



QJ241 JAW CRUSHER PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The Sandvik QJ241 is the smallest compact tracked jaw crusher in the world leading series of Sandvik tracked crushers. This highly productive yet self-propelled machine brings the revolutionary features of the Sandvik QJ341 to the smaller quarry or demolition site, where operating space is limited, yet high performance demanded.

Compact and mobile, the QJ241 is fitted with a hydraulic raise and lower facility on the main conveyor making it the ideal solution for recycling applications, yet it is equally productive for hard rock 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.
- Hydraulic raise and lower facility on the main conveyor to give increased clearance for rebar discharge in recycling applications.
- Tunnel arrangement to reduce catchment points in recycled materials.
- 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.
- Capable of operating in the most hostile environments with a 50°C ambient temperature capability without any oil changes.
- Fitted with My Fleet remote monitoring system as standard for live monitoring of plant, hours, location, etc.



KEY SPECIFICATIONS	QJ241
Hopper	
Width	1840 mm / 6'
Length	3770 mm / 12' 4"
Level capacity	2.8 m ³ / 3.7 yds ³
Heaped capacity	4.95 m ³ / 6.5 yds ³
Rear loading height	3568 mm / 11' 8"
Feeder	
Type	Hyd - variable speed grizzly
Width	800 mm / 32"
Total length	3580 mm / 11' 9"
Grizzly length	1260 mm / 49"
Standard aperture	35 - 70 mm / 1" - 2"
Crusher	
Type	Single Toggle - C10
Feed opening	1000 mm x 650 mm / 40" x 26"
Speed	up to 312 rpm
Adjustment type	Hyd wedge
CSS range	50 - 130 mm / 2" - 5"
Main conveyor	
Belt width	800 mm / 32"
Discharge height	3444 mm / 11' 3"
Tracks	
Length (centres)	3310 mm / 10' 10"
Width (shoe)	400 mm / 16"
Control	Radio / Umbilical

KEY SPECIFICATIONS	QJ241
Power pack	
Engine	CAT C7.1 Tier 3 168 kW / 225 hp CAT C7.1 Stage 3A Constant Speed 209 kW / 281 hp CAT C7.1 Stage 5 / T4F 168 kW / 225 hp
Diesel tank capacity	660 litres / 174 USG
Hyd tank capacity	660 litres / 174 USG
Magnet	
Model	Single pole magnetic separator
Type	Self cleaning
Natural fines conveyor	
Belt width	650 mm / 26"
Discharge height	1757 mm / 5' 9"
Transport dimensions	
Length	13,900 mm / 45' 7"
Width	2510 mm / 8' 3"
Height	3220 mm / 10' 6"
Standard weight	34,464 kgs / 75,980 lbs
Operating dimensions	
Length	13,740 mm / 45' 1"
Width	4190 mm / 13' 9"
Height	3860 mm / 12' 8"
Performance	
Maximum feed size	520 mm ³ / 21 inch ³
Capacity (up to)	225 tph / 248 stph
Travel speed	0 - 1.10 km/h / 0 - 0.68 mph
Max incline / Side to side	20° / 10°

Note. All weights and dimensions are for standard units only

STANDARD SPECIFICATION

Natural fines conveyor
 Feed hopper complete with wear resistant liners
 Vibrating feeder (complete with stepped grizzly)
 Single pole overband magnet
 Main conveyor complete with dust covers
 Tool kit and contents
 Light mast and cabinet lights
 Pull stop cords
 Belt protection plate under jaw crusher discharge
 Dust suppression spray bars
 Level sensor on crushing chamber
 Remote diesel pump
 Radio control tracking, proportional
 Hydraulic water pump
 Central greasing unit for crusher and torque arm
 My Fleet telematics

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