



# 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

<b>Reliability</b>	<ul style="list-style-type: none"><li>- Powerful and reliable jaw for maximum performance</li><li>- Hydraulic drive enables the crusher to start under load maximizing uptime</li><li>- Premium components selected throughout and FEA analysis on structural parts for durability</li><li>- Speed wheel fitted to main conveyor to stop the feeder, negating the need to dig out a heavily loaded conveyor</li><li>- Steel pipe work used extensively to give superior heat dissipation and maximum reliability</li><li>- Capable of operating in the most hostile environments</li></ul>
<b>Productivity</b>	<ul style="list-style-type: none"><li>- Highly productive 1.20 m x 750 mm / 47" x 29" jaw opening for maximum throughput</li><li>- Hydraulic CSS jaw setting adjusted using control panel or handset, to avoid interruptions</li><li>- Load control system for feeder drive and jaw level sensor ensure continuous crushing</li><li>- Ideal for recycling with reverse crush, overband magnet and hydraulic raise and lower facility on main conveyor for rebar clearance</li><li>- Full PLC control system with colour screen allowing visual data output &amp; push button adjustment of all plant operating parameters</li><li>- Tunnel arrangement after jaw discharge prevents material blockages for optimized flow</li><li>- Connected to Sandvik My Fleet with 7 year data subscription offering 24/7 fleet management, geo-fencing and remote operator support</li></ul>
<b>Cost of ownership</b>	<ul style="list-style-type: none"><li>- Fitted with Optitooth™ jaw plates for extended life, increased throughput and reduced fuel consumption</li><li>- Latest generation fuel efficient engines provide maximum performance and cost efficiency</li><li>- Optimized drivetrains to minimize energy losses and best utilize power available</li><li>- Well-proportioned fuel tank to maximize intervals between refueling</li></ul>
<b>Safety</b>	<ul style="list-style-type: none"><li>- Mandatory audible and visual warning for safe operation whilst tracking and start-up / shut down</li><li>- Emergency stop buttons and conveyor pull stop cords around the plant for easy access during operation</li><li>- Wireless radio handset and proportional speed control for safe tracking onsite</li><li>- Spacious platforms provide safe access for service and maintenance</li><li>- Dust suppression spray bars and onboard water pump to minimize dust improving operator and onsite safety</li></ul>
<b>Sustainability</b>	<ul style="list-style-type: none"><li>- Optitooth™ jaw plates for reduced CO<sub>2</sub> per ton crushed and 15 % fuel saving</li><li>- Latest emissions compliant Stage V engine for reduced emissions</li><li>- Dust suppression system minimizes dust emissions reducing environmental impact</li></ul>





KEY SPECIFICATIONS	QJ341
<b>Hopper</b>	
Width	2470 mm / 8' 1"
Length	4330 mm / 14' 2"
Capacity	9.4 m <sup>3</sup> / 12.3 yds <sup>3</sup>
Rear loading height	4040 mm / 13' 3"
<b>Feeder</b>	
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"
<b>Crusher</b>	
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" *
<b>Hydraulically lowering main conveyor</b>	
Belt width	1000 mm / 39"
Discharge height	3890 mm / 12' 9"
<b>Tracks</b>	
Length (centres)	3710 mm / 12' 2"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical

KEY SPECIFICATIONS	QJ341
<b>Power pack</b>	
Engine	CAT C9.3B Stage 5 / T4F 280 kW / 375 hp CAT C9 T3 261 kW / 350 hp
Diesel tank capacity	660 litres / 174 USG
Hyd tank capacity	660 litres / 174 USG
<b>Magnet</b>	
Model	Single Pole Magnetic separator
Type	Self-cleaning suspended
<b>Natural fines conveyor</b>	
Belt width	650 mm / 26"
Discharge height	3120 mm / 10' 3"
<b>Transport dimensions</b>	
Length	14.15 m / 46' 4"
Width	2.86 m / 9' 4"
Height	3.43 m / 11' 3"
Standard weight	50,147 kg / 110,555 lbs
<b>Operating dimensions</b>	
Length	15.81 m / 51' 10"
Width	4.52 m / 14' 10"
Height	4.44 m / 14' 7"
<b>Performance</b>	
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
- 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

For option availability please speak with your local Sandvik representative

\* Application specific. Please contact a Sandvik representative for clarification on specifications and options  
Sandvik reserves the right to make changes to the information on this data sheet without prior notification to users