

TRACKED IMPACTOR PLANT

THE **4244i-t** CRUSHES TOUGH CONDITIONS

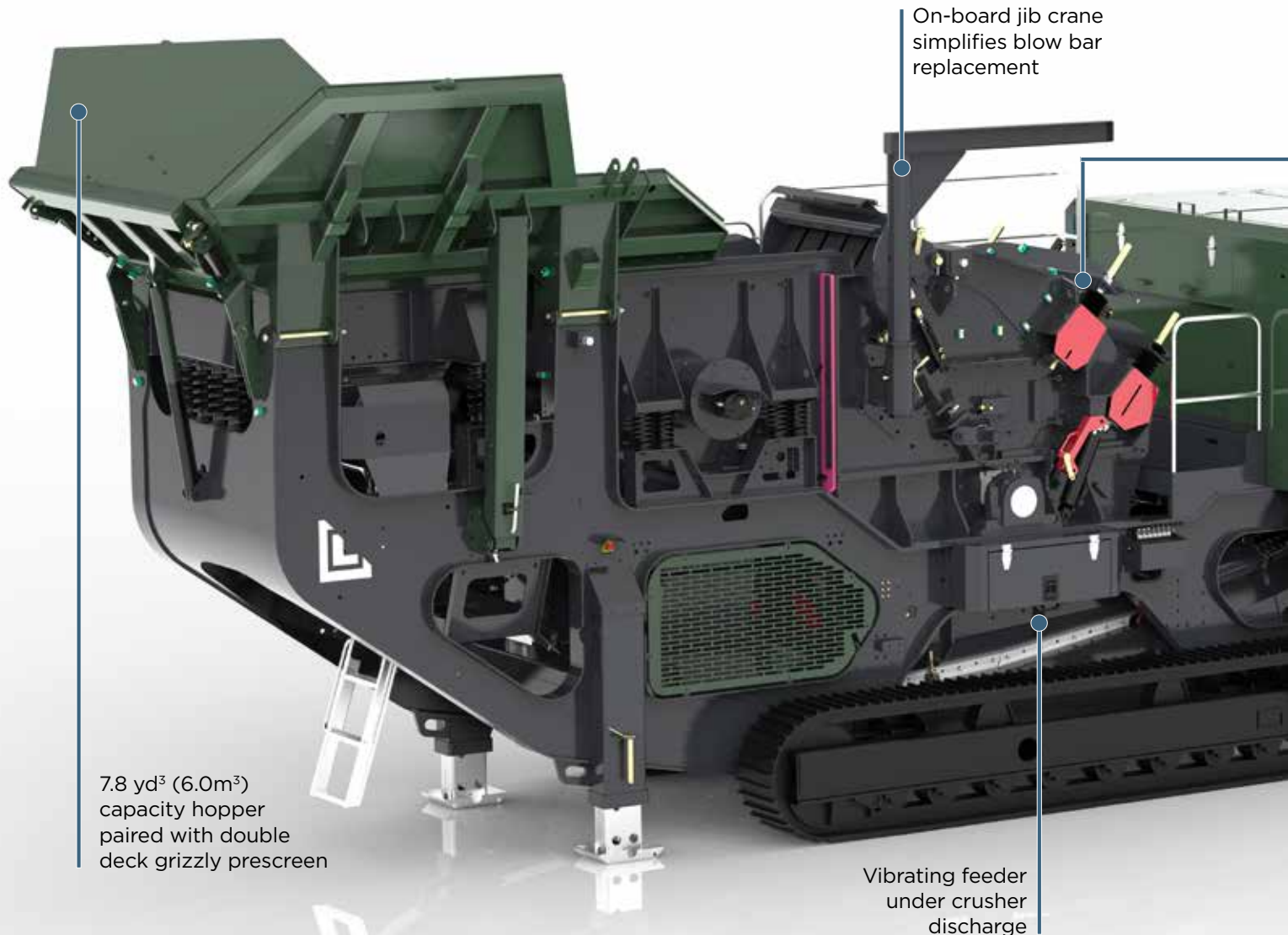


LIPPMANN

Efficiently delivering maximum productivity

4244i-t

Production and efficiency are the hallmarks of the 4244i-t tracked impact crushers. A progressive material flow path from feeder to output material stockpile minimizes problematic material buildup and results in less maintenance and downtime. The heavy duty build allows the crushers to stand up to the toughest conditions and materials while maximizing fuel economy through direct drive.



