



Force Protection, Inc. manufactures ballistic and mine protected vehicles through its wholly owned subsidiary, Force Protection Industries, Inc.

Buffalo



ROLES

Mine Clearance

Asset Protection

Urban Weapons System

Command + Control

M I N E P R O T E C T E D A N D C L E A R A N C E V E H I C L E S



SERIAL	ITEM	BUFFALO MPCV
1	ENGINE	Mack ASET AI-400 Diesel
2	HORSEPOWER	450 @ 1800 RPM
3	TORQUE	1450 @ 1200 RPM
4	RANGE	382 miles w/ 85 Gallon Fuel Tank
5	TRANSMISSION	Allison HD-4560 P 5-speed automatic
6	FRONT AXLE	Fabco SDA 2300 23,000 lb. drive steer axle
7	FRONT SUSPENSION	25,000 lbs.
8	REAR AXLE	Mack tandem 50,000 lb. axles
9	REAR SUSPENSION	25,000 lbs. each side
10	TIRES	Michelin 1600 R20 XZL
11	SPARE TIRES	One front tire / One rear tire
13	ELECTRICAL	Dual voltage 12V / 24V
14	BATTERIES	4 x 12 v wired in parallel or in series
15	BRAKES	Air
16	BRAKE CHAMBERS	Protected
17	AIR CONDITIONING	Cab unit plus Red Dot unit rated to 44,000 BTU
18	SEATING (Variable)	Driver & Co-Driver plus up to 12 passengers
19	SEAT BELTS	Four-point harness
20	ARMOR	7.62 x 51 mm NATO Ball standard
21	GLASS	7.62 x 51 mm NATO Ball single hit standard
22	MINE PROTECTION	All wheels and centerline protected (please contact Force Protection for details)
23	HATCHES	6 topside standard
24	DOORS	1 rear door only
25	HEIGHT	117 in.
26	WIDTH	97 in.
27	LENGTH OVERALL	323 in.
28	WEIGHT (Curb)	45,320 lbs.
29	WEIGHT (Max GVW)	84,000 lbs.
30	PAYLOAD (Max)	38,680 lbs.
31	LENGTH (Hull Internal)	Aprox. 150 in. behind front seats
32	SPEED	Tires rated for 55 mph (sprint speed 65 mph)
33	COMMUNICATIONS	Power for full VCR kit
34	FORDING DEPTH	Unprepared approx. 40 in.
35	APPROACH ANGLE	40 deg.
36	DEPARTURE ANGLE	45 deg.
37	GROUND CLEARANCE	16" under front axle, 20" under transfer case cover
38	FIRE EXTINGUISHERS	Provided
39	VEHICLE TOOL KIT	Provided
OPTIONS		
A	Weapons Mounts	Remote Overhead Weapon, 360 Deg. ringmount, swing-arm mount or spigot options
B	BLACK OUT LIGHTING	Available
C	INFA RED LIGHTING	Available (LED or Standard Filter Systems)
D	NBC PROTECTION	MDH Overpressure system w/ US M98 filters
E	FIRING PORTS	Mounted in armored glass windows
F	SPARE WHEELS	Single spare wheel mount only
G	RUN-FLATS	Hutchinson VFI (6)



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