



516 REP

GENERAL MACHINE SPECIFICATIONS

RELEASE: March 2008



McCloskey International Limited

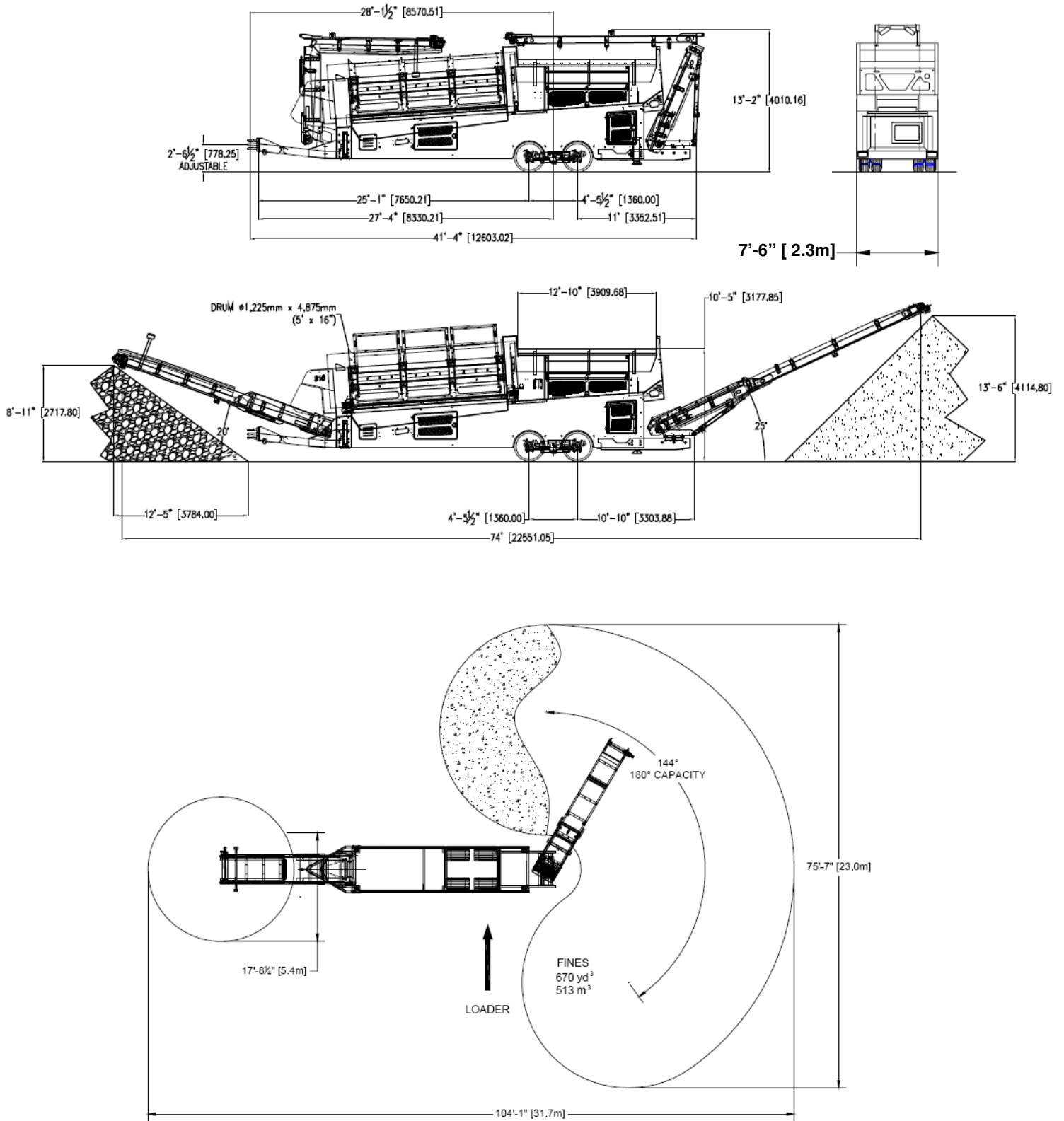
1 McCloskey Road, R.R. # 7, Peterborough, ON, Canada, K9J 6X8

Toll: (877) 876-6635 Tel: (705) 295-4925 Fax: (705) 295-4777

E-mail: mccloskey@mccloskeyinternational.com Web site: www.mccloskeyinternational.com

M:\Trommel Specifications\516 REP\516 REP SPECIFICATIONS - Mar Original. 2008.doc

