



# QJ341 JAW CRUSHER PIONEERING SOLUTIONS FOR YOU

## TECHNICAL SPECIFICATION

**The QJ341 is the largest in the Sandvik Q-Range of tracked jaw crushers. Utilizing 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, reversible jaw, 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. Fitted with 18% Optitooth™ jaw plates as standard.

### KEY BENEFITS

- Efficient hydraulic control system with all controls located at ground level for ease of access and maintenance.
- Full PLC control system and colour screen allowing visual data output of all plant operating parameters.
- 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.
- Fitted with My Fleet remote monitoring system as standard for live monitoring of plant, hours, location, etc.



KEY SPECIFICATIONS	QJ341
Hopper	
Width	2471 mm / 8' 1"
Length	4339 mm / 14' 2"
Level capacity	5.1 m <sup>3</sup> / 6.8 yds <sup>3</sup>
Heaped capacity	9.4 m <sup>3</sup> / 12.3 yds <sup>3</sup>
Rear loading height	4041 mm / 13' 3"
Feeder	
Type	Hyd - variable speed grizzly
Width	1100 mm / 43"
Total length	4000 mm / 13' 1"
Grizzly length	1630 mm / 64"
Standard aperture	35 - 75 mm / 1" - 3"
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"
Tracks	
Length (centres)	3715 mm / 12' 2"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical

KEY SPECIFICATIONS	QJ341
Power pack	
Engine	CAT C9.3B Stage 5 / T4F 280 kW / 375 hp CAT C9.3B Stage 3A Constant Speed 279 kW / 375 hp CAT C9 Tier 3 261 kW / 350 hp
Diesel tank capacity	660 litres / 174 USG
Hyd tank capacity	660 litres / 174 USG
Magnet	
Model	Single Pole Magnetic separator
Type	Self-cleaning suspended
Natural fines conveyor	
Belt width	650 mm / 26"
Discharge height	3120 mm / 10' 3"
Transport dimensions	
Length	14,050 m / 46' 1"
Width	2860 m / 9' 4"
Height	3450 m / 11' 3"
Standard weight	47,520 kgs / 104,763 lbs
Operating dimensions	
Length	15,810 m / 51' 10"
Width	4520 m / 14' 10"
Height	4440 m / 14' 7"
Performance	
Maximum feed size	650 mm <sup>3</sup> / 25.6 inch <sup>3</sup>
Capacity (up to)	400 tph / 440 stph
Travel Speed	0 - 1.3 km/h / 0 - 0.81 mph
Max incline / Side to side	20° / 10°

Note. All weights and dimensions are for standard units only

## STANDARD SPECIFICATION

Feed hopper with wear resistant liners  
Vibrating feeder with stepped grizzly  
Main conveyor with dust covers  
Belt protection plate under jaw crusher discharge  
Central greasing unit, crusher and torque arm  
Pull stop cords  
Remote diesel pump  
Single pole overband magnet  
Telescopic natural fines conveyor c/w dust cover  
Light mast and cabinet lights  
Radio control tracking, proportional  
Level sensor on crushing chamber  
Hydraulic jacking legs  
Dust suppression spray bars  
Tool kit  
Hydraulic water pump  
Heavy duty lined dirt chute  
My Fleet telematics

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