

## A TRUE CRUSHING WORKHORSE

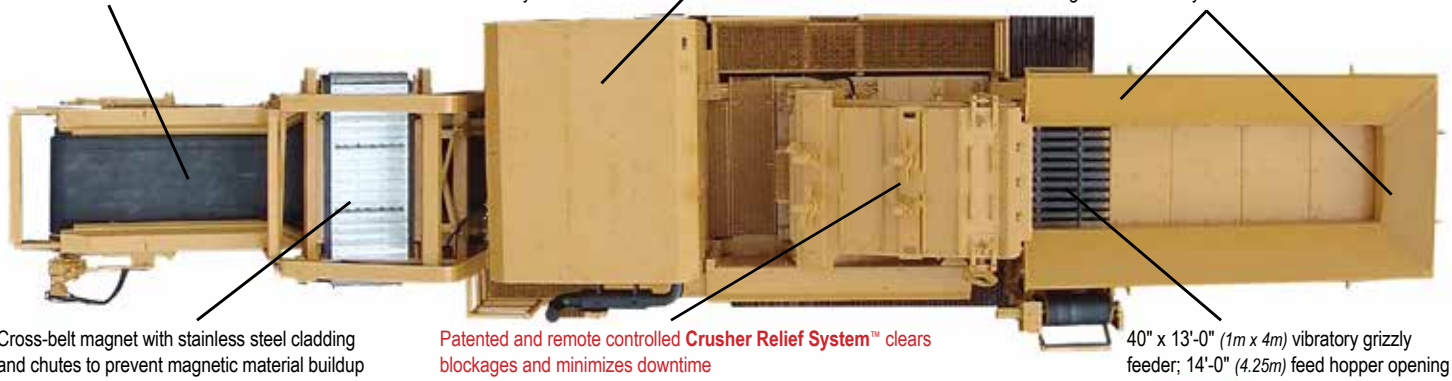
- Mid-Size, Heavy-Duty Impact Crusher
- Ideal For Concrete, Asphalt, Rock
- Patented Crusher Relief System™



Directionally reversible, 42" (1,066mm) wide conveyor with impact bed and guide idlers creates maintenance-free material flows

Choice of CAT® C9.3B 376 HP (280kw) Tier IV Final diesel engine (or) Volvo® D11 355 HP (265kw) Tier IV Final diesel engine. Transfluid® fluid coupling eliminates expensive mechanical clutch or hydraulic issues

Key components manufactured with USA-made Grade 80 steel construction for unmatched strength and durability



Cross-belt magnet with stainless steel cladding and chutes to prevent magnetic material buildup

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

40" x 13'-0" (1m x 4m) vibratory grizzly feeder; 14'-0" (4.25m) feed hopper opening



Multiple fixed catwalks and lockable access doors for safety and ease of maintenance

Digital control panel monitors all machine activity and updates the operator of any potential issues

