

LIPPMANN

Specifications

1200j Track-Mounted Jaw Crusher



DESCRIPTION

Heavy duty track mounted crusher with following features:

- 1200mm (48") wide x 864mm (34") single toggle jaw
- Choice of CAT or Volvo LRC, Tier 4/Stage 5 engines
- HD crawler tracks
- 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
- Quick release jaw for transport

DIMENSIONS AND WEIGHTS

Length - transport	17.95m (58' - 10.6")
Width - transport	3.10m (10' - 2")
Height - transport	3.90m (12' - 9.5")
Weight	70,200Kgs (154,765 lbs) inc. magnet & dirt conveyor

CAPACITIES

Diesel tank capacity	765 L (202 US gal)
Hydraulic tank capacity	1400 L (369 US gal)

CRUSHING CHAMBER

Feed opening WxD	1200 x 864mm (48" x 34")
Crusher speed	230 rpm
Crusher stroke	37mm
Crusher drive	Hydraulic V Belts
Min opening	70mm (2.8")
Max opening	212mm (8.3")
Maximum feed size	700mm (27.5")
Crusher weight (bare)	28,000Kg (61,730 lbs)
Closed side setting adjustment	Hydraulic wedges
Motor	Kawasaki axial piston 530cc/rev
Flow rate	576 Lpm (152 US gpm)
Speed sensor	Yes
Level sensor	Ultrasonic
Load sensor	Hydraulic

SHORT PAN FEEDER TO SUIT PRESCREEN

Feeder width	1164mm (45.8")
Feeder length	2695mm (106.2")
Drive	Hydraulic
Motor	David Brown MCC 2208 58.7cc/rev
Flow rate	63.5 Lpm (16.8 US gpm)
Adjustable speed	Yes - via mechanical flow control
Variable speed	Yes - via electrical proportional
Maximum speed	975 rpm

DOUBLE DECK GRIZZLY PRESREEN

Prescreen width (inside wearplates)	1204mm (47.4")
Prescreen length overall	2360mm (7' - 8.8")
Grizzly section opening	Tapered 35-75mm (1.4" - 3")
Grizzly section length	2190mm (86.2")
Bottom deck mesh	2017mm x 1608 (79.4" x 63.3")
Drive	Hydraulic
Motor	David Brown MCC 2208 58.7cc/rev
Flow rate	65.9Lpm (17.4 US gpm)
Adjustable speed	No
Auto stop start system	Yes
Maximum speed	975 rpm

HOPPER

Length overall	5000mm (16' - 4.7")
Width	2442mm (8')
Volume	6.8m ³ (8.9yd ³)
Material	15mm Hardox side plates
Locking system	Hydraulic side locking wedges

SIDE CONVEYOR

Stockpile height	3990mm (13' - 1") to belt crown
Belt width	800mm (32")
Belt spec	EP 400/3 3+1.5
Drive drum dia.	293mm (11.5")
Tail drum dia.	220mm (8.6") - spoked
Motor	OMH400
Flow rate	43.9 Lpm (11.6 US gpm)
Adjustable speed	Yes
Maximum speed	107 rpm

MAIN CONVEYOR

Stockpile height	5130mm (16' - 9.8") to belt crown
Belt width	1400mm (55")
Belt spec	Plain 630/2 9+3 Toughflex
Drive drum dia.	420mm (16.5")
Tail drum dia.	287mm (11.3") - spoked
Motor	OMV800
Flow rate	98.8.4 Lpm (26.1 US gpm)
Maximum speed	121 rpm
Angle adjustable	Yes
Quick release	Yes
Dust covers	Yes
Low maintenance position	Yes (both ends)

POWERUNIT AND HYDRAULICS

Engine option 1	Volvo D13 Tier 4F/Stage 5, 380 kW (510 Hp)
Engine option 2	CAT C13B Tier 4F/Stage 5, 400 kW (536 Hp)
Engine option 3	CAT C13 LRC, 385 kW (516 Hp)
Engine speed	1800 rpm
Flywheel pump 1 (jaw)	Kawasaki K5V200DP
Flywheel pump 2 (main conveyor / feeder)	Hydreco 56/36
PTO pump 3 (prescreen / side conv & magnet)	Hydreco 36/23 (CAT), 29/19 (Volvo)
Pump 4 (jaw pilot)	Hydreco 16
Pump 5 (rock hammer)	Hydreco 36 (optional)
Total system flow (max)	865 Lpm (228.5 US gpm)
Hydraulic tank capacity	1400 L (369.8 US gals)
Hydraulic tank ratio	1.6 : 1
Hydraulic oil cooler	Yes

