



SPECIFICATIONS



McCloskey ***V80***



DESCRIPTION

Heavy duty track mounted Crusher with following features:

- Cemco Turbo T-80 VSI crusher.
- 430Hp C13 Cat engine.
- Track or Track c/w Wheel bogie.
- Integrated hopper with folding rear door.
- I-beam plate fabricated chassis construction.
- Large access between crusher discharge and main conveyor feedboot
- Open chassis design for ease of maintenance
- Fast setup time

DIMENSIONS AND WEIGHTS

Length - transport all models	16.02m (52' - 7")
Width - transport all models	2.9m (9' - 6")
Height - transport track	3.4m (11' - 2")
Weight - track	39,000 Kgs (85,980 lbs) estimated

CAPACITIES

Diesel tank capacity	800 L (211 US gal)
Hydraulic tank capacity	1800 L (475 US Gals)

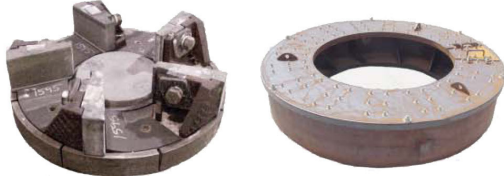
CRUSHING CHAMBER

Crusher speed	800 - 1800 rpm
Crusher Drive	Hydraulic – V-belt drive
Feed size Rotor	100mm (4")
Feed size Superchipper™	50mm (2") - 63.5mm (2.5")
Superchipper™ diameter	890mm (35")
Shoe table diameter	890mm (35")
VSI weight	11,430kg (25,200 lbs)
Motor	Kawasaki axial piston 530cc/rev
Flow rate	608 Lpm (160 US gpm)
Level sensor	Ultrasonic
Max feed tonnage	100 - 275 TPH
Hydraulic raise/lower lid for maintenance	



POSSIBLE INTERNAL CONFIGURATION OPTIONS

Shoe Table / Rockshelf



- Friable, low abrasion material
- Low reduction rate / High recirculating load
- Low percentage of "fracture face" material

Superchipper™ / Rockshelf



- Good for shaping abrasive material
- Good for light crushing

Shoe Table / Anvil Ring

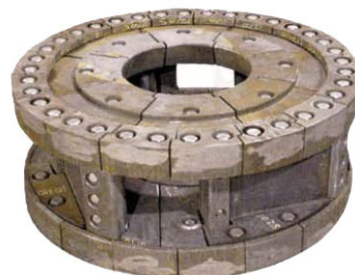


- Medium range friable material
- Medium to low abrasion material
- Low to Medium recirculating load
- Good reduction rate / Good for "chips" and sand

Superchipper™ / Anvil Ring



- Low recirculating load
- High reduction rate / High "fractured face" ratio
- Use with high abrasion, low friability material
- Excellent for producing sands and fines



Shoe Table Data				Superchipper™ Rotor Data			
Diameter	Shoes	Feed Size	Capacity	Diameter	Ports	Feed Size	Capacity
890mm (35")	3,4,5,6	100mm (4")	100-400	890mm (35")	4,5	63mm (2.5")	100-400

Based on cubical feed

**FEEDER**

Feeder opening width	800mm (31.5")
Feeder drum crs.	5700mm (18' 8")
Drive	Hydraulic
Feeder belt width	1050mm (42")
Motor	Danfoss OMSS 160
Gearbox	Bonfig 809 W2 23.6:1
Flow rate	68.4 Lpm (18.1 US gpm)
Adjustable speed	Yes
Maximum speed	18 rpm

HOPPER

Length	3640mm (11' - 11")
Width	2200mm (7' - 2")
Volume	5m ³ (6.5yd ³)
Material	6mm Hardox sides
Hopper bridge	YES

MAIN CONVEYOR

Stockpile height	3250mm (10' - 8")
Belt width	1050mm (42")
Belt spec	Plain 500/3 8+2
Drive drum dia.	350mm (13.7")
Tail drum dia.	270mm (10.6")
Motor	OMV630
Flow rate	87.4 Lpm (23.1 US gpm)
Maximum speed	138.7 rpm
Angle adjustable	NO
Quick release	YES

POWERUNIT AND HYDRAULICS

Engine	CAT C13
Engine power	320 kW (430 HP)
Engine speed	1900 rpm
Flywheel Pump 1	Kawasaki K5V200DP
LH PTO Pump 2	David Brown 5036 5023
RH PTO Pump 3	David Brown 5046 2SPA08
Total system flow	721.3 Lpm (190.5 US Gpm)
Hydraulic tank capacity	1800 L (475 US Gals)
Hydraulic tank ratio	2.5 : 1
Hydraulic Oil cooler	2 off



ELECTRICS

Emergency stops	4 off, 2 feeder, 2 powerunit
Chassis cabling	Armored cable
Start Siren	YES - 10 sec delay
Control panel	Plus 1 Danfoss colour screen
Engine shutdowns:	Low oil pressure High water temp Air filter blockage (selectable) Fuel contamination Low hydraulic tank level
Radio control tracks	Standard - Hetric system
Pendant track control	YES - plugged in control cabinet

TRACKS

Width	500mm (19.7")
Length	3800mm (12' - 6") crs
Height	798mm (31.4")
Gearbox	Bonfiglioli 711
Ratio	153:1
Motor	Rexroth 90
Speed max	1.50 Kph (0.93 Mph)
Flow rate	138 Lpm (36.45 US gpm)
Dual speed	Variable high speed system
Attachment to chassis	Bolt On for quick change

OPTIONS

Roll-in bogie system	
Main conveyor variable speed control	
Interlock system	
Hopper Extensions	
Water Pump and dust suppression system	Standard
Metal detector on Feeder	
Work lights	
Belt scale	

SAFETY FEATURES

External belt alignment points
External grease points
Engine safety shutdown systems
Full safety guarding for nip points
Hydraulic oil temp sensor
Fuel level sensor
Return filter sensor