MACHINE DIMENSIONS



McCloskey International Limited

1 McCloskey Road, R.R. # 7, Peterborough, ON, Canada, K9J 6X8

Toll: (877) 876-6635 Tel: (705) 295-4925 Fax: (705) 295-4777

E-mail: mccloskey@mccloskeyinternational.com Web site: www.mccloskeyinternational.com

M:\Trommel Specifications\516 REP\516 REP SPECIFICATIONS - Mar Original. 2008.doc

SPECIFICATIONS:

General

- ** 130 HP (97kW) 4 cylinder Caterpillar diesel engine with turbocharger and after cooler.
- ** Pintle hitch with tandem ABS compatible axles and dual 18 ply tires
- ** 10'-5" (3.8m) Feed Hopper 5.0 yd³ (3.8 m³) with 36" wide feeder belt with 9'-10" (3.0 m) load height
- ** Optional remote controlled hydraulic tipping grid or vibrating grizzly
- ** 5' diameter x 18' long rotary trommel containing 3 standard width screen panels
- ** 48" wide fines discharge conveyor feeding 36" wide 180° remote controlled radial stockpiling conveyor
- ** 42" (1067 mm) wide hydraulic folding Oversize conveyor
- ** NO special permits required
- ** Gross weight 50,700 lb (23,000 kg)
- ** 100 gallon (395 litre) fuel tank supplies plenty of operating time between refueling
- ** 160 gallon (600 litre) hydraulic tank feeding the hydraulic pumps, which are directly coupled to the diesel engine

Chassis

- ** Formed steel channel with all welded construction
- ** ABS compatible air brake tandem axle with dual 18 ply tires

Feeder

- ** 13' (4.0 m) Feed Hopper 5.0 yd³ (3.8 m³) 1/4" (6 mm) plate all welded hopper supported directly on chassis
- ** Variable speed hydraulic driven 57:1 gearbox with 12" (305 mm) lagged head pulley
- ** 36" (914 mm) wide vulcanized belt supported by closely spaced steel rollers
- ** 10" (254 mm) barefaced tail pulley complete with scraper, V-plow, and manual screw take-up adjustment
- ** Optional manual or hydraulic tipping grid or vibrating grizzly

Trommel

- ** 5' (1.52 m) diameter x 16' (4.88 m) trommel drum with four structural longitudinal angles provide aggressive screening
- ** High strength crimped and inter-woven screen cloth of generous gauge and required clear opening is bolted and clamped to the outside of the drum framework.
- ** Ground adjustable free rotating nylon brushes are mounted in close proximity to the drum and engage the outside of the drum face and cloth area for cleaning purposes.
- ** Variable speed hydraulic drive powers the trommel drum through four 18" x 7" (457 mm x 158 mm) solid HLR rubber tires. One solid HLR rubber tire provides thrust support for the drum and ensures smooth, quiet operation.
- ** Fully enclosed, lined flashed chute under the trommel directs the fines materials on to the fines conveyor.

Fines Conveyor

- ** 48" (1220 mm) wide vulcanized belt supported by closely spaced picking and standard equal length idlers
- ** 10" (254 mm) barefaced drive pulley driven by a close-coupled hydraulic motor with Asgco scraper
- ** 10" (254 mm) barefaced tail pulley complete with scraper, V-plow, and manual screw take-up adjustment
- ** Self-cleaning rubber disc return idlers

Radial Conveyor

- ** 36" (915 mm) wide vulcanized belt supported by standard equal length idlers
- ** Self-cleaning rubber disc return idlers
- ** 8" (203 mm) barefaced drive pulley driven by a close-coupled hydraulic motor with Asgco scraper
- ** 8" (203 mm) barefaced tail pulley complete with scraper, V-plow, and manual screw take-up adjustment
- ** Full remote control of patented 180° radial stockpiling and raise/lower operations

Oversize Conveyor

- ** 42" (1067 mm) wide vulcanized belt with lined impact bed and standard equal length idlers
- ** 10" (254 mm) barefaced drive pulley driven by a close-coupled hydraulic motor with Asgco scraper
- ** 10" (254 mm) barefaced tail pulley complete with scraper, V-plow, and manual screw take-up adjustment
- ** Hydraulic raise/lower and fold/unfold operations

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

McCloskey International Limited

1 McCloskey Road, R.R. # 7, Peterborough, ON, Canada, K9J 6X8

Toll: (877) 876-6635 Tel: (705) 295-4925 Fax: (705) 295-4777

E-mail: mccloskey@mccloskeyinternational.com Web site: www.mccloskeyinternational.com

M:\Trommel Specifications\516 REP\516 REP SPECIFICATIONS - Mar Original. 2008.doc