

High-Mobility Emergency Chassis

Multi-Role Wheeled Platform for Rapid Deployment



- **Powerful Powertrain:**

Dongfeng Cummins ISDE6.7-330 diesel engine delivers 330 HP and 1200 N·m torque, paired with a Dualt 6AT automatic-manual transmission for smooth power delivery.

- **Superior Mobility:**

Full-time 4WD with independent front suspension and solid rear axle ensures 1 m wading depth, 40% gradeability, and 310 mm ground clearance for uncompromised mobility.

- **Versatile Platform Design:**

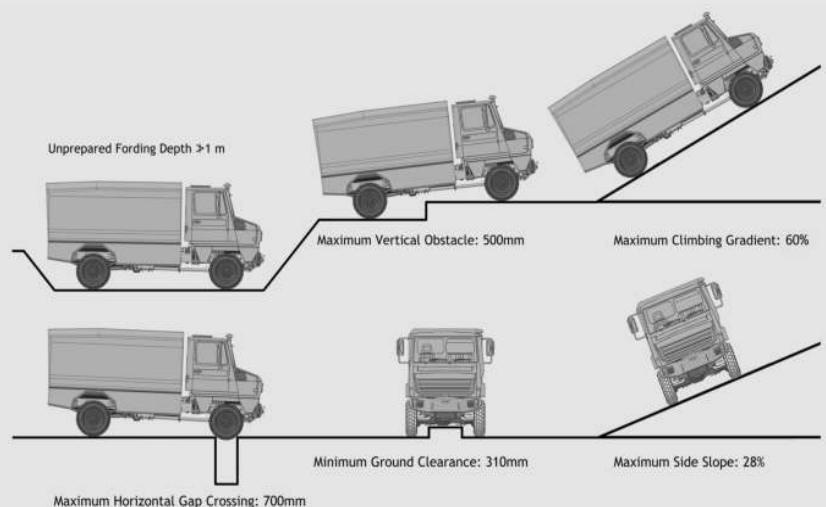
Modular platform adaptable for rescue, transport, or engineering missions, featuring 2+12 seating and high payload capacity.

- **Structural Safety and Stealth Protection:**

Reinforced roll-cage structure with optional stealth protection cabin ensures crew safety and vehicle integrity under extreme off-road and high-stress conditions.

- **High-Level Protection:**

Customizable BR6 ballistic protection compliant with EN 1063/1522/1523 and NATO STANAG 4569 Level 3 blast resistance.



TECHNICAL SPECIFICATIONS

Model	F120
Drive Form	4×4
Body Type	Non-load-bearing
Number of Occupants	2+12
Electrical Circuit Type	24V , negative grounding
Dimension	
Overall Dimension (L×W×H)	7140×2500×3180 mm
Wheelbase	4180 mm
Front Overhang/Rear Overhang	1190/1780 mm
Approach Angle/Departure Angle	40°/37°
Mass Parameter	
Gross Mass	12000 kg
Curb Weight	11000 kg
Maximum Towing Mass	5000 kg
Axle Load (Front/Rear)	5500/6500 kg
Performance	
Maximum Speed	110 km/h
Maximum Climbing Gradient	60 %
Minimum Ground Clearance	310 mm
Minimum Turning Radius	9 m
Maximum Vertical Obstacle	500 mm
Maximum Trench Crossing Width	700 mm
Maximum Fording Depth	1000 mm
Maximum Driving Range	600 km
Engine Maximum Power	243 kw / 2500 rpm
Engine Maximum Torque	1200 (N·m) / 1400-1700 rpm
Main Assembly	
Engine	Dongfeng Cummins ISDE6.7-330 30 Electronically Controlled Common Rail Diesel Engine
Transfer Case	Zhuzhou Gear ZQC600-11
Transmission	6AT Manual-Automatic Transmission
Wheels	365/80R20, Optional wheel inner support device with inflation and deflation system

