

SAM II APC



SAM II APC is the latest addition to the **Rhino Defence** fleet of ingenious solutions. Built monocoque using a Ford F-550 Super duty drive train with upgraded suspension. This unique approach makes SAM II cost effective yet capable to withstand greater threats and to compete with rivals.



GENERAL SPECIFICATION

ENGINE	
Model	Power Stroke® V8 Turbo Diesel
Type	4 Stroke Diesel
No Of Cylinders	8
Displacement	6,7L
Max Power	330Hp @ 2000 rpm
Max Torque	949 @ 2000 rpm
Fuel	Diesel Euro 3
AXLES	
Front	Rigid Twin-Coil Monobeam axle
Rear	Rigid axle
Ratio	17.31:1 average
GEOMETRIC PROPERTIES	
Overall Length	6,116mm ± 15mm
Max Width	2,453 mm ± 15mm
Max Height (over utility bar)	2,432 mm ± 15mm
Ground Clearance	320 mm ± 10mm
Wheel Base	3,576mm ± 10mm
Track Width Front	1,900 mm ± 5mm
Track Width Rear	1,900 mm ± 5mm
Angle Of Approach	46°
Angle Of Departure	41°
TRANSMISSION	
Model	TorqShift® 6-Speed SelectShift™
Configuration	Automatic
TRANSFER CASE	
Model	Integrated to transmission
Configuration	Direct mount dial shift
PROTECTION LEVELS	
Ballistic Protection	EN 1522 FB7
Mine Protection	STANAG II
Transparent Armor	EN 1063 BR7
BRAKES	
Service Brakes	Disc Brakes
Parking Brakes	Cable pull disc
STEERING	
Power Assisted Rack & Pinion	
ELECTRICAL SYSTEMS	
Voltage	Dual 12-volt; 750-cca/78-amp-hr

FUEL TANKS	
Fuel Capacity	68 gallons (DRW - dual diesel tanks)
Protection	EN 1522 FB6
MASS	
Curb Weight	7,900Kg Tare mass (Min)
Payload	1,500Kg (Max)
GVM	9,400Kg (Max)
PERFORMANCE	
Maximum Speed	120Km/h
Grade Ability	50%
Side Slope	40%
Step Climb	250mm
Fording	700mm
Range	600Km
WHEELS	
Tires	335/80 R20
Rims	Steel Split Rims
Configuration	4 x Driven + 1 Spare
SUSPENSION	
Front	Upgraded Coil Spring + Gas shocks
Rear	Upgraded Leaf Spring + Gas shocks
STANDARD FEATURES	
Turret provision	
Rear differential lock	
Gun ports, 4 each side 1 rear	
Rear view camera	
Escape hatch	
2 x Dry powder fire extinguisher	
Extraction Fan	
Utility bar	
16000 BTU A/C	
OPTIONAL FEATURES	
Electrical winch	
24v Alternator system	
Communication systems	
Scene Lights	
Vertical gun racks	
Jamming systems	
P/A Siren System	
Wig/Wag lights	
STIS tire inflation system	
Rear diff E-locker	
Undercarriage fire suppression system	
NATO slave plugs	
Blast retention seats	

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