

FORCE PROTECTION®

BUFFALO

Route Clearance • Command & Control • Asset Protection



The Buffalo Mine Protected Clearance Vehicle (MPCV) is the recognized leader in route clearance missions around the globe and is currently in service with the United States, United Kingdom, Canada, France and Italy. The Buffalo's improvements include increased engine power and greater compatibility, increased driving range, increased fording and slope angle performance, enhanced HVAC and a common spare for all six tires. The enhanced safety features include, larger roof hatches for crew egress and both crew and engine compartment Automatic Fire Extinguishing Systems (AFES). With bar armor and an air spade as optional features, the more powerful, improved Buffalo is ready to roll.



web: www.forceprotection.net

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BUFFALO SPECIFICATIONS

| | |
|--------------------|--|
| ENGINE | CATERPILLAR C13 12.5 LITER |
| HORSEPOWER | 440 @ 1800 RPM |
| TORQUE | 1483 @ 1400 RPM |
| TRANSMISSION | CATERPILLAR CX31 6 SPEED |
| SPEED | TIRES RATED FOR 55 MPH |
| RANGE | 330 MILES W/ 85 GALLON FUEL TANK |
| T-CASE | CUSHMAN 2 SPEED W/ NEUTRAL |
| FRONT AXLE | AXLETECH 30,000 LBS. DRIVE STEER AXLE |
| FRONT SUSPENSION | 30,000 LBS. |
| REAR AXLE | AXLETECH 46,000 LBS. AXLES |
| REAR SUSPENSION | 23,000 LBS. EACH SIDE |
| TIRES | MICHELIN 16 R 20 XZL W/ 16,000 LBS ALUMINUM RIM W/ RUN FLAT |
| SPARE TIRES | ONE SPARE TIRE FOR 6 POSITIONS |
| ELECTRICAL | 24V W/ 12V POWER OUTLETS |
| BRAKES | AIR |
| BRAKE CHAMBERS | PROTECTED |
| AIR CONDITIONING | 80,000 BTU, 1 FRONT & 2 REAR UNITS, FRESH AIR INTAKE W/ DIRECT DUCTING |
| SEATING (VARIABLE) | DRIVER & CO-DRIVER PLUS UP TO 4 PASSENGERS |
| SEAT BELTS | FOUR-POINT HARNESS |
| ARMOR PROTECTION | RESTRICTED (AVAILABLE UPON REQUEST) |
| GLASS PROTECTION | WHITE WATER GLASS, RESTRICTED (AVAILABLE UPON REQUEST) |
| MINE PROTECTION | RESTRICTED (AVAILABLE UPON REQUEST) |
| HATCHES | 6 MIL-STD TOPSIDE |
| DOORS | 1 REAR DOOR ONLY |
| HEIGHT | 156" |
| WIDTH | 106" |
| LENGTH | OVERALL 323" |
| WEIGHT | (CURB) 53,500 LBS W/ BAR ARMOR. |
| WEIGHT | (MAX GVW) 76,000 LBS. |
| PAYLOAD | (MAX) 22,500 LBS. |
| LENGTH | (HULL INTERNAL) APROX. 150 IN. BEHIND FRONT SEATS |
| BATTERIES | 4 X 12 V WIRED FOR 24V |
| COMMUNICATIONS | COMMUNICATIONS RACK WITH POWER DISTRIBUTION CENTER |
| FORDING DEPTH | UNPREPARED 40" |
| APPROACH ANGLE | 25 DEG. |
| DEPARTURE ANGLE | 60 DEG. W/ REAR LADDER STOWED |
| SIDE SLOPE | 30 DEG. |
| GROUND CLEARANCE | 18" FRONT, 25" T-CASE COVER, 15" REAR |
| FIRE EXTINGUISHERS | AUTOMATED ENGINE AND CREW AFES SYSTEM W/MANUAL EXTINGUISHER |
| VEHICLE TOOL KIT | INCLUDED |
| AIR TRANSPORT | C-17 TRANSPORTABLE |
| BAR ARMOR | RPG PROTECTION |
| AIR SPADE | 175 PSI, 200 CFM |