All specifications are current as of this printing, but are subject to change.
DESCRIPTION

Heavy duty track mounted Crusher with following features:

- 1016 (40") x 610 (24") single toggle jaw.
- 225Hp C6.6 Cat engine.
- Track or Track c/w Wheel bogie.
- Integrated hydraulic folding hopper.
- Integrated hydraulic folding stockpiling conveyors.
- I-beam plate fabricated chassis construction.
- Large gap between crusher discharge and main conveyor feedboot
- Open chassis design for ease of maintenance
- Fast setup time

DIMENSIONS AND WEIGHTS

Length - working 12.74m (41’ – 10")
Length - transport 12.69m (41’ – 7.5”)
Width - transport 2.5m (8’ - 2.5”)
Height - transport 3.2m (10’ - 6")
Weight 31,000 Kgs (68,343 lbs) with side conveyor, no magnet conveyor.

CAPACITIES

Diesel tank capacity 465 L (123 US gal)
Hydraulic tank capacity 1000 L (264 US Gals)

CRUSHING CHAMBER

Feed opening 1016 (40") x 610 (24")
Crusher speed 280 rpm
Crusher Drive Hydraulic – Banded V-Belts
Min. opening 51mm (2") *Note Applications
Max. opening 152mm (6")
Jaw weight 10,000Kgs
Closed side setting adjustment Direct hydraulic ram adjust system
Motor Kawasaki axial piston 280cc/rev
Flow rate 315 Lpm (83.2 US gpm)
Level sensor Ultrasonic
Load sensor Hydraulic

GRIZZLY FEEDER

Feeder width 950mm (37.4")
Feeder length 3700mm (12’ - 1.6")
Drive Hydraulic direct drive
Grizzly section opening Tapered 40-61mm (1.5” – 2.5”)
Grizzly section length 1550mm (61")
Motor David Brown MCC 1911 51.8cc/rev
Flow rate 68.4 Lpm (18.1 US gpm)
Adjustable speed Yes – via mechanical Flow Control
Variable speed Yes – via electrical proportional
Maximum speed 977rpm

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**HOPPER**

Length: 4180mm (13’ – 8.5”)
Width: 2064mm (6’ – 9”)
Volume: 5.4m$^3$ (7.4yd$^3$)
Material: 8mm Hardox sides
Locking system: Wedge type and toggle

**SIDE CONVEYOR**

Stockpile height: 2100mm (6’ – 10.5”)
Belt width: 650mm (26”)
Belt spec: EP 400/3 3+1.5
Drive drum dia.: 220mm (8.6”)
Tail drum dia.: 220mm (8.6”) - spoked
Motor: OMT400
Flow rate: 43.7 Lpm (11.5 US gpm)
Adjustable speed: YES
Maximum speed: 109 rpm

**MAIN CONVEYOR**

Stockpile height: 3054mm (10’)
Belt width: 900mm (36”)
Belt spec: Plain 500/3 8+2
Drive drum dia.: 285mm (11.2”)
Tail drum dia.: 270mm (10.6”) - spoked
Motor: OMV630
Flow rate: 87.4 Lpm (23.1 US gpm)
Maximum speed: 138.7 rpm
Angle adjustable: OPTION
Quick release: YES

**POWERUNIT AND HYDRAULICS**

Engine: CAT C6.6
Engine power: 166 kW (225 HP)
Engine speed: 1900 rpm
Flywheel Pump 1: Kawasaki K3V140DT (set at 83cc/rev)
LH PTO Pump 2: David Brown 5036 5023
Front PTO Pump 3: David Brown 5046 2SPA11
Total system flow: 535.8 Lpm (141.5 US Gpm)
Hydraulic tank capacity: 1000 L (264 US Gals)
Hydraulic tank ratio: 1.87 : 1
Hydraulic Oil cooler: YES

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### ELECTRICS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency stops</td>
<td>4 off, 2 feeder, 2 powerunit</td>
</tr>
<tr>
<td>Chassis cabling</td>
<td>Armored cable</td>
</tr>
<tr>
<td>Start Siren</td>
<td>YES - 10 sec delay</td>
</tr>
<tr>
<td>Control panel</td>
<td>JMG</td>
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<tr>
<td>Engine shutdowns:</td>
<td>Low oil pressure</td>
</tr>
<tr>
<td></td>
<td>High water temp</td>
</tr>
<tr>
<td></td>
<td>Air filter blockage (selectable)</td>
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<tr>
<td></td>
<td>Fuel contamination</td>
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<tr>
<td></td>
<td>Low hydraulic tank level</td>
</tr>
<tr>
<td></td>
<td>High hydraulic oil temperature</td>
</tr>
<tr>
<td>Radio control tracks</td>
<td>OPTION - Hetronic system</td>
</tr>
<tr>
<td>Pendant track control</td>
<td>YES - plugged in control cabinet</td>
</tr>
</tbody>
</table>

### TRACKS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>400mm (15.7&quot;)</td>
</tr>
<tr>
<td>Length</td>
<td>2920mm (9' - 7&quot;) crs</td>
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<tr>
<td>Height</td>
<td>736mm (29&quot;)</td>
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<tr>
<td>Gearbox</td>
<td>Bonfiglioli 709</td>
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<tr>
<td>Ratio</td>
<td>122:1</td>
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<tr>
<td>Motor</td>
<td>Rexroth 63</td>
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<tr>
<td>Speed max</td>
<td>1.8 Kph (1.1 Mph)</td>
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<tr>
<td>Flow rate</td>
<td>100 Lpm (26.4 US gpm)</td>
</tr>
<tr>
<td>Attachment to chassis</td>
<td>Bolt On for quick change</td>
</tr>
</tbody>
</table>

### OPTIONS

- Roll-in bogie system
- Main conveyor variable speed control
- Interlock system
- Hopper Extensions
- Overband magnet
- Water Pump and dust suppression system
- Quarry or recycling jaw dies
- Crusher Deflector Plate – (Belt Protection) STANDARD
- Work lights
- Belt Scale

### SAFETY FEATURES

- External belt alignment points
- External grease points
- Engine safety shutdown systems
- Full safety guarding for nip points

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