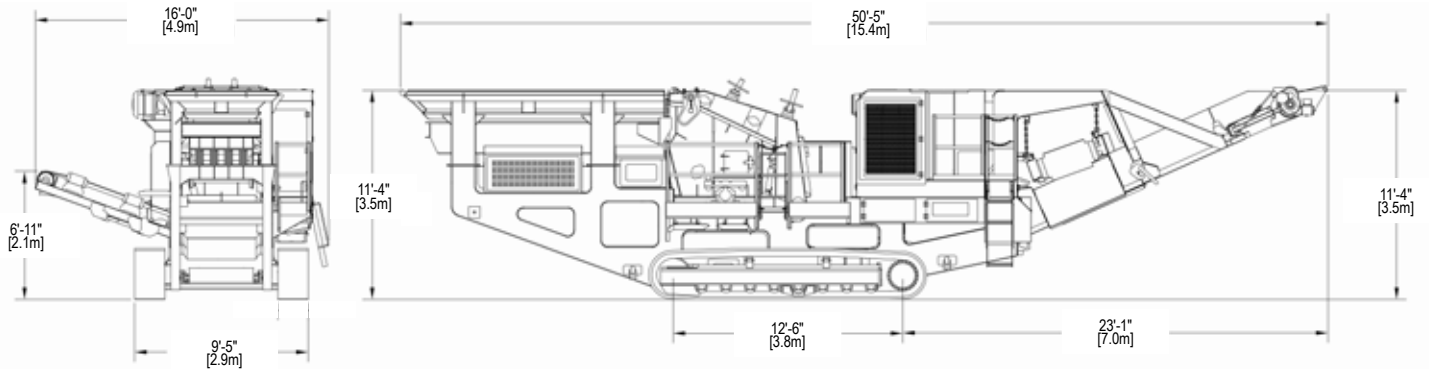
### 4043T OPERATING SPECIFICATIONS

Height	11'-6"	3.5m
Length	50'-5"	15.4m
Width	9'-10"	3.0m
Total Weight	83,000 lbs.	37,650kg

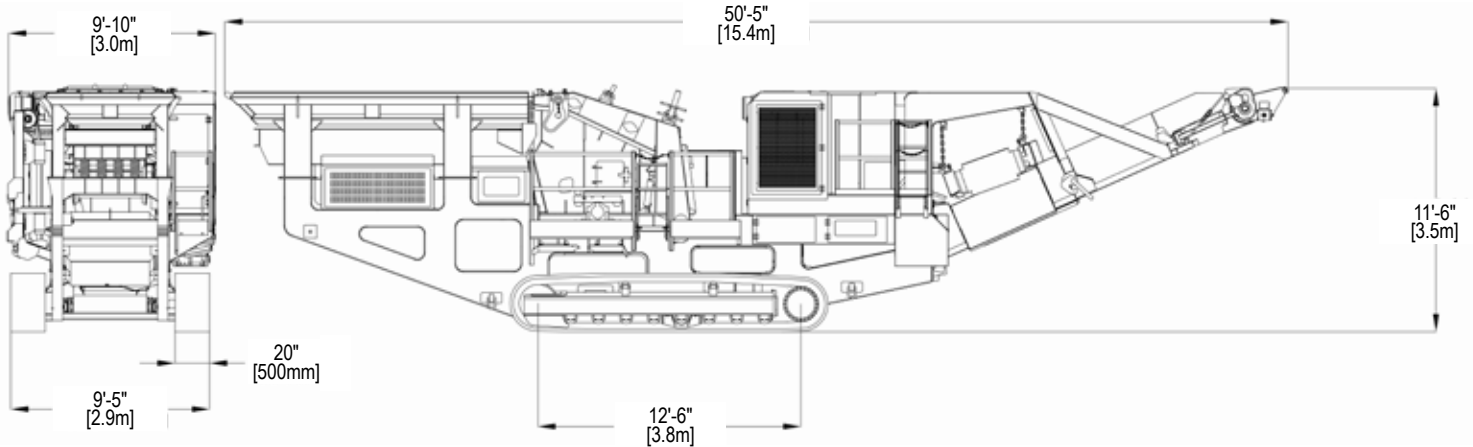
24" (610mm) fines belt with 6'-11" (2.1m) discharge height

Heavy-duty tracked undercarriage with easy-to-use wireless remote control, for quick and efficient set-up and operation





## TRANSPORT DIMENSIONS



### CRUSHER

- 40" diameter rotor x 43" wide (1,016mm x 1,092mm) impact crusher
- Lid Crusher Relief System™ with 6" (152mm) raise feature
- Feed inlet opening: 43" wide x 28" high (1,092mm x 711mm)
- 2 adjustable curtains (apron wrench tool provided)
- Maximum primary curtain adjustment of 8" (203mm)
- 4-bar rotor design, 2 live (low chrome ceramic) bars and 2 inactive bars

