standard weight	50,365 kg / 111,035 lbs
Operating dimensions	
Length	16,040 m / 52' 7"
Width with NF conveyor	6390 m / 20' 11"
Height	4380 m / 14' 4"
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°

Note. All weights and dimensions are for standard units only

STANDARD SPECIFICATION

Feed hopper complete with wear resistant liner
Vibrating feeder (including stepped grizzly)
Single pole overband magnet
Main conveyor with dust covers
Hydraulic jacking legs
Tool kit
Light mast and cabinet lights
Pull stop cords
Belt protection plate under jaw crusher discharge
Central greasing to the jaw crusher and torque arm
Dust suppression spray bars
Level sensor on crushing chamber
Telescopic natural fines conveyor with dust cover
Remote diesel pump
Radio control tracking, proportional

Hydraulic water pump
Heavy duty lined dirt chute
My Fleet telematics

*For option availability please speak with your local Sandvik representative.