STANDARD FEATURES

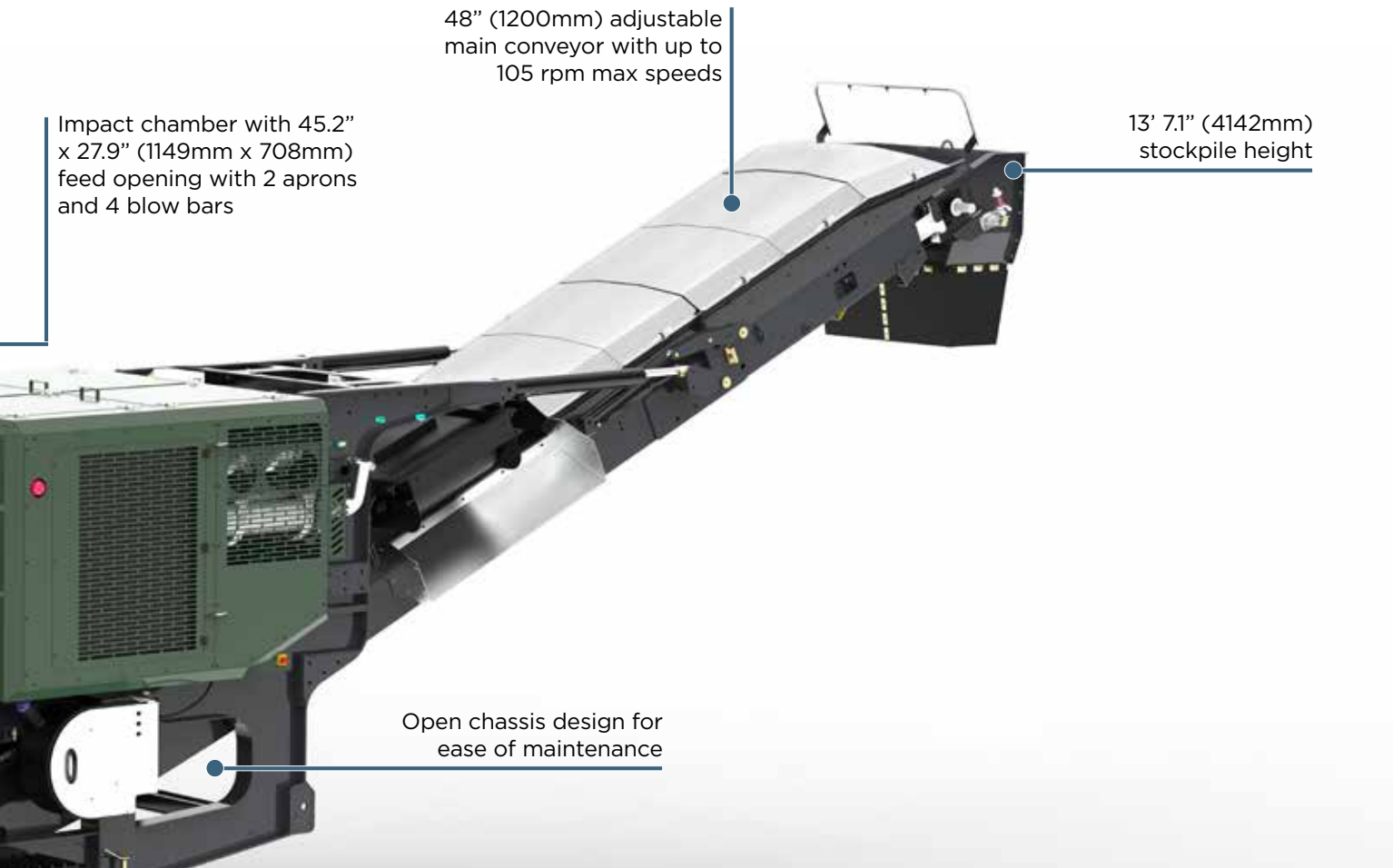
- 41.3" (1050mm) diameter x 44.3" (1125mm) wide impactor
- 360Hp Volvo D11 T4 final engine or 350Hp CAT 9 Tier 3 engine
- Integrated hydraulic folding hopper
- Integrated hydraulic folding stockpiling conveyors
- I-beam plate fabricated chassis construction
- Open chassis design for ease of maintenance
- Fast setup time
- Vibrating feeder under crusher discharge