### POWER SYSTEMS and CONTROLS

- CAT® C9.3B 376 HP (280kw) Tier IV Final diesel engine (or)
- Volvo® D11 355 HP (265kw) Tier IV Final diesel engine
- 150 gallon (568L) baffled hydraulic tank and oil cooler
- 175 gallon (662L) diesel fuel tank capacity
- Lockable control panel and engine compartment

### VIBRATORY GRIZZLY FEEDER

- Automatic stop/start, feed matched to crusher speed
- Feed height 11'-4" (3.5m)
- Feed length 13'-0" Long (4.0m)
- Feed width 5'-11" (1.8m)
- 1/2" (12.7mm) USA-made Grade 80 steel hopper walls
- AR 400 grizzly bar material with 1.5" (38mm) nominal opening
- Grizzly/crusher bypass lever for fines removal
- Remote control vibratory feeder speed (600-850 RPM)

### UNDERCARRIAGE and BUILD-OUT STRUCTURE

- Heavy-duty tracked undercarriage with 20" (500mm) wide pads
- USA-made Grade 80 steel unibody frame construction
- 4 emergency shutoff safety stops, plus full stop button on remote control
- Non-slip decking grids and ladders for safety
- Remote control 8-button operation and travel
- Blow bar maintenance lifting tool and wear life measuring tool



### PERMANENT MAGNET

- Fully adjustable cross belt magnet
- Stainless steel chutes
- Stainless armor clad with flights

### CONVEYORS

- 42" (1,067mm) 440 PIW main discharge conveyor belt
- Reversible main belt
- Martin® Pit Viper belt cleaner for main belt
- Impact bed lined with ultra-high molecular weight plastic (UHMW)
- 11'- 4" (3.5m) fines discharge height
- 24" (610mm) 220 PIW side discharge conveyor belt
- 6'-11" (2.1m) side discharge height
- Rubber disc return idlers
- Wing type tail pulleys
- Herringbone lagged head pulley with belt adjuster
- 5" (127mm) troughing and return idlers

### LOADING OPERATION

- 8-Yard<sup>3</sup> (6.1m<sup>3</sup>) feeder
- 2-6 Cu. Yard loader (1.5m<sup>3</sup> - 4.6m<sup>3</sup>)

Height	Length	Width	Weight	Hopper	Crusher Opening	Rotor	Main Conveyor	Discharge Height	Fines Stacker	Discharge Height	Engine	Crusher Speed	Tracks	Fuel Capacity	Hydraulic Capacity
11'-6" 3.5m	50'-5" 15.4m	9'-10" 3.0m	83,000lbs 37,650kg	5'-11"x14' x4.3m	43"x28" 1,092mm x711mm	40"x43" 1,020mm x1,092mm	42" 1,067mm	11'-4" 3.5m	24" 610mm	6'-11" 2.1m	Cat C9.3B (or) Volvo D11	600- 700 rpm	20" wide 500mm	175gal 662L	150gal 568L

# SCREEN MACHINE® 4043TR IMPACT CRUSHER

AMERICAN-MADE INNOVATION SINCE 1966

## 2-IN-1 CRUSHING AND SCREENING

- Impact Crusher With 5'x12' Screen Deck
- Front Fines Conveyor For Sized Material
- Radial Side Overs Conveyor Feeds Back Into Hopper, Or Use As A Second Stacker



48" (1,219mm) wide fines conveyor delivers sized material off the front of the machine

Directionally reversible, 42" (1,066mm) wide conveyor with impact bed and guide idlers creates maintenance-free material flows

Choice of CAT® C9.3B 376 HP (280kw) diesel engine (or) Volvo® D11 355 HP (265kw) engine, both Tier IV Final diesel. Transfluid® fluid coupling eliminates expensive mechanical clutch or hydraulic issues

Top relief deck is 5'-0" x 8'-0" (1.5m x 2.4m) with 5'-0" x 12'-0" (1.5m x 3.7m) bottom sizing screen. Patented Smooth Start® Technology eliminates violent shaking at startup and shutdown

Cross-belt magnet with stainless steel cladding and chutes to prevent magnetic material buildup

