1. Heavy duty shaft and bearings with automatic greasing system as standard

2. Level sensor to optimize feed rate into the crusher (optional)

3. Heavy duty torque arm and bent axis motor enable easy belt adjustment

4. Jaw guard to withstand heavy forces of ejected material from the jaw

5. Mn corrugated jaw plates

6. Extended cheek plates to reduce blockages in chamber and add rigidity and strength to crusher feed chute

7. Bolted mainframe for maximum strength and durability

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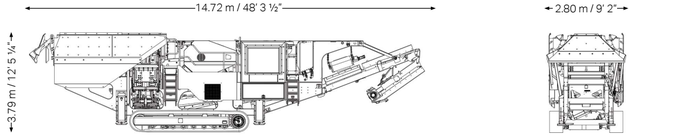
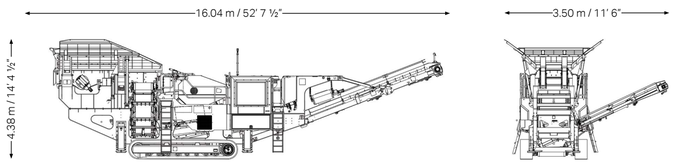
TECHNICAL SPECIFICATIONS

QJ341+	
Crusher	
Type	Single Toggle - C12
Feed opening	1200 mm x 750 mm / 47" x 29"
Speed	283 rpm
Adjustment type	Hydraulic wedge
Drive	Hydraulic via V belts
CSS range	50 - 160 mm / 2" - 6 ⅜"

QJ341+	
Power pack	
Engine	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
Hydraulic tank capacity	660 litres / 174 USG

Note. All weights and dimensions are for standard units only





Standard weight 48,823 kg / 107,636 lbs

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QJ341+ JAW CRUSHER E-MOTION

A WORLD LEADING JAW CRUSHER

QJ341+ JAW CRUSHER
ENGINEERING IN MOTION

KEY SPECIFICATIONS	DATA
Equipment	Single toggle C12 jaw crusher
Feed opening	1200 mm x 750 mm / 47" x 29"
Optimum feed size	650 mm³ / 25.6"³
Engine	C9 / C9.3 Acert 261 kW / 350 hp C9 Acert 279 kW / 374 hp (Fixed Speed Europe only) Volvo D11 265 kW / 355 hp
Transport dimensions	14.72 m / 48' 3½" (l) 2.80 m / 9' 2" (w) 3.79 m / 12' 5 ¼" (h)
Weight	48,823 kg / 107,636 lbs

WORLD LEADING JAW CRUSHER SERIES

The QJ341+ jaw crusher comes equipped with a primary pan feeder, double deck independent pre-screen and extended telescopic natural fines conveyor as standard. The pre-screen features a stepped grizzly, under screen mesh and carrying rubber. This system has been designed to work with the most difficult and robust material. Greater efficiency, reduced wear and ultimately higher productivity will result in applications with high fines content or sticky materials.

Our QJ341+ shares the same key characteristics as the standard model. These include hydraulic adjustment, reversible jaw and hydraulic drive to enable the crusher to start under load, thereby minimizing downtime. Additional features of the QJ341+ include a telescopic natural fines conveyor with an increased discharge height and a three position by-pass chute to increase flexibility in material distribution. A new design of self-locking hopper has also been incorporated for safe and easy set-up from ground level.

With its large feed opening and unique crushing geometry our QJ341+ will offer you a reliable, durable and high performance mobile jaw crusher like no other.

FEATURES INCLUDE:

- Double deck pre-screen for efficient removal of fines
- Emissions compliant 261 kW / 350 hp engine for powerful cost efficient performance
- Automatic central lubrication system to reduce maintenance time
- Reverse crushing action to relieve blockages, crush sticky problematic materials and asphalt
- Full PLC control system and colour screen allowing visual data output of all plant operating parameters
- Designed for optimum fuel economy and low operating costs.

