

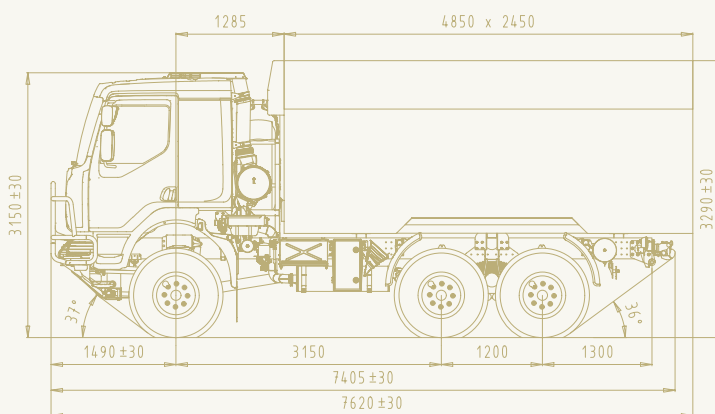
T 810-1R3R32 6x6.1R



DEFENCE

6x6 SHELTER CARRIER

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 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 177 kW 6-cylinder in-line Renault engine meets Euro 3 emission standards.



PORTAL AXLES - TATRA
2,850 kg PAYLOAD
6x6 DRIVE
177 kW

MEDIUM CLASS

TATRA TAKES YOU FURTHER

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TATRA TACTIC

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6×6 SHELTER CARRIER

ENGINE

Water-cooled, four-stroke turbocharged and charge-air-cooled direct injection, diesel, EURO 3.
 Model RENAULT Dxi7 240-EC01
 Number and arrangement of cylinders 6 in line
 Bore/stroke 108/130 mm
 Swept volume 7.145 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

Model ZF ECOLITE 6S 1000 W0
 Number of speeds - forward/ reverse 6/1
 Semiautomatic split. Except of the reverse gear, all gears are synchromeshed. PTO output.

TRANSFER BOX

Model ZF STEYR VG 750/270
 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, sway 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.

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 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 the fly.
 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.

DIMENSION

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

WEIGHTS

Curb weight 10,150 kg
 Payload max. 2,850 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 2×12 V/180 A
 Main switch
 Black out light and convoy light system

WINCH

Hydraulic winch (optional equipment)
 Pulling force 78 kN
 Rope length 60 m
 Front/ rear rope output direction

EQUIPMENT

Basic tools
 Fuel tank capacity 320 ltrs
 Trailer hitch, pin dia 76 mm

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
 Forging capability 1,200 mm
 Cruising range (on road) cca 800 km
 Operating temperature -25 to +49 °C

SHELTER

Suitable for C4I (command, control, communication, computer and intelligence/ information systems).
 Inner working place for four people.
 Hermetic shelter is firmly connected with chassis, roof with cut corners to comply with railway-tunnel profile, four roof windows 500×500 mm, roof ventilating open 600×600 mm, antiskid floor.
 Equipment - independent heater; air conditioning; electrical system 127V/220V/380V/60Hz and 24 V; electrical sockets; lighting; data/communication network; earth-wire; furniture - cabinets, desks, rolling chairs (3 pcs), foldable seats with seat belts (3 pcs); refrigerator 24 V
 Dimensions - L × W × H = 4,860 × 2,460 × 2,057 mm

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