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

20" (508mm) recirculating conveyor pivots 180° — rear parallel for recirculating, perpendicular for side stacking, forward parallel for transport

Digital control panel monitors all machine activity and updates the operator of any potential issues

Front legs provide support stability for machine maintenance

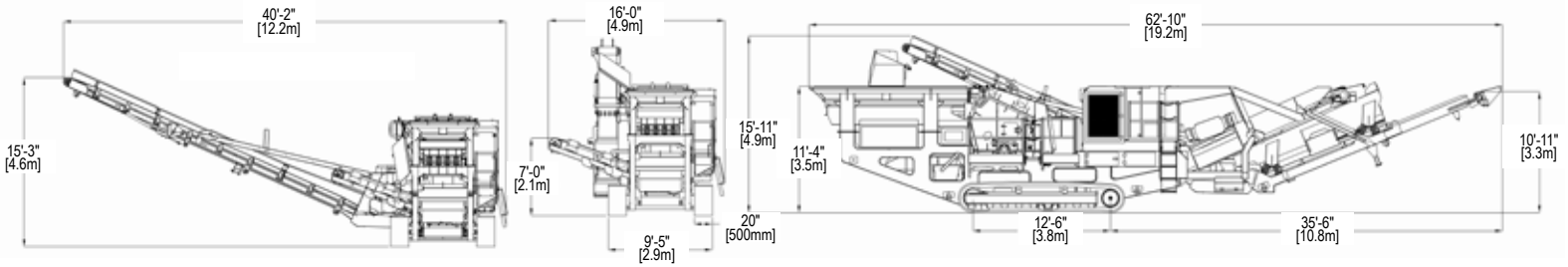
Heavy-duty tracked undercarriage with easy-to-use wireless remote control, allowing for quick and efficient set-up and operation

## 4043TR OPERATING SPECIFICATIONS

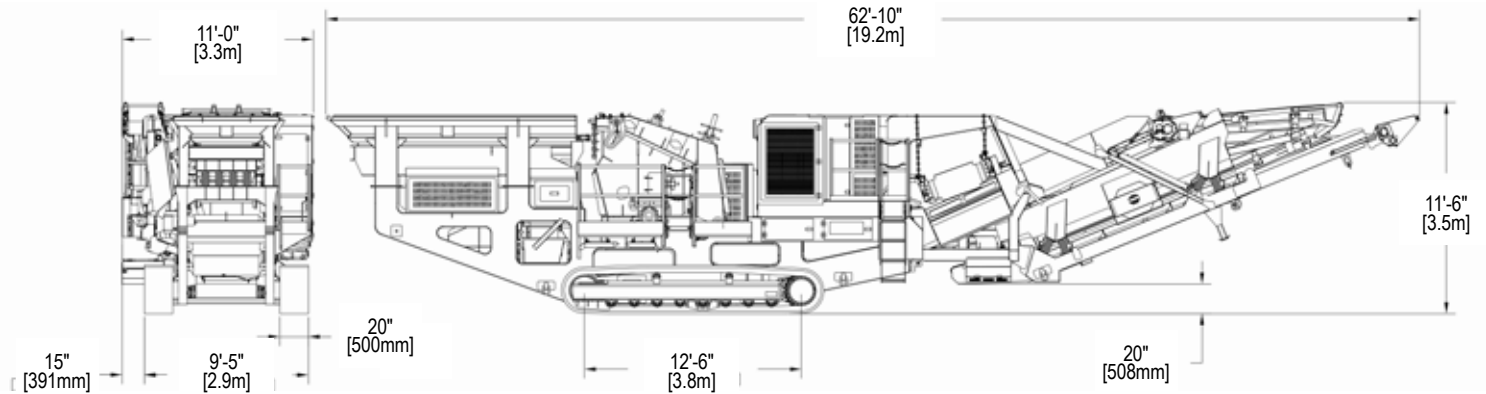
Height	15'-3"	4.6m
Length	62'-10"	19.2m
Width	11'-0"	3.3m
Total Weight	99,000 lbs.	44,905kg