2 Primary Pan Feeder
- Large capacity fully lined heavy duty primary pan feeder
- Automatic load control system to co-ordinate flow of material to the pre-screen

3 Pre-Screen
- Highly efficient double deck pre-screen
- Choice of top deck and screen media
- Three position by-pass chute to increase flexibility in material distribution
- Steep dirt chute for faster fines transfer, also increasing the ability to deal with sticky material

5 Power pack
- 261 kW / 350 hp emissions compliant CAT engine
- Also available with a 265 kW / 355 hp Volvo engine and 279 kW / 374 hp CAT Fixed Speed engine (Europe only)
- Easy access to engine compartment for service and maintenance
- Ground level drainage points
- Large capacity 660 litre / 174 USG diesel tank

6 Cooling fan
- Efficient variable speed hydraulically driven cooling fan with auto reverse to back flush dust from radiator

4 Jaw
- High performing 1200 x 750 mm / 47 x 29" jaw
- Hydraulically adjustable CSS for a variety of applications
- Hydraulically driven with reversible crushing action to relieve blockages and for crushing asphalt
- Jaw level sensor available for optimum regulation of material flow into the crusher (optional)

7 Main conveyor
- 1000 mm / 39 ½ " wide conveyor with a discharge height of 3894 mm / 12' 9 ¼"
- Hydraulic raise / lower facility to give increased clearance for rebar discharge in recycling applications
- Low drag conveyor for maximum power transfer and efficiency
- Highly efficient radial piston and bent axis motors fitted to reduce hydraulic flow rates, increase efficiency and torque
- Tunnel arrangement to reduce catchment points in recycled materials
- Speed wheel fitted to the main conveyor to stop the feeder
- Overband magnet removes rebar for recycling and demolition applications (optional)
- Dust suppression spray bars fitted as standard
- Canvas covers (optional)

1 Hopper
- Self-locking hopper for quick and safe set-up from ground level
- Reinforced hopper sides with adjustable steel support beams
- Wear resistant liner plates (optional)

12 Natural fines conveyor
- Telescopic natural fines conveyor with a discharge height of 3128 mm / 10' 3 ⅛"
- Belt width 650 mm / 25 ½"

8 Chassis
- Heavy duty fabricated chassis on a tracked frame
- Hydraulic legs for increased stability and servicing capabilities (optional)

11 Steel pipework
- Provides a safe and maintenance-free sealing solution, combined with better heat dissipation

10 Tracks
- 500 mm / 19 ¾" wide tracks driven by proportional umbilical control
- Radio remote (optional)

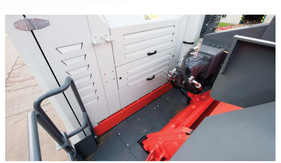
9 Control system (other side of machine)
- Highly efficient hydraulic system
- User friendly PLC control system with colour screen for full automated control

STANDARD FEATURES

Double deck pre-screen

User friendly PLC control system with colour screen


Telescopic natural fines conveyor


Easy access to engine department

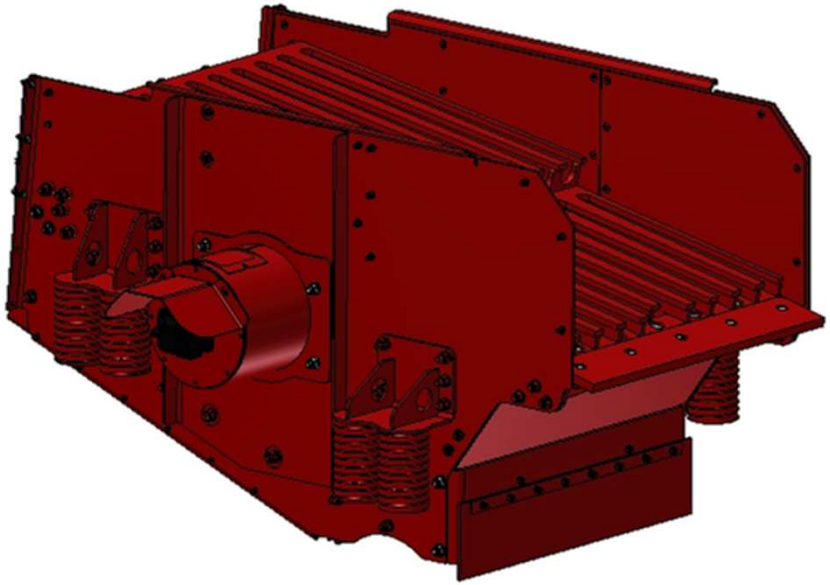

Three position by-pass chute


Extended main conveyor for massive stockpiling

QJ341+ (PRE SCREEN)

- Flexibility

- Top deck has a choice of 3 sizes of grizzly and punch plates
- Mesh under-screen to produced a sized material from the NF conveyor
- Bottom deck is solid carrying rubber
- Sales spin it’s a triple deck
- Heavy duty bent axis motor for performance and efficiency
- Fixed speed
- Huge open area for scalping capability
- Easy material distribution due to bottom deck rubber



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QJ341+ (PRE SCREEN)

- Why Is It more Efficient Than A QJ341?

