

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%

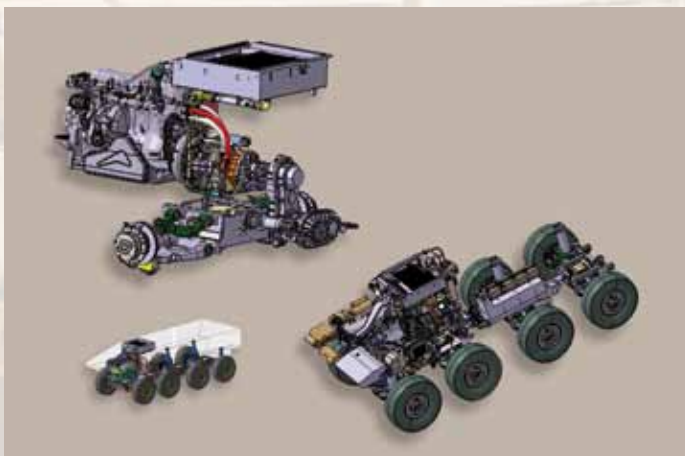
**Side slope** 30%

**Step** 0.7 m

**Trench** 2 m

**Max range** 900 km

**Fording** 1.70 m



## Renault Trucks Defense

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DEFENSE

[www.renault-trucks-defense.com](http://www.renault-trucks-defense.com)