**5256T IMPACT CRUSHER**

**HIGH-VOLUME CRUSHING PLANT**
- Large Horizontal Impact Crusher
- Patented Crusher Relief System™
- Performs Multi-Stage Crushing

**5256T SPECIFICATIONS**
- Height: 11'-6" (3.51m)
- Length: 59'-6" (18.14m)
- Width: 11'-2" (3.4m)
- Total Weight: 119,000 lbs. (53,980Kg)

**USA-made Grade 80 steel hopper sides and other vital parts for unmatched strength and durability**

**Large 52" diameter x 56" wide (1,320mm x 1,420mm) rotor for multi-stage crushing with two hydraulically adjustable curtains**

**Available with CAT® C13 ACERT or Volvo® D13 diesel engine, both Tier IV Final. Transfluid® fluid coupling eliminates expensive mechanical clutch or hydraulic issues**

**Directionally reversible, 54" (1,370mm) wide conveyor with impact bed and guide idlers creates maintenance-free material flows**

**16'-0" (4.88m) long hopper with 52" x 15'-0" (1,320mm x 4.57m) vibratory grizzly feeder**

**Patented and remote-controlled Crusher Relief System™ clears blockages and minimizes downtime**

**Standard cross-belt magnet with stainless steel cladding and chutes to prevent magnetic material build-up**

**Dust suppression included, pre-chamber, post-chamber and at discharge**

**Large 52" diameter x 56" wide (1,320mm x 1,420mm) rotor for multi-stage crushing with two hydraulically adjustable curtains**

**SmartWatch™ digital control panel provides complete performance information and alerts the operator of any potential issues**

**12'-9" (3.9m) discharge height on main conveyor**

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5256T Impact Crusher Specifications

**OPERATING DIMENSIONS**

**TRANSPORT DIMENSIONS**

**CRUSHER**
- 52" diameter x 56" wide rotor (1,320mm x 1,420mm)
- Crusher Relief System™ with 6" (152mm) raise feature
- Feed inlet opening: 56" wide x 38" high (1,420mm x 960mm)
- Multi-stage crushing with 2 hydraulically adjustable curtains
- Maximum primary curtain adjustment — 8" (203mm); maximum secondary curtain adjustments — 9" (228mm)
- 4-bar rotor design — 2 live (low chrome ceramic) bars and 2 inactive (low chrome steel) "dummy bars"
- Variable speed rotor

**POWER SYSTEMS and CONTROLS**
- CAT® ACERT C13 475 HP Tier IV Final diesel engine (or)
- 150 gallon (568L) baffled hydraulic tank and oil cooler
- 275 gallon (1,041L) diesel fuel tank capacity
- Lockable control panel and engine compartment

**VIBRATORY GRIZZLY FEEDER**
- 52" x 15'-0" (1,320mm x 4.57m) feeder with auto stop-start feed
- Hopper length: 16'-0" (4.88m); hopper capacity: 10.5 cu. yard (8.03m³)
- Feed width: 6'-11" (2.11m); feed height 11'-6" (3.51m)
- AR 400 grizzly bar material with 1.5" (38mm) nominal opening
- Grizzly/crusher bypass lever for fines removal
- Remote control vibratory feeder speed: 575-850 RPM
- Walls and floor feature AR400 replaceable liners
- USA-made Grade 80 Steel 1/2" (12.7m) hopper walls

**PERMANENT MAGNET**
- Fully adjustable cross belt magnet
- Suspended by chains, with stainless steel chutes on both sides
- Stainless armor clad with flights for extended belt life
- UHMW impact bed under main belt
- On/Off and variable speed control

**CONVEYORS**
- 54" (1,370mm) wide 600 PIW main discharge belt
- Martin® Pit Viper belt cleaner for main belt
- Precision® head and tail pulleys with spherical bearings
- Impact bed lined with ultra-high molecular weight plastic (UHMW)
- Dodge® gear reducer with hydraulic drive motor
- Rubber disc return rollers to prevent material sticking
- Wing type tail pulleys for reliable uptime productivity
- Herringbone/legged head pulley
- Main and side fines belts are directionally reversible

**UNDERCARRIAGE and BUILD-OUT STRUCTURE**
- Heavy-duty tracked undercarriage
- USA-made Grade 80 steel unibody frame
- 4 emergency shut-off safety stops (1 wireless remote shut-down)
- Remote control operation and travel
- Blow bar wear life measuring tool
- Blow bar lifting tool

**LOADING OPERATION**
- 2 - 8 cu. yard loader (1.5m³ - 6.12m³)

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**Height** | **Length** | **Width** | **Weight** | **Hopper Opening** | **Crusher Opening** | **Rotor** | **Main Conv. Width** | **Discharge Height** | **Fines Conv. Width** | **Discharge Height** | **Engine** | **Crusher Speed** | **Tracks** | **Fuel Capacity** | **Hydraulic Capacity**
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11'-6" | 59'-6" | 11'-2" | 119,000lbs | 6'-11"x16" | 56"x38" | 52"x56" | 54" | 12'-9" | 24" | 7'-4" | CAT C13 (or Volvo) | 600-700 RPM | 24" wide | 275gal | 150gal
3.5m | 18.14m | 3.4m | 53,980Kgs | 2.11m | 1,420mm | 965mm | 1,370mm | 3.89m | 610mm | 2.29m | D13 diesel | | | | |