## OPERATING DIMENSIONS



## TRANSPORT DIMENSIONS



## CRUSHER

- 40" diameter rotor x 43" wide (1,016mm x 1,092mm) impact crusher
- Lid Crusher Relief System™ with 6" (152mm) raise feature
- Feed inlet opening: 43" wide x 28" high (1,092mm x 711mm)
- 2 adjustable curtains (apron wrench tool provided)
- Maximum primary curtain adjustment of 8" (203mm)
- 4-bar rotor design, 2 live (low chrome ceramic) and 2 inactive bars

## SCREENS

- 5'-0" x 8'-0" (1.5m x 2.4m) top relief deck
- 5'-0" x 12'-0" (1.5m x 3.7m) bottom sizing deck
- 1/4" (6.35 mm) USA-made Grade 80 steel screen box walls
- Smooth Start® Technology (US Patent #6,669,026)

## POWER SYSTEMS and CONTROLS

- CAT® C9.3B 376 HP (280kw) Tier IV Final diesel engine (or)
- Volvo® D11 355 HP (265kw) Tier IV Final diesel engine
- 150 gallon (568L) baffled hydraulic tank and oil cooler
- 175 gallon (662L) diesel fuel tank capacity
- Lockable control panel and engine compartment

## VIBRATORY GRIZZLY FEEDER

- Automatic stop — start feed matched to crusher speed
- Feed height: 11'-4" (3.46m) / Feed length: 13' (3.96m) / Feed width 5'-11" (4.56m)
- 1/2" (12.7mm) USA-made Grade 80 Steel hopper walls
- AR 400 grizzly bar material with 1.5" (38mm) nominal opening
- Grizzly/crusher bypass lever for fines removal
- Remote control vibratory feeder speed (600-850 RPM)

## UNDERCARRIAGE and BUILD-OUT STRUCTURE

- Heavy-duty tracked undercarriage with 20" (500mm) wide pads for mobility
- USA-Made Grade 80 steel unibody frame construction
- 4 emergency shutoff safety stops, plus full stop button on wireless remote
- Remote control 8-button operation and travel
- Blow bar maintenance lifting tool
- Wear life maintenance measuring tool



## PERMANENT MAGNET

- Fully adjustable cross belt magnet
- Stainless steel chutes
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## CONVEYORS

- 48" (1,219mm) 220 PIW front fines conveyor belt
- 42" (1,067mm) 440 PIW main discharge conveyor belt
- Reversible main belt
- Martin® Pit Viper belt cleaner for main belt
- Impact bed lined with ultra-high molecular weight plastic (UHMW)
- 10'-11" (3.3m) fines discharge height
- 24" (610mm) 220 PIW side discharge conveyor belt
- 7'-0" (2.1m) side discharge height
- Wing type tail pulleys
- Herringbone/lagged head pulley with belt adjuster
- 5" (127mm) troughing and return idlers

## LOADING OPERATION

- 8-Yard³ (6.11m³) feed hopper
- 2-6 Cu. Yard loader (1.5m³ - 4.6m³)

Height	Length	Width	Weight	Hopper	Crusher Opening	Rotor	Main Conv Width	Discharge Height	Fines Conv Width	Discharge Height	Side Conv. Width	Discharge Height	Engine	Crusher Speed	Tracks	Fuel Capacity	Hydraulic Capacity
15'-3" 4.6m	62'-10" 19.2m	11'-0" 3.3m	99,000lbs 44,905kg	5'-11"x14' x4.3m	43"x28" x711mm	40"x43" x1,016mm	42" 1,066mm	11'-4" 3.5m	48" 1,219mm	10'-11" 3.3m	24" 609mm	7'-0" 2.1m	Cat C9.3B (or) Volvo D11	600-700 rpm	20" wide 500mm	175 gal 662L	150 gal 568L