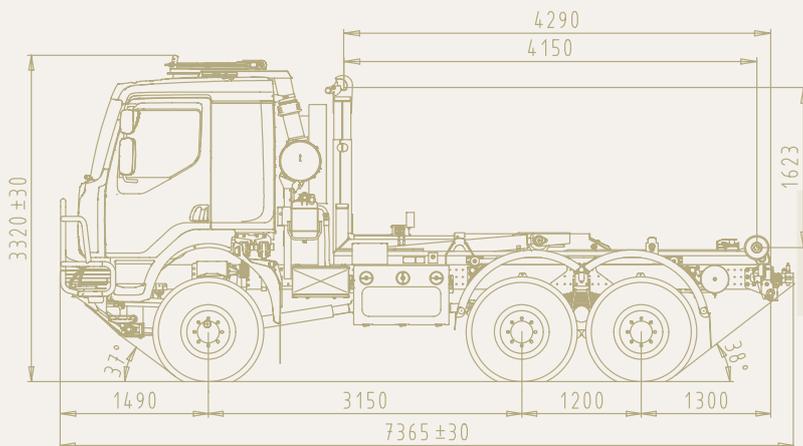


# T 810-1R0R26 13 177 6x6.1R



## 6x6 CHASSIS-CAB WITH LOAD HANDLING UNIT

A medium class all-wheel-drive (6x6) off-road logistic truck that, unlike other TATRA trucks and chassis-cabs, is based on the standard chassis concept - rigid portal axles and a ladder frame. The truck was developed according to specifications given by the Czech Army for a replacement of their aging fleet of medium trucks. As it was required, this high mobility off-road truck has been designed at the borderline of medium and heavy truck classes (N2/N3) and is designated for transporting superstructures up to 5.7 t, and also for towing of trailers on both paved and unpaved roads, as well as in difficult off-road conditions. The chassis with 6.5 t capacity portal axles and bolted and riveted ladder frame can carry special superstructures, bodies, shelters, or standard containers. Central tyre inflation system operating on the fly is a standard feature. The 3-seat cab has an HVAC unit, armoured floor protecting the crew from fragments and splinters from grenades and anti-personnel mines. The pillars and the roof are reinforced and modified to accept an MG mount in the manhole. The 177 kW 6-cylinder in-line Renault engine meets Euro 3 emission standards.



**PORTAL AXLES - TATRA**  
**3,900 kg PAYLOAD**  
**6x6 DRIVE**  
**177 kW**

**TATRA IS THE SOLUTION**



# T 810

tatratrucks.com

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## 6x6 CHASSIS-CAB WITH LOAD HANDLING UNIT

### ENGINE

Water-cooled, four-stroke turbocharged and charge-air-cooled direct injection, diesel.

Make	RENAULT TRUCKS
Model	Dxi7
Number and arrangement of cylinders	6 in line
Bore/stroke	108/130 mm
Swept volume	7.1 ltrs
Max. power output	177 kW/2,300 RPM
Max. torque	920 Nm/1,200-1,700 RPM

### CLUTCH

SAE2, 395 mm diameter, single plate, with diaphragm spring. Hydraulic control with a pneumatic booster.

### TRANSMISSION

ZF 6S 1000 TO  
Number of speeds - forward/ reverse 6/1  
Semiautomatic split. Except of the reverse gear, all gears are synchromeshed. PTO output.

### TRANSFER BOX

ZF STEYER VG 750  
Dual speed with torque divider.

### FRONT AXLE - TATRA

Steered, rigid, portal with hub reductions and side differential lock.  
Sprung by coil springs and telescopic shock absorbers, swing bar.

### REAR AXLES - TATRA

Rigid, portal with hub reductions, axle and interaxle differential locks. Sprung by leaf springs.

### STEERING

Left-hand drive, integral power assisted.

### BRAKE SYSTEM

Dual circuit, pressure-air, disc brakes with ABS, air dryer. Service brake - dual circuit pressure-air brake acting on wheels of all axles. Emergency brake - spring type, acting on wheels of rear axles  
Parking brake - spring type, acting on wheels of rear axles. Auxiliary brake - engine brake, flap type exhaust brake.

### WHEELS

Single tyres on all axles, with CTIS operating on vehicle move.

Rims	20-11
Tyres	365/80 R20

### CAB RENAULT

Cab-over-engine type, all-steel, manual hydraulically assisted tilt. 1+2 seats, sprung fully adjustable driver's seat with seat belt, firm double co-driver's seat with seat belts. AC, heating and ventilation unit. Manhole, armoured floor.

### DIMENSIONS

Width	2,550 mm
Ground clearance (see the picture)	460 mm

### WEIGHTS

Curb weight	9,100 kg
Payload max.	3,900 kg
GVW max.	13,000 kg
Trailer	12,000 kg
GCW max.	25,000 kg

### ELECTRIC EQUIPMENT

Nominal voltage	24 V
Alternator	28 V/100 A
Batteries	2x12 V, 170 A
Main switch	
Black out light and convoy light system	

### WINCH

Pulling force	78 kN
Rope length	60 m
Front/ rear rope output direction	

### EQUIPMENT

Basic tools	
Fuel tank capacity	320 ltrs
Trailer hitch	

### PERFORMANCE

Max. speed	106 km/h
Max. grade at GVW	100 %
Side slope at CW	39 °
Turning circle diameter (curb to curb)	16.5 ± 1 m
Climbing ability - vertical step	600 mm
Crossing ability - trench width	900 mm
Fording capability	1,200 mm
Cruising range (on road)	800 km
Operating temperature	-32 to +49 °C

### LOAD HANDLING UNIT

is able to operate with containers up to 4,900 mm length and 8,000 kg weight.



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