

# T 815-780R59 19 270 4x4.1R



DEFENCE

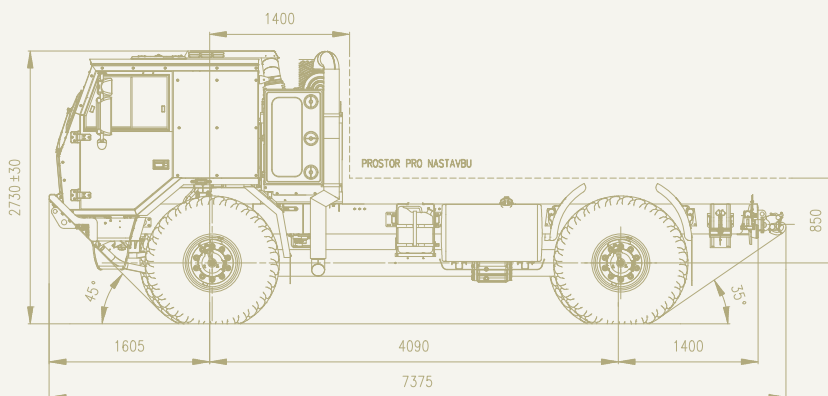
## 4x4 HMHD CHASSIS-CAB

The TATRA 4x4 High Mobility Heavy Duty (HMHD) - Tactical Truck is a member of the most recent development of the latest military family of TATRA trucks 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 90 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 armouring kits to be implemented by the end user when needed



INDEPENDENT SUSPENSION  
SOLID 3D STRUCTURE FRAME  
9,400 kg PAYLOAD  
4x4 DRIVE  
270 kW

TATRA IS THE SOLUTION



# T 815-7

tatratrucks.com

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## 4x4 HMHD CHASSIS-CAB

### ENGINE

Air cooled, four stroke turbo-charged and charge-air-cooled direct injection Diesel.

Model	TATRA T3C-928-81 EURO 3
Number of cylinders	8
Bore/stroke	120/140 mm
Displacement	12.7 ltrs
Power output	270 kW/1,800 RPM
Max. torque	1,850 Nm/1,000 RPM

### CLUTCH

MFZ 1x430, single plate, with diaphragm spring. Hydraulic control with pneumatic booster.

### TRANSMISSION

Model	TATRA 14 TS 210L
Number of speeds: - forward	14
- reverse	2

Semiautomatic split. Except of the crawler and reverse gears, all gears are synchromeshed.

### TRANSFER BOX

Type TATRA 2.30 TRS 0.8/1.9. Speed reducing. Pneumatic control.

### FRONT AXLE

TATRA steered and driven swing half-axle with independent wheel suspension, axle differential lock and front drive disconnection. Wheel hub reductions. Air springs and telescopic shock absorbers.

### REAR AXLE

TATRA driven swing half-axle with independent wheel suspension, axle differential lock. Wheel hub reductions. Air springs and telescopic shock absorbers. Sway bar.

### STEERING

Left/right hand drive, integral power steering.

### BRAKES

Wedge type self-adjustable drum brake units, ABS. Four separate brake systems: service, emergency, parking, and engine brake.

### WHEELS

Single tactical tyres on all axles with CTIS.

Rims	20 -10.00V
Tyres	16.00 R20

Beadlocks, run flats as option

### CAB

COE type, forward tilting, all-steel, two doors, driver's adjustable seat with safety belt, firm 3 seats with safety belts, flat 2-piece windscreen, right-left design, roof manhole. Rifle racks, sun visors, HVAC unit. C-130 transportable. Add-on armouring as option.

### ELECTRIC EQUIPMENT

Nominal voltage	24 V
Batteries	2x12V, 180 Ah
Alternator	80 A/28 V

### DIMENSIONS

Width	2,550 mm
Track - front/rear	2,072 mm
Clearance	410 mm

Clearance can be temporarily raised/lowered by suspension on the fly.

### WEIGHTS

Curb weight	9,600 kg
Payload max.	9,400 kg
GVW max.	19,000 kg

### PERFORMANCE

Top speed	115 km/h
Gradeability at GVW (calculated)	100 %
Side slope	45%
Turning circle diameter (curb to curb)	18.5±1 m
Fording capability	1,500 mm
Crossing ability - trench width	1,000 mm
Climbing ability - vertical step	600 mm
Fuel tank	420 ltrs
Cruising range (on road)	cca 1,200 km
Operating ambient temperature	-32°C to +49°C

### EQUIPMENT

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

Driver's tools for maintenance and common repairs. 2kg ABC Fire extinguisher, pioneer tools, jack, wheel chock, 4x20L jerry cans.

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



### TATRA EXPORT s.r.o.

Areál Tatry 1450/1, 742 21 Kopřivnice, Czech Republic  
tel.: +420 556 492 398, fax: +420 556 492 672, e-mail: defence@tatra.cz

tatratrucks.com