

# 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 (965 HP)  
Combined (RIV/Boost): 880 kW (1180 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

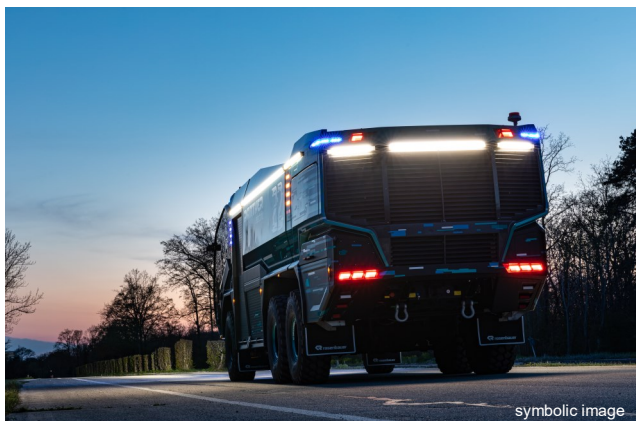
## ▪ Options:

- › 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         |



## Contact

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