ADDITIONAL OPTIONS

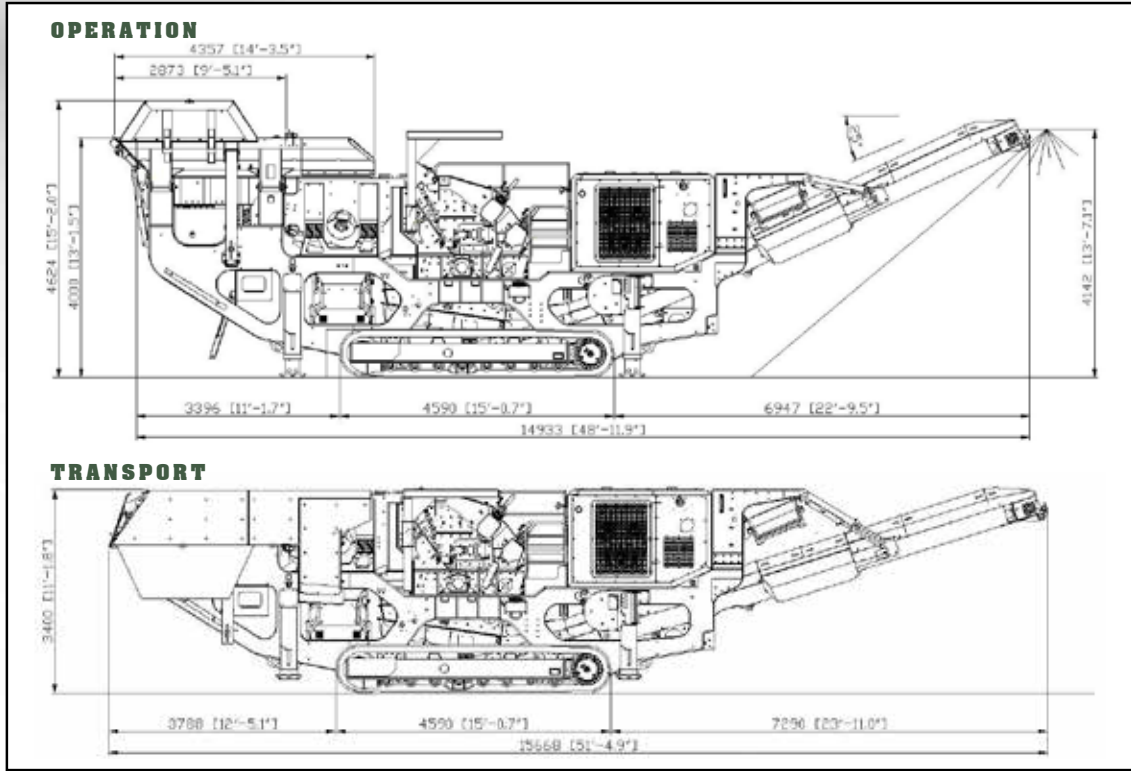
- Main conveyor variable speed control
- Hopper extensions
- Overband magnet
- Water pump and dust suppression system
- Various blow bar material options
- Work lights
- Belt scale
- Refueling pump

SAFETY FEATURES

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



Three-speed track system with smooth start/stop



4244i-t TECHNICAL SPECIFICATIONS

IMPACTOR CHAMBER	
Feed opening wxh	45.2" x 27.9" (1149mm x 708mm)
Impactor rotor	41.3" (1050mm) diameter x 44.3" (1125mm) wide
Crusher speed	606-740 rpm (33.3-40.7 m/sec rotor tip speed)
Number of aprons	2
Number of blowbars	4
Full blowbar weight	509 lbs (231Kg)
Crusher drive	Direct drive
Feed size	24" x 20" x 20" lump (600 x 500 x 500mm)
Impactor weight	22,700 lbs (10,300kg)
Rotor weight	7,295 lbs (3,309kg)
Closed side setting adjustment	Hydraulic rams, shim syst
Speed sensor	Yes
Load sensor	Engine load monitoring

DOUBLE DECK GRIZZLY PRE SCREEN	
Prescreen width (inside wearplates)	41.9" (1064mm)
Prescreen length overall	6' 7.3" (2015mm)
Grizzly section opening	Tapered 1.6" - 2.8" (40-70mm)
Grizzly section length	83.2" (2113mm)
Bottom deck mesh	58.8" x 41.7" (1494mm x 1060)
Drive	Hydraulic
Motor	David Brown MCC 2208 58.7cc/rev
Flow rate	22.6 US gpm (85.5Lpm)
Adjustable speed	No
Auto stop start system	Yes
Maximum speed	1050 rpm

CAPACITIES	
Diesel tank capacity	157 US gal (595L)
Hydraulic tank capacity	172 US gal (650 L)

MAIN CONVEYOR	
Stockpile height	13' 7.1" (4142mm)
Belt width	1200mm (48")
Belt spec	Plain 500/3 8+2
Drive drum dia.	13" (330mm)
Tail drum dia.	11.3" (287mm) - spoked
Motor	OMV800
Flow rate	22.2 US gpm (Up to 84 Lpm)
Maximum speed	Up to 105 rpm
Angle adjustable	Yes
Quick release	Yes

POWERUNIT AND HYDRAULICS	
Engine	Volvo D11 Tier 4 Final / CAT C9 Tier 3
Engine power	360 HP (268 Kw) / 350 HP (261 kW)
Engine speed	1600 - 1880 rpm
Impactor drive clutch	PT Tech HPTO14TF1
Flywheel pump 1 (tracks/feeder)	Kawasaki K3VL80
Flywheel pump 2 (tracks/main conveyor)	Kawasaki K3VL80
LH PTO pump 3 (prescreen/side conveyor)	Turolla 29/23/07
Front PTO pump 4 (underpan/pilot)	Turolla 36/07
Total system flow (max)	93.4 US gpm (353.5 Lpm)
Hydraulic tank capacity	172 US gals (650 L)
Hydraulic tank ratio	1.83 : 1
Hydraulic oil cooler	Yes

DIMENSIONS AND WEIGHTS	
Length - transport	51' 4.9" (15.668m)
Width - transport	9' 1.5" (2.78m)
Height - transport	11' 1.8" (3.40m)
Weight - (estimated)	92,594 lbs (42,000 Kgs) inc magnet & dirt conveyor

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