ELECTRICS

Emergency stops	4 off, 2 feeder, 2 powerunit
Chassis cabling	Armored cable
Start siren	Yes - 10 sec delay
Control panel	Tedd Engineering / DSE 12"
Engine shutdowns	Low oil pressure High water temp Air filter blockage (selectable) Fuel contamination Low hydraulic tank level High hydraulic oil temperature
Radio control tracks and feeder	Standard
Pendant track control	Yes - plugged in control cabinet

TRACKS

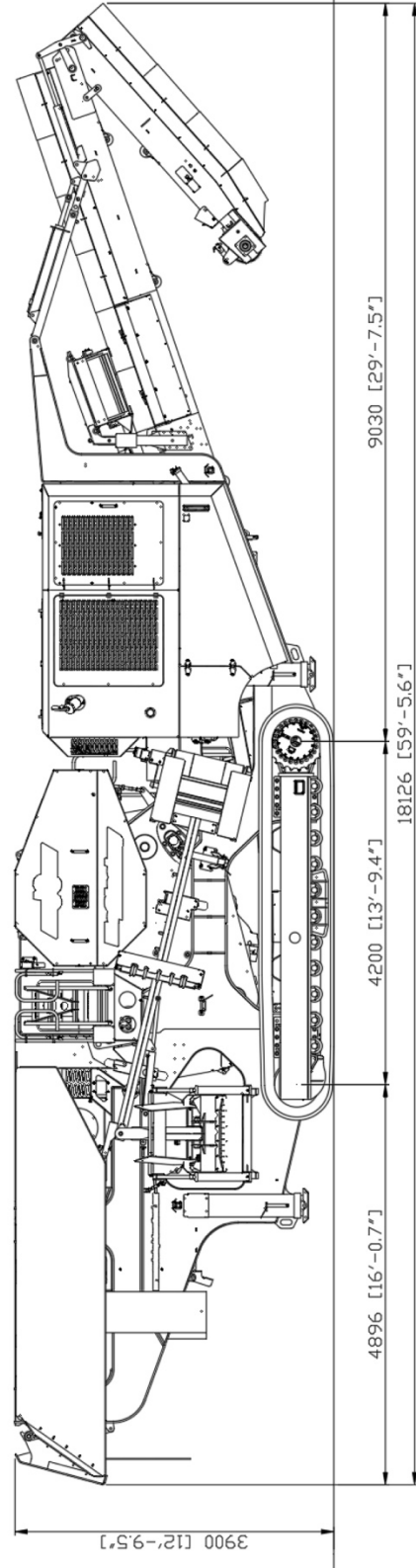
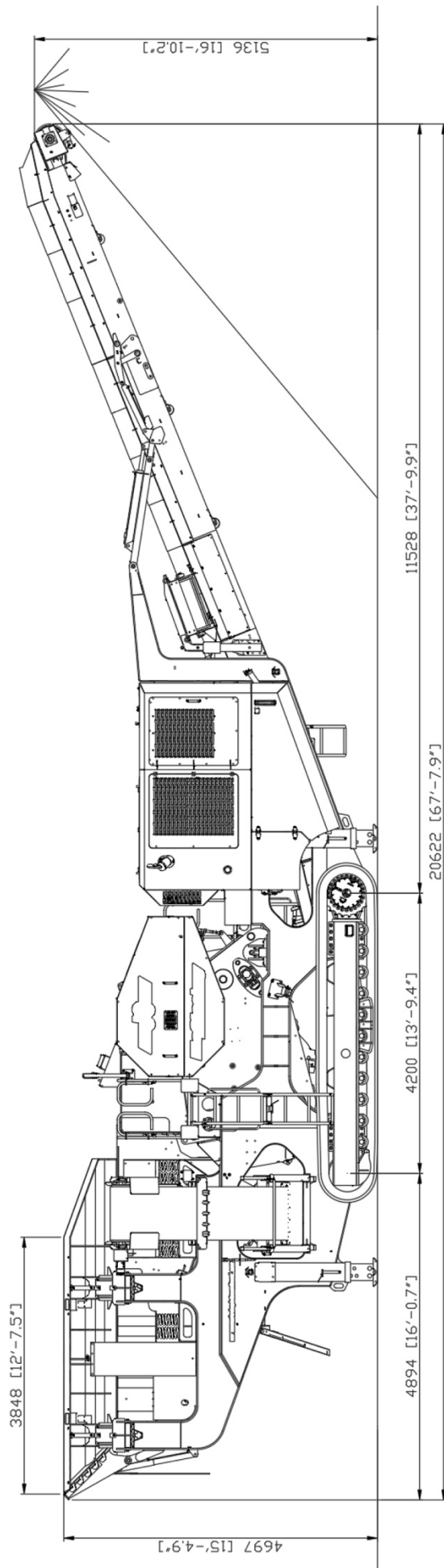
Track spec	D6 components
Width	400mm (15.7")
Length	4100mm (13' - 5.4") crs
Height	817mm (32")
Gearbox	Bonfiglioli 715C3K
Ratio	137.2
Motor	MSF 170
Speed max	1.70 Kph (1.05 Mph)
Flow rate	152 Lpm (40.2 US gpm)
Multiple speeds	Three speed system selectable at control panel with smooth start / stop

