

# MINECAT® UT99

## MINE UTILITY TRUCK



GENERAL SPECIFICATIONS		
Seating Capacity (Including Operator)*	2 to 9 persons	
Inner Turning Radius	14 ft. 6 in.	3.35 m
Outer Turning Radius	24 ft. 4 in.	7.42 m
Gross Vehicle Weight Rating	13000 lbs	5897 kg
Base Vehicle Weight	7000 lbs	3175 kg
Maximum Carrying Capacity *	6000 lbs	2727 kg
* Based on machine configuration		

GENERAL DIMENSIONS		
Overall Height *	80 in.	2.03 m
Overall Width (Running Boards) *	77 in.	1.96 m
Overall Length *	204-3/4 in.	5.20 m
Wheelbase	124 in.	3.15 m
Ground Clearance (Differential)	10 in.	0.25 m
Ground Clearance (Transmission)	11 in.	0.28 m
Ground Clearance (Running Boards)	16.5 in.	0.42 m
* Based on machine configuration		

ENGINE	
Make / Model	Cummins / QSB 3.3
Type	Turbocharged Diesel, Tier III
Certifications	CANMET, MSHA
Rated	99 HP @ 2200 RPM
Maximum Torque	306 ft-lb @ 1600 RPM
Cylinders / Displacement	4 / 3.3 L

FUEL SYSTEM		
Fuel Tank Capacity	88 liters	23.2 US gallons
Lift Pump	Mechanical	
Fuel Shut Off	Solenoid	

TRANSMISSION	
Make / Model	Dana / T12000
Type	Powershift

AXLES & TIRES		
Front and Rear Axle Make	Dana	
Front Axle Steering	Integral Steering Cylinder	
Front Axle Capacity	12500 lbs.	5669.9 kg
Rear Axle Capacity	12500 lbs.	5669.9 kg
Suspension Travel	7 in.	0.18 m
Tires	LT235 / 85 / R16	

BRAKE SYSTEMS	
Service Brakes	Fully enclosed wet disc, piston actuated.
Emergency / Park Brakes	Fully enclosed, spring applied / hydraulic release (SAHR) wet disc brakes.

HYDRAULIC SYSTEM		
Type	Open Center	
Pump	Gear Type (PTO driven)	
Main Relief Pressure	2750 psi	
Hydraulic Tank Capacity	88 liters	23.2 US gallons

ELECTRICAL SYSTEM	
Voltage	12V
Alternator	120 Amp
Front and Rear Lights	6-LED High Output
Other Features:	NEMA 12 Enclosures
Complete Mine Grade Wiring Package with Bostrig Cables Throughout	

SAFETY & ENVIRONMENTAL STANDARDS	
Cab/Chassis ROPS: ISO 3471:2008, CSA B352.0-09	Cab/Chassis FOPS: ISO 3449 LEVEL 2, CSA B352.0-09
Driver's Envelope: ISO 3411	Control Devices: ISO 6682
Vibration Emission: EN 1889-1:2011	Hydraulic System: ISO 4413
Braking System: ISO 3450:2011, CSA-M424.3-M90	Underground Mine Machines: EN 1889-1:2011
Seat Belt Restraint: ISO 6683	Steering System: 1889-1:2011

STANDARD EQUIPMENT	
Hour Meter / Ammeter	Fuel Gauge
Horn / Back-up Alarm	Engine Temp. Warning Light
Engine Oil Press. Warning Light	Exhaust Scrubber
Neutral Safety Switch	Emergency Stop Button
Electronic Throttle	Ergonomic Compartment
Interior Sound Insulation	Windshield Wipers

OPTIONAL EQUIPMENT	
Crew Cab / ROPS/FOPS for Cab	Cab Heater and A/C
Turn Signal / Lighting Packages	Cold Weather Package / ESPAR Heater
Toolboxes / Crane on Rear Deck	Scissor Lift
Telescopic Aerial Boom	Welding Package
Rear Passenger Enclosures	Underhood Air Compressor
Power Inverter	CE Certification Package

TRAVEL SPEED [FULLY LOADED]				
Gear:	Speed on Flat Ground:		Speed Up Ramp (20% Grade):	
1st	8 km/h	5 mph	8 km/h	5 mph
2nd	17 km/h	10.6 mph	15 km/h	9.3 mph
3rd	35 km/h	21.7 mph	19 km/h	11.8 mph

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