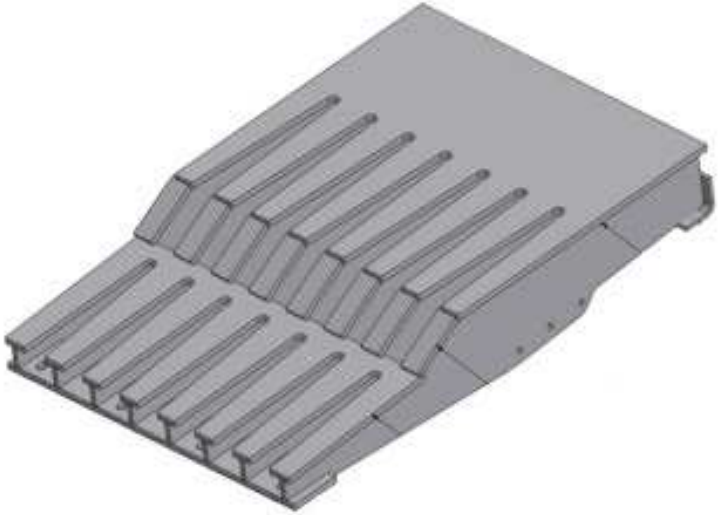
- The pre screen grizzly section is twice as long in the open area (2.0m)

- The actual open area itself has gone from 25% to 51%

- The decline on the decks (9°/18°/21°) keep the material moving better

- The fixed speed on the pre screen keeps the material moving at a constant rate

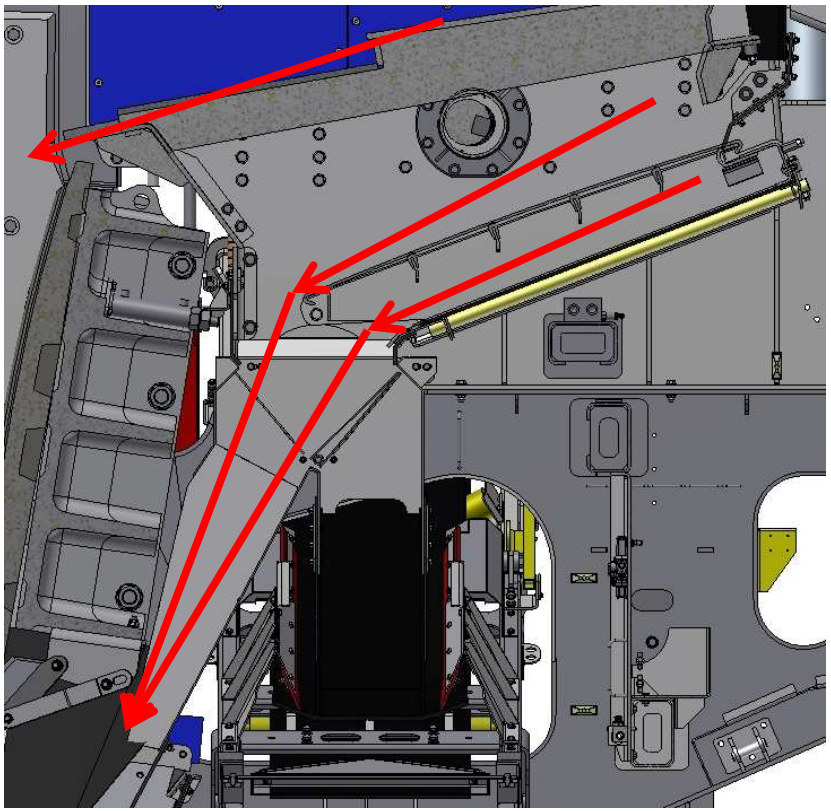
- The action of the pre screen is constant



QJ341+ (PRE SCREEN)

- Material Distribution

- The dirt chute has a 3 position door so material can be distributed 3 different ways
- This can all be done without removing any media
- Position 1
    - Material retained on the top deck goes into the crusher
    - NF conveyor not in use
    - All material that passes the top deck goes down the dirt chute onto the main conveyor



