



SANDVIK QJ341 MOBILE JAW CRUSHER

TECHNICAL SPECIFICATION

The QJ341 is the largest in the Sandvik Q-Range of tracked jaw crushers and the flagship of the range. Utilizing Sandvik's unrivalled design and manufacturing expertise, it is one of the best-selling track mounted mobile jaw crushers in the world today. Designed for quick set-up and ease of operation.

KEY BENEFITS

Reliability	<ul style="list-style-type: none">- Powerful and reliable jaw for maximum performance- Hydraulic drive enables the crusher to start under load maximizing uptime- Premium components selected throughout and FEA analysis on structural parts for durability- Speed wheel fitted to main conveyor to stop the feeder, negating the need to dig out a heavily loaded conveyor- Steel pipe work used extensively to give superior heat dissipation and maximum reliability- Capable of operating in the most hostile environments
Productivity	<ul style="list-style-type: none">- Highly productive 1.20 m x 750 mm / 47" x 29" jaw opening for maximum throughput- Hydraulic CSS jaw setting adjusted using control panel or handset, to avoid interruptions- Load control system for feeder drive and jaw level sensor ensure continuous crushing- Ideal for recycling with reverse crush, overband magnet and hydraulic raise and lower facility on main conveyor for rebar clearance- Full PLC control system with colour screen allowing visual data output & push button adjustment of all plant operating parameters- Tunnel arrangement after jaw discharge prevents material blockages for optimized flow- Connected to Sandvik My Fleet with 7 year data subscription offering 24/7 fleet management, geo-fencing and remote operator support
Cost of ownership	<ul style="list-style-type: none">- Fitted with Optetooth™ jaw plates for extended life, increased throughput and reduced fuel consumption- Latest generation fuel efficient engines provide maximum performance and cost efficiency- Optimized drivetrains to minimize energy losses and best utilize power available- Well-proportioned fuel tank to maximize intervals between refueling
Safety	<ul style="list-style-type: none">- Mandatory audible and visual warning for safe operation whilst tracking and start-up / shut down- Emergency stop buttons and conveyor pull stop cords around the plant for easy access during operation- Wireless radio handset and proportional speed control for safe tracking onsite- Spacious platforms provide safe access for service and maintenance- Dust suppression spray bars and onboard water pump to minimize dust improving operator and onsite safety
Sustainability	<ul style="list-style-type: none">- Optetooth™ jaw plates for reduced CO₂ per ton crushed and 15 % fuel saving- Latest emissions compliant Stage V engine for reduced emissions- Dust suppression system minimizes dust emissions reducing environmental impact





KEY SPECIFICATIONS	QJ341
Hopper	
Width	2.47 m / 8' 1"
Length	4.33 m / 14' 2"
Capacity	9.4 m ³ / 12.3 yds ³
Rear loading height	4.04 m / 13' 3"
Feeder	
Type	Hyd - variable speed grizzly
Width	1100 mm / 43"
Total length	4.00 m / 13' 1"
Grizzly length	1630 mm / 64"
Standard aperture	35 - 75 mm / 1" - 3"
Crusher	
Type	Single toggle C12 jaw
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	3.89 m / 12' 9"
Tracks	
Length (centres)	3.71 m / 12' 2"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical

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Power pack	
Engine	CAT C9.3B Stage 5 / T4F 280 kW / 375 hp CAT C9 T3 261 kW / 350 hp CAT NR4 (China) 280 kW / 375hp
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	3.12 m / 10' 3"
Transport dimensions	
Length	14.15 m / 46' 4"
Width	2.86 m / 9' 4"
Height	3.43 m / 11' 3"
Standard weight	50,000 kg / 110,231 lbs
Operating dimensions	
Length	15.81 m / 51' 10"
Width	4.52 m / 14' 10"
Height	4.44 m / 14' 7"
Performance	
Maximum feed size	650 mm ³ / 25.6 inch ³
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
 Telescopic natural fines conveyor with dust cover
 Main conveyor with dust covers
 Single pole overband magnet
 Tool kit
 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, crusher and torque arm
 Hydraulic jacking legs
 Heavy duty lined dirt chute
 My Fleet telematics with 7 years data subscription

For option availability please speak with your local Sandvik representative

* Application specific. Please contact a Sandvik representative for clarification on specifications and options
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