

PANTHER 6x6 electric

Aircraft Rescue and Fire Fighting Vehicle 3,170/380/550



Base specification

▪ Chassis:

- › Rosenbauer 40.980 6x6
- › Gearbox: CST 3-speed automatic transmission
- › Brakes: Electronic Brake system with disc brakes (incl. regenerative braking)

▪ Drive System:

- › All-Electric drive with Energy Backup System
- › High Voltage System with four electric motors powered by HV-Battery (nominal: 256 kWh)
- › ICAO Attack (Doc 9137, 2.7 response time) compliant in pure electric operation
- › Energy Backup System (EBU) powered by diesel engine (235 kW)
- › Power:
 - Pure electric: 720 kW (980 HP)
 - Combined (RIV/Boost): 880 kW (1200 HP)
- › Acceleration:
 - Pure electric: 0 - 50 mph < 25 sec
 - Combined (RIV/Boost): 0 - 50 mph < 20 sec
- › Maximum speed: 75 mph
- › Combined charging system CCS-Type 2:
 - AC: 1x up to 22 kW
 - DC: 2x up to 150 kW (up to 300 kW total)

Driving compartment:

- › Crew: up to 1 + 3 (up to 1+5)
- › Rosenbauer panorama view - safety cab, certified according to ECE R29-3, hinged doors with manually sliding windows, tiltable center console

▪ Vehicle body:

- › Modular body concept consisting of laser-cut, bent aluminum sheets and plastic linings
- › Polypropylene wet side water- / foam tank

▪ Extinguishing agent tank:

- › Water tank capacity: 3,170 gal
- › Foam tank capacity: 380 gal
- › Powder capacity: 550 lbs

▪ Pump unit:

- › Type: Rosenbauer N80 (light alloy)
- › Output: up to 2,100 gpm at 12 bar
- › Pump-drive:
 - Pure electric or Combined (EBU-assisted)

▪ Proportioning system:

- › Type: Rosenbauer FIXMIX 2.0 E
- › Proportioning ratio: 1%, 3%, 6%

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▪ Roof turret:

- › Rosenbauer RM 80
- › Output: up to 2,100 gpm

▪ Bumper turret:

- › Rosenbauer RM 15
- › Output: up to 520 gpm

▪ Quick attack:

- › Dry Chem and Water/ Foam Twin Agent hose reel 100 ft length , 1" diameter

▪ Options:

- › Tire Pressure Measuring System
- › ESC (Electronic Stability Control)
- › Rear axle Steering (electro-hydraulic)
- › Power supply unit (230/400 V) 6 kVA or 18 kVA
- › Light mast Flexilight 8x LED
- › Airfield search lights
- › Exterior Water/Foam tank level indicator
- › Birdview camera system
- › RDS Connected Fleet (telematic system)

Product number PA146-9700

Dimensions and weight

L x W x H	464 x 118 x 144 in
Permissible total weight	89,300 lbs



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