

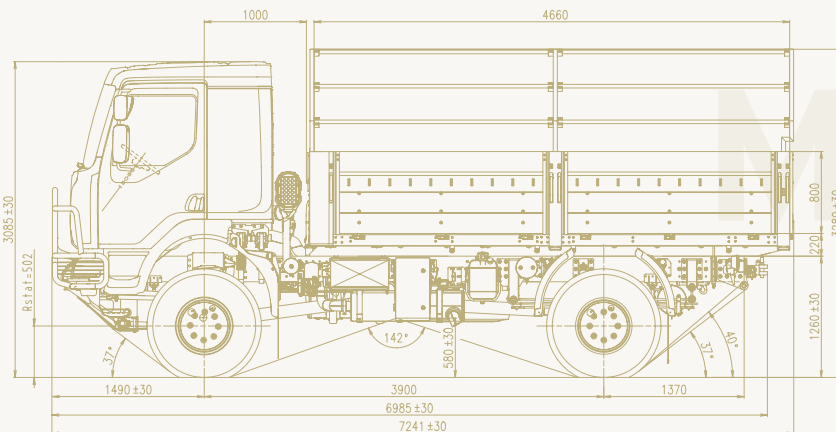
T 810-1R3R22 4x4.1R



DEFENCE

4x4 CARGO TRUCK / TROOP CARRIER

A medium class all-wheel-drive (4x4) 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 6.3 t, and also for towing of trailers on both paved and unpaved roads, as well as in difficult off-road conditions. The chassis with portal axles and bolted 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. The pillars and the roof are reinforced and modified to accept an MG mount in the manhole.



PORTAL AXLES - TATRA
5,500 kg PAYLOAD
4x4 DRIVE
177 kW

MEDIUM CLASS

TATRA TAKES YOU FURTHER

tatratrucks.com



TATRA TACTIC

T 810-1R3R22 4x4.1R

4x4 CARGO TRUCK / TROOP CARRIER

ENGINE

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

Make	RENAULT TRUCKS
Model	DXi7 240-ECO1
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

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

TRANSMISSION

Model	ZF Ecolite 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

Model	Steyr VG 750/270
-------	------------------

Dual speed with torque divider.

FRONT AXLE - TATRA

Steered, rigid, portal with hub reductions and cross axle differential lock. Sprung by coil springs and telescopic shock absorbers, sway bar. 6 t capacity.

REAR AXLE - TATRA

Rigid, portal with hub reductions, cross axle differential lock. Sprung by leaf springs. 7 t capacity.

STEERING

Left-hand drive, integral power assisted.

BREAKING 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 axle
Parking brake - spring type, acting on wheels of rear axle
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

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. HVAC unit. Manhole.

DIMENSION

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

WEIGHTS

Curb weight	7,500 kg
Payload max.	5,500 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, 180 A
Main switch	
Black out light and convoy light system	

WINCH

Pulling force	80 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 %
Static side slope at CW	80 %
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

CARGO BODY

With tarpaulin, foldable benches for 16 troops, rear foldable access.

tatratrucks.com



TATRA EXPORT s.r.o.

Areál Tatro 1450/1, 742 21 Kopřivnice, Czech Republic
tel.: +420 556 492 654, fax: +420 556 492 672, e-mail: defence@tatra.cz