

MN01-06E

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“IVECO MOTORS FOR MINECAT”.

Industrial Fabrication Inc., the Sudbury, Ontario, Canada, mining utility vehicle manufacturer, has introduced the second generation of its multipurpose Minecat 100 utility vehicle. The Minecat 100 is available in 10 configurations with seating for up to 10 passengers. It can be configured with or without a canopy, work platform or a series of front and rear attachments such as scissors lifts, man lifts, loader arms, forks and cranes. Cargo capacity on the low profile vehicle is 2500 lb.

Industrial Fabrication has redesigned the Minecat after acquiring the product line in 2002 through the procurement of North Consolidated Equipment's mining division. The most significant design change made has been the installation of Iveco Motors' 99 hp NEF engine, a Mine Safety and Health Administration (MSHA) and Canada Centre for Mineral and Energy Technology (CANMET) certified diesel.



Canadian manufacturer Industrial Fabrication has teamed up with Iveco Motors of North America to power its redesigned Minecat 100 mining utility vehicle.

Working through Genrep, the Iveco Motors distributor serving Canada, Industrial Fabrication transitioned to a 4.5 L four-cylinder turbocharged NEF N45 MSS engine rated 99 hp at 2250 rpm with 398 lb.ft. of torque. The Tier 2 engine is liquid cooled, has two valves per cylinder and is packaged with a Bosch rotary fuel injection system and Delco Remy alternator.

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Those drivetrain components include a 4 x 4 fully synchronized powershift transmission with forward and reverse shuttle. It is mounted off the engine and situated in a modular, ladder-type steel frame. Heavy-duty axles are teamed with the drive using an industrial grade, center-driven front axle with double gear reduction and a rear axle with SAHR piston-actuated internal wet disc brakes. Load ratings on the axle are 15,400 lb. front and 20,400 lb. rear. Heavy-duty Galaxy tires complete the drivetrain assembly.

Travel speed on the 10,500 to 15,800 lb vehicles is 10.2 mph which is designed to be achieved at 20% grade.



Powering the 10,500 to 15,800 lb. Minecat 100 is a 4.5 L four-cylinder IVECO Motors NEF engine rated 99 hp at 2250 rpm