



QJ341+ JAW CRUSHER PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The QJ341+ is a new addition to our bestselling QJ341 jaw crusher range. This model will come with the added benefit of a double deck pre-screen as standard. This will enable the removal of a large amount of 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.

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 Danfoss 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.
- Available with a choice of CAT or Volvo engine.



| KEY SPECIFICATIONS | QJ341+ |
|---|---|
| Hopper | |
| Type | Hyd folding - self locking side and rear 15 mm / 5/8" thick |
| Width | 2435 mm / 7' 11 7/8" |
| 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 1/2" |
| Rear loading height hopper extensions | 4618 mm / 15' 2" |
| Rear loading width hopper extensions | 4073 mm / 13' 4 3/8" |
| Feeder | |
| Type | Hyd - variable speed primary pan |
| Drive | Twin out of balance motors |
| Width | 1024 mm / 3' 4 1/4" |
| 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 1/2" x 6' 7 1/2" |
| Bottom deck size | 1108 x 1500 mm / 3' 7 1/2" x 4' 11" |
| Standard top deck aperture | 50 - 70 mm / 2" - 2 3/4" |
| Standard bottom deck aperture | 40 mm / 1 1/2" |
| Crusher | |
| Type | Single toggle - C12 |
| Feed opening | 1200 mm x 750 mm / 47" x 29" |
| Speed | 283 rpm |
| Adjustment type | Hyd wedge |
| Drive | Hyd via V belts |
| CSS range | 50 - 160 mm / 2" - 6 3/8" |
| Motor type | Danfoss |
| Motor cc | 250 cc / 15.25 cu inch |
| Hydraulically lowering main conveyor | |
| Belt width | 1000 mm / 39 1/2" |
| Belt length (endless) | 24,800 mm / 81' 4 3/8" |
| Discharge height | 3894 mm / 12' 9 1/4" |
| Drive | High pressure hyd radial piston motor |
| Motor CC | 560 cc / 34.17 cu inch |

Note. All weights and dimensions are for standard units only

OPTIONS

Wear resistant hopper liner plates back and sides
Hopper extensions for rear loading
Belt protection plate under jaw crusher discharge
Central auto lube (all bearings)
Pull stop cords on the main and natural fines conveyor
Hydraulic breaker arm complete with hammer
Main conveyor dust covers
Remote diesel pump (electric)
Water pump (hydraulic)
Arctic package -20°C (-4°F) (32 grade hydraulic oil and engine oil)
Arctic package -30°C (-22°F) (arctic hydraulic oil, engine oil, webasto coolant heater and grease)
Heavy duty twin pole overband magnet
Overband magnet
Intelligent line multi-machine communication

| KEY SPECIFICATIONS | QJ341+ |
|-------------------------------|---|
| Engine | |
| Engine type | Stage 3A / Tier 3 CAT C9 Acert Stage 3A CAT C9 Acert Fixed Speed (Europe only) Stage 3B / Tier 4i CAT C9.3 Acert Stage 4 / Tier 4 Final CAT C9.3 Acert Stage 4 / Tier 4 Final Volvo D11 |
| Engine power | 261 kW / 350 hp (CAT) 279 kW / 374 hp (Fixed Speed) 265 kW / 355 hp (Volvo) |
| Diesel tank capacity | 660 litres / 174 USG |
| Hyd tank capacity | 660 litres / 174 USG |
| Magnet (option) | |
| Model | Eriez CP 20 / 100 SC2 |
| Weight | 1015 kg / 2238 lbs |
| Belt width | 750 mm / 29 1/2" |
| Height from belt | Adjustable |
| Type | Self cleaning |
| Natural fines conveyor | |
| Belt width | 650 mm / 25 1/2" |
| Belt length (endless) | 11,310 mm / 37' 1 1/4" |
| Discharge height | 3128 mm / 10' 3 1/8" |
| Drive | High pressure hyd radial piston motor |
| Motor CC | 255 cc / 15.56 cu inch |
| Tracks | |
| Length (centres) | 3715 mm / 12' 2" |
| Width (shoe) | 500 mm / 19 3/4" |
| Drive | Prop hyd / Gearbox |
| Control | Radio / Umbilical |
| Transport dimensions | |
| Length | 14.72 m / 48' 3 1/2" |
| Width | 2.80 m / 9' 2" |
| Height | 3.79 m / 12' 5 1/4" |
| Cubic volume | 160 m ³ / 5650 ft ³ |
| Standard weight | 48,823 kg / 107,636 lbs |
| Operating dimensions | |
| Length | 16.04 m / 52' 7 1/2" |
| Width with NF conveyor | 6.39 m / 20' 11 3/4" |
| Width without NF conveyor | 3.50 m / 11' 6" |
| Height | 4.38 m / 14' 4 1/2" |
| 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° |

Main conveyor level sensor (stockpile monitor)
Lighting mast and cabinet lights
Engine filter kit 250 hours (air and oil filters for 3A engines only)
Plant and engine filter kit 500 hours
Head drum guard main conveyor
Underguards for the main conveyor
Head drum guard natural fines conveyor
Underguards for the natural fines conveyor
Radio remote control
Jaw crusher level sensor
Hydraulic jacking legs
Pre screen grizzly apertures 35 - 55 mm and 65 - 85 mm
Pre screen punch plates 45, 60, 75 mm
Pre screen bottom mesh 34, 45, 60, 75 mm
Pre screen bottom blanking rubber for recycle