

T 815-7LOR59 19 257 4x4.1R



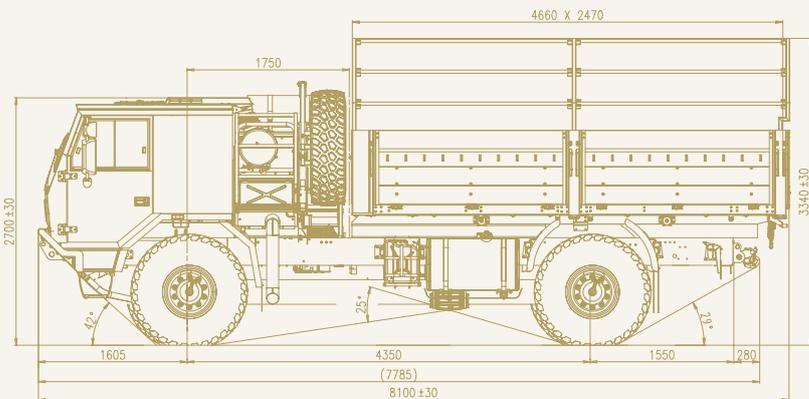
4x4 HIGH MOBILITY HEAVY DUTY CARGO/TROOP CARRIER

The TATRA 4x4 High Mobility Heavy Duty - Tactical Truck is a member of the most recent development of the new military family of TATRA trucks - heavy-duty vehicles designed for rough terrain, difficult climatic and environment conditions. Due to its specific design features, this truck is particularly suitable for expeditionary forces and for deployment overseas.

The 4x4 all-wheel drive chassis employs new development of the independent suspension and backbone tube frame, which are unique characteristics of the TATRA-concept chassis proven for more than 80 years. It allows each wheel to move independently, with improved steering, and maximum tire-to-ground contact, while featuring extreme resistance of the chassis against torsion and bending. This is provided by a solid 3D frame formed by connecting the backbone tube with a conventional ladder frame via several cross-members. In addition, the backbone tube frame also protects all driveline components, which are placed inside the backbone tube, against impacts, dust, and humidity. Low service and maintenance costs, and service-free design without conventional cardan-shaft torque distribution are other benefits of this concept.

Air springs all-round, along with the independent wheel suspension, care for low vertical vibration, and thus provide high ride comfort, enabling also fast drive in rough terrain.

- C-130 transportable
- Adjustable vehicle height and clearance
- All-wheel drive
- Differential locks
- CTIS operated on the fly
- Optional add-on armoring kits to be implemented by the end-user when needed



INDEPENDENT SUSPENSION
SOLID 3D STRUCTURE FRAME
8,500 kg PAYLOAD
4x4 DRIVE
257 kW

TATRA IS THE SOLUTION



T 815-7

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4x4 HIGH MOBILITY HEAVY DUTY CARGO/TROOP CARRIER

ENGINE

Water-cooled, 4-stroke, turbocharged, aftercooled, direct injection diesel, electronically controlled. EURO 3 emission level.

Make	CUMMINS
Modell	ISLe+ 350
Numbers of cylinders	6 in-line
Bore/stroke	114/144,5 mm
Displacement	8,850 cm ³
Max. power output	257 kW (345 bhp)/2,100 RPM
Max. torque	1,550 Nm/1,400 RPM

TRANSMISSION

Model	Allison MD 3200 SP
Automatic, no. of gears forward/reverse	6/1

TRANSFER CASE TATRA 2.30 TRK 0.9/2.4

2-speed reducing.

FRONT AXLE

Steered, driven with swinging half-axles, front-drive disconnect, axle differential lock. Air springs and telescopic shock absorbers. Wheel hub reductions.

REAR AXLES

Driven, with swinging half-axles, axle differential lock. Air springs and telescopic shock absorbers. Wheel hub reductions. Swing bar.

STEERING

Left/right hand drive, integral power steering.

BRAKE SYSTEM

Drum brakes, pneumatically assisted, wedge type self-adjustable brake units, ABS.

Four separate brake systems: service, emergency, parking and Jacobs engine brake.

WHEELS

Single tactical tyres on all axles with automatically controlled CTIS.

Tyres	14.00 R20 Tubeless
Discs	20 -10.00 V
Beadlocks, run-flats as option	

CAB

TATRA military, low profile all-steel cab enabling vehicle air transport-ability in C-130. Forward control cab, tilted manually/electically by hydraulic pump. 2 adjustable seats with safety belts, firm middle seat with safety belt, right-left design, roof manhole. Rifle racks, sun visors, HVAC unit, independent heating as option. Prepared for add-on armouring.

DIMENSIONS

Overall width	2,500 mm
Track - front/rear	2,072 mm
Ground Clearance	380 mm
Clearance can be temporarily raised/lowered by suspension on the fly.	

WEIGHTS

Curb weight	10,500 kg
Payload (max.)	8,500 kg
Gross vehicle weight (max.)	19,000 kg
Max. trailer weight	18,000 kg
Max. gross combination weight	37,000 kg

ELECTRIC EQUIPMENT

Circuit voltage	24V, negative pole grounded
Battery	170 Ah
Alternator	28 V/70A
Black-out electrical system and convoy lights.	

FUEL TANK

Capacity 220 ltrs, 320 and 420 ltrs as option.

PERFORMANCE

Max. speed	115 km/h
Gradeability	40-75%
Turning circle diameter (curb to curb)	18.5 ± 1m
Fording capability	1,500 mm
Crossing ability - trench width	900 mm
Cruising range min. - on road approx.	500 km
Climbing ability - vertical step	500 mm
Operating ambient temperature	-32 to + 49 °C

EQUIPMENT

Trailer hook - automatic, incl. electrical and braking system coupling.

Platform, foldable benches for 16 soldiers, rolled up sides of tarp, access through the rear. Transport of 6 or 10 ft ISO containers.

Driver's tools for maintenance and common repairs. 2kg ABC Fire extinguisher, pioneer tools, jack, wheel chock, 4x 20L jerry cans.

Winch - pulling capacity 54 kN, rope length 30m - as option.



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