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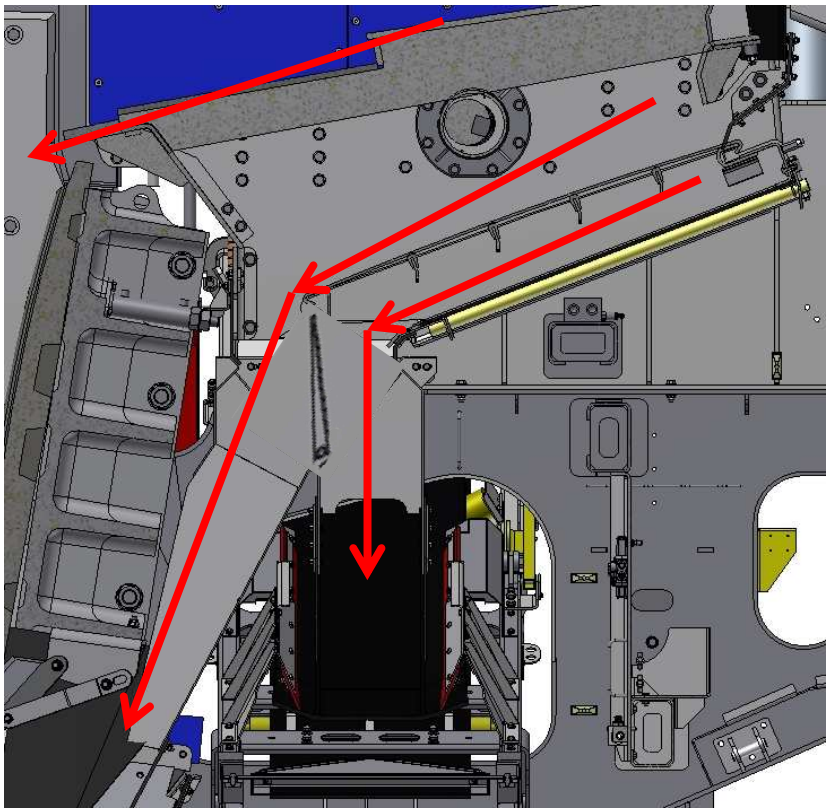
QJ341+ (PRE SCREEN)

- Material Distribution
- Position 2
  - Material retained on the top deck goes into the crusher
  - NF conveyor used. Sized material that passes through the screen mesh is carried onto the NF conveyor by the bottom deck rubber
  - All material that passes the top deck but retained on the screen mesh goes down the dirt chute onto the main conveyor



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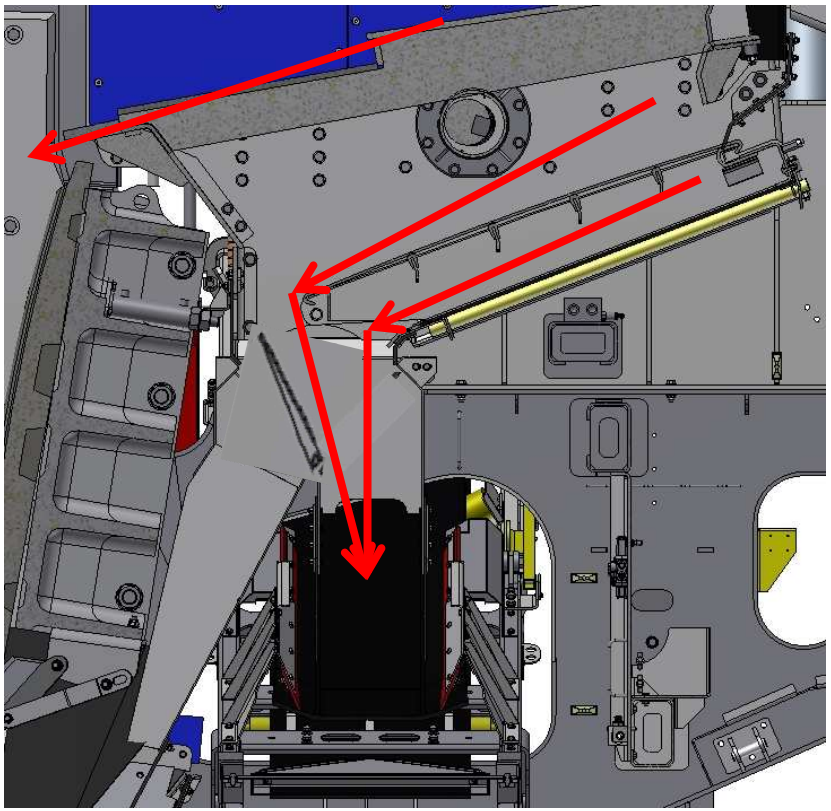
QJ341+ (PRE SCREEN)

- Material Distribution
- Position 3
  - Material retained on the top deck goes into the crusher
  - NF conveyor fully utilised. All material that passes through the top deck is falls onto the NF conveyor
  - Uncontrolled size out of the NF conveyor unless a punch plate is fitted
  - No material goes onto the main conveyor



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