



## MC100 MINE UTILITY TRUCK

### GENERAL SPECIFICATIONS

Seating Capacity (Including Operator)*		3 - 10
Inner Turning Radius *	10 ft. 10 in.	3.3 m
Outer Turning Radius *	20 to 24 ft. 6 in.	6.1 to 7.47 m
Gross Weight *	10500 to 20500 lbs	4763 to 9299 kg
Cargo Capacity *	500 to 6500 lbs	227 to 2948 kg

\* Based on machine configuration

### GENERAL DIMENSIONS

Overall Height *	73 to 94 in.	1.85 to 2.39 m
Overall Width *	80.5 to 88.5 in.	2.04 to 2.25 m
Overall Length *	152 to 225 in.	3.86 to 5.72 m

### ENGINE

Make / Model	Iveco / N45
Type	Turbocharged Diesel, Tier III
Certification	CANMET #1212, MSHA #07-ENA 100003-0
Rated	99 HP @ 2200 RPM
Maximum Torque	293.5 ft-lb @ 1400 RPM

### TRANSMISSION

Make	Turner
Type	PG 115 Powershift

### FRONT AXLE

Model	Carraro 26.19M
Steering	Integral Steering Cylinder

### REAR AXLE

Model	Carraro 28.43M
Capacity (Dynamic Load Rating)	16860 lbs. 7648 kg

### TIRES

Front Tires	14 x 17.5, 14-ply Heavy Duty
Rear Tires	19.5L x 24, 12-ply Heavy Duty

### BRAKE SYSTEMS

Service Brakes	Fully enclosed wet disc service brakes in both axles.
Emergency / Park Brakes	Fully enclosed, spring applied / hydraulic release (SAHR) wet disc brakes within both axles.

### HYDRAULIC SYSTEM

Type	Variable Piston Pump Load Sense
Pump Rating	2350 psi
Pump Displacement	65cc / rev
Max Hydraulic Pressure	3000 psi
Min Pilot Pressure	260 +/- 30 psi
Hydraulic Tank Capacity	80 liters 21 US Gallons

### ELECTRICAL SYSTEM

Voltage	12V
Alternator	100 Amp Alternator
Other Features:	NEMA 12 Enclosures
Complete Mine Grade Wiring Package	Bostrig Cables Throughout

### FUEL SYSTEM

Fuel Tank Capacity	80 liters 21 US Gallons
Lift Pump	Delphi Fuel Injection System

### STANDARD EQUIPMENT

Ammeter	Fuel Gauge
Hour Meter	Engine Temp. Warning
Engine Oil Pressure Warning	Exhaust Scrubber
Back-up Alarm	Emergency Stop Button
Horn	Neutral Safety Switch
Hydraulic Throttle	

### OPTIONAL EQUIPMENT

Aerial Booms with Man-Up Baskets	Enclosed Cabs
ANFO Tanks	Forklift Masts
Auto-greasers	Front End Loader Arms
Backhoes	ROPS / FOPS Canopies
Battery Boosters	Scissor Lifts
Cranes	Shotcreters

### TRAVEL SPEED [FULLY LOADED (2500 LBS) TYPICAL PC CONFIGURATION]

Gear:	Speed on Flat Ground:		Speed Up Ramp (20% Grade):	
1st	5 km/h	3.1 mph	5 km/h	3.1 mph
2nd	8 km/h	5 mph	8 km/h	5 mph
3rd	11 km/h	6.8 mph	10 km/h	6.2 mph
4th	18 km/h	11.2 mph	14 km/h	8.7 mph

Note: Travel speeds will vary depending on gross vehicle weight.

\* Note: This machine is not approved for public road use

#### Headquarters

240 Fielding Road, Lively, Ontario, Canada P3Y 1L6  
705 523 1621 kovatera.com