The TATRA 6×6 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 6×6 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
15,100 kg PAYLOAD
6×6 DRIVE
276 kW

T 815-7L0R39 29 276 6×6.1R
ENGINE
Water cooled, four stroke, turbocharged, aftercooled, direct injection diesel, electronically controlled.
EURO 3 emission level.
Make: CUMMINS
Model: ISLe 375
Numbers of cylinders: 6 in-line
Bore/stroke: 114/144.5 mm
Displacement: 8,850 cm³
Max. power output: 276 kW (370 bhp)/2,100 RPM
Max. torque: 1,550 Nm/1,200 RPM

TRANSMISSION
Model: TATRA 10TS 210
Manual, no. of gears forward/reverse: 6/1
Electronic shift control with semiautomatic and manual mode.

TRANSFER CASE
Model: TATRA 2.30 TRK 0.79/1.85
Two-speed, shifted at halt.

FRONT AXLE
Steered, driven with swinging half-axes, front-drive disconnection, axle differential lock. Air springs and telescopic shock absorbers. Wheel hub reductions.

REAR AXLES
Driven, with swinging half-axes, axle and interaxle differential locks. Air springs and telescopic shock absorbers. Wheel hub reductions. Sway bar.

STEERING
Left 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 engine brake.

WHEELS
Single tactical tyres on all axles with CTIS.
Tyres: 14.00 R20 Tubeless
Discs: 20 -10.00 V

CAB
TATRA military, low profile all-steel cab enabling vehicle air transport-ability in C-130. Forward control cab, tilted. 2 adjustable seats with safety belts, right-left design, roof manhole. Rifle racks, sun visors, HVAC unit. Prepared for add-on armouring.

DIMENSIONS
Overall width: 2,550 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: 13,900 kg
Payload (max.): 15,100 kg
Gross vehicle weight (max.): 29,000 kg
Max. trailer weight (max.): 18,000 kg
Max. gross combination weight: 47,000 kg

ELECTRIC EQUIPMENT
Circuit voltage: 24V, negative pole grounded
Battery: 2x12 V, 180 Ah
Alternator: 28 V/80A
Black-out electrical system and convoy lights.

FUEL TANK
Capacity: 320 l

PERFORMANCE
Top speed: 85 km/h (speed limiter)
Grade ability: 50 %
Turning circle diameter (curb to curb): 20±1 m
Fording capability: 1,200 mm
Crossing ability - trench width: 900 mm
Cruising range (on road): 500 km
Climbing ability - vertical step: 500 mm
Operating ambient temperature: -10 to +55 °C

EQUIPMENT
Trailer hook, incl. electrical and braking system coupling.
Platform, foldable benches for 22 soldiers, rolled up sides of tarp, access through the rear.
Driver´s tools for maintenance and common repairs.
2kg ABC Fire extinguisher, pioneer tools, jack, 2 wheel chocks.