

Whatever the mission,
wherever, whenever

High Mobility Solution 8x8

USE

Renault Trucks Defense 8x8 driveline is designed for combat vehicles up to 32 tonnes (GVW). This high mobility solution is "combat proven" with the French VBCI infantry combat vehicle.



WEIGHTS

GVW 29 t with a growth potential up to 32 t

POWER PACK

Engine Intercooler diesel engine
6 cylinders in line
Max power 405 Kw (550 hp)
Max torque 2,450 Nm
Gearbox ZF 7HP902
Fully automatic, 7 forward and 2 reverse gear

ROLLING BASE

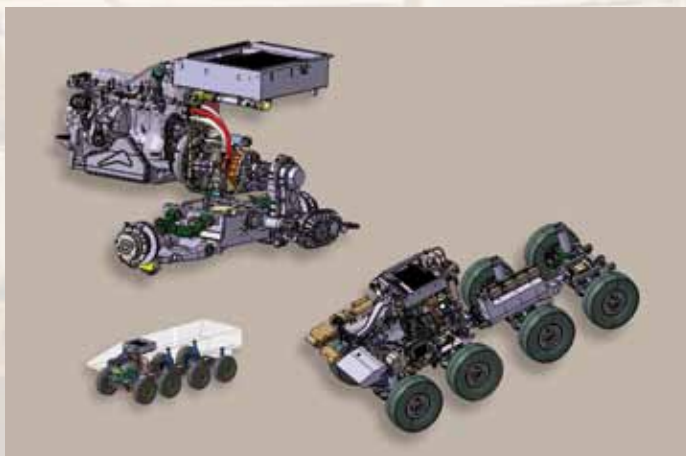
Drop box Mechanical with 3 shafts
Transfer box Mechanical with 2 shafts
Axles (x4) Interwheel differential lock
Longitudinal clutching (6x8 – 8x8)
Wheels (x8) Independent wheels
Wheel reducer
Tyres 395/90 R22 or 1400 R20
Run flat device
Suspensions Mixed oleopneumatic
Double wishbones independent suspensions
Combined hydro-pneumatic spring and shock absorber
Brakes Full air, with 2 independent lines (EBS)
Anti-lock Braking system (ABS)
8 pneumatic disc brakes
Parking brake and emergency brake
Central tires inflation system (CTIS)
Steering Hydraulic power assistance featuring 2 circuits
and 2 pumps
Additional steering system (ASS)

ELECTRIC AND ELECTRONIC NETWORK

Multiplexed electronic network Based on civilian components
Compliant with EMC Standards
CAN BUS system
Centralized dashboard Alerts management
Diagnostic system

PERFORMANCES

Max. speed > 100 km/h
Gradient 60%
Side slope 30%
Step 0.7 m
Trench 2 m
Max range 900 km
Fording 1.70 m



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