OPTIONS

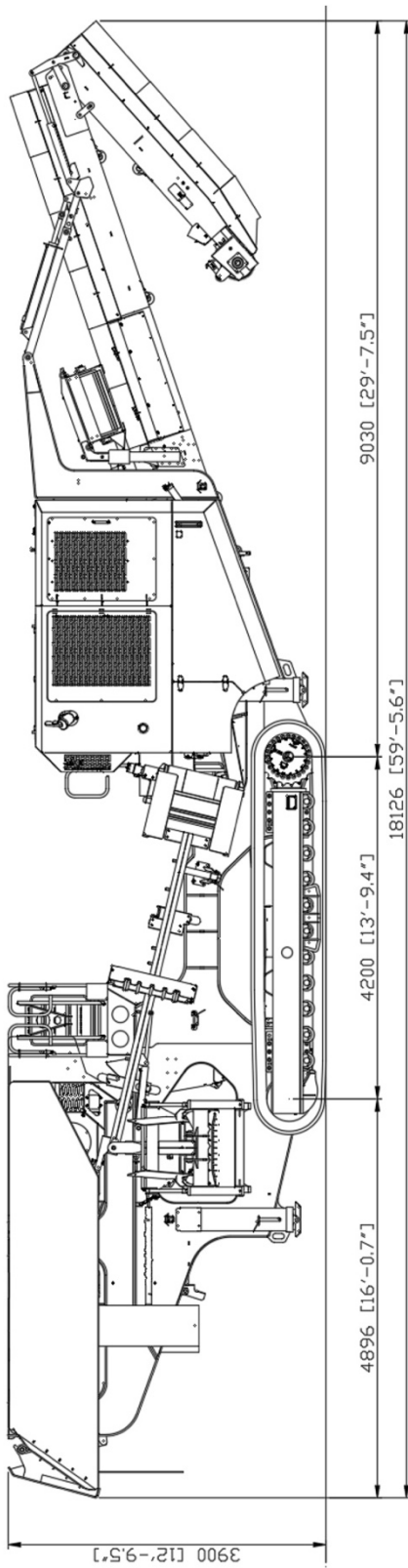
- Main conveyor variable speed control
- Main conveyor feedbox
- Bofor options: - 30mm to 50mm and 60mm to 100mm
- Hopper extensions
- Overband magnet with hydraulic raise lower
- Water pump and dust suppression system
- Super teeth jaw die option (wave profile)
- Quarry jaw die option (square profile)
- Work lights
- Refueling pump
- Deflector plate under jaw
- Rubber base liners in pan feeder
- Rubber hopper side liners
- Rock hammer

SAFETY FEATURES

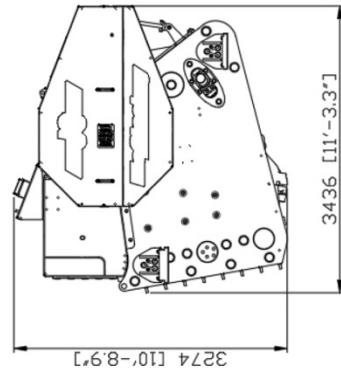
- External belt alignment points
- External grease points
- Engine safety shutdown systems
- Full safety guarding for nip points



WEIGHT SUMMARY:
 STD FEEDER MACHINE WITH JAW REMOVED - 68,700 - 30,350 = 38,350 Kgs
 PRE SCREEN MACHINE WITH JAW REMOVED - 70,200 - 30,350 = 39,850 Kgs



WEIGHT SUMMARY:
 JAW CHAMBER COMPLETE - 30,350 Kgs



LIPPMANN

Metso McCloskey USA, LLC
 dba: Lippmann
 3271 East Van Norman Avenue
 Cudahy, WI 53110-0586 USA
www.lippmann-milwaukee.com

Lippmann European Office
 47 Moor Road
 Coalisland, Co. Tyrone BT714QB Northern Ireland
 (+44) 28-8774-0926
www.lippmannglobal.com

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