

T 815-7T3RC1 8x8.1R



DEFENCE

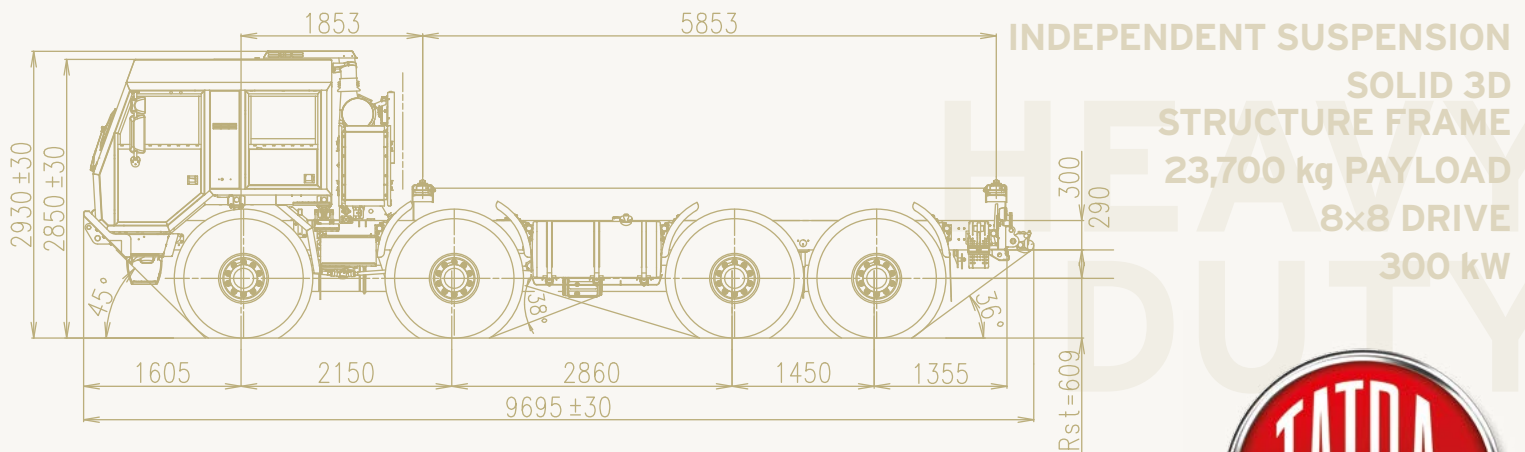
8x8 HMHD UNIVERSAL CARRIER, DOUBLE CAB

The TATRA 8x8 High Mobility Heavy Duty Tactical Truck is a member of the TATRA FORCE family, heavy-duty vehicles designed for rough terrain, difficult climatic and environment conditions.

The 8x8 all-wheel drive chassis employs independent suspension and backbone tube frame, 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 which also protects all driveline components against impacts, dust, and humidity. Low maintenance costs and service-free design.

Double cabin (4 doors) COE type tiltable can be equipped up to 6 seats. Subframe for ISO 1C containers, flatracks or modules.

- Adjustable vehicle height and clearance • All-wheel drive • Differential locks • CTIS operated on the fly •



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TATRA FORCE

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8x8 HMHD UNIVERSAL CARRIER, DOUBLE CAB

ENGINE - TATRA T3C-928.90

Air-cooled, V-type, 4-stroke, turbocharged, charge air-cooled, direct injection Diesel engine.

Electronically controlled cooling. EURO 3 emission standards.

Numbers of cylinders	8 V
Bore/stroke	120/140 mm
Swept volume	12.7 litres
Max. power output	300 kW/ 1,800 rpm
Max. torque	2,100 Nm/ 1,000 + 200 rpm

CLUTCH

Single-plate, diaphragm clutch 1x430 mm, attached to the engine flywheel. Hydraulic control with pressure-air power cylinder.

TRANSMISSION - TATRA 14TS210N

Manual 14-speed transmission with semiautomatic split, 14 forward and 2 reverse gears. Electronic shift control with semiautomatic and manual mode.

Except of the first and reverse gears, all gears are synchromeshed. PTO output.

TRANSFER CASE TATRA 2.30 TRS 0.8/1.9

Two-speed, shifting in coordination with transmission.

FRONT AXLES

Steered, driven with swinging half-axes, front-drive disconnect, axle and inter-axle differential locks. Hub reductions. Air springs, telescopic shock absorbers, sway bar.

REAR AXLES

Driven, with swinging half-axes, axle and inter-axle differential locks. Hub reductions. Air springs, telescopic shock absorbers sway bars.

STEERING

Left/right hand drive, integral power steering, backup circuit.

BRAKE SYSTEM

Wedge type self-adjustable brake units, ABS.

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

WHEELS

Radial Tyres 16.00 R20 TL with runflats, CTIS

Discs 20 -10.00 V

CAB

Double cab, four doors, COE type, forward tilting, driver's seat adjustable with 3-point safety belt, other seats firm with safety belt, left-right design, roof manhole. HVAC unit, independent heating, NBC kit, rifle racks, sun visors.

DIMENSIONS

Width	2,550 mm
Track - front/rear	2,072 mm
Ground Clearance	400 mm
Clearance can be temporarily raised/lowered (+90/-125 mm) by suspension on the fly.	

WEIGHTS

Curb weight	14,300 kg
Payload	23,700 kg
Gross vehicle weight	38,000 kg
Trailer weight	18,000 kg
Gross combination weight	56,000 kg

ELECTRIC EQUIPMENT

Circuit voltage	24V
Battery	180 Ah
Alternator	28 V/80A
Blackout electrical system and convoy lights.	

PERFORMANCE

Max. speed	105 kph
Speed w/limiter	85 kph
Gradeability calculated at 38 t	80 %
Climbing ability - vertical step	600 mm
Crossing ability - trench width	2,100 mm
Fording capability	1,500 mm
Turning circle diameter (curb to curb)	23±1m
Cruising range - on road approx.	700 km
Operating ambient temperature	-32 ÷ +49 °C

EQUIPMENT

Tool boxes, tools for maintenance and common repairs.

Fire extinguisher, pioneer tools, jack, wheel chocks, 20L jerry cans, 420L fuel tank, tow bar, snow chains.

Axle hang-up kit for suspended towing.

Subframe for ISO 1C containers, flatracks or modules.

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