

T 815-790R99 38 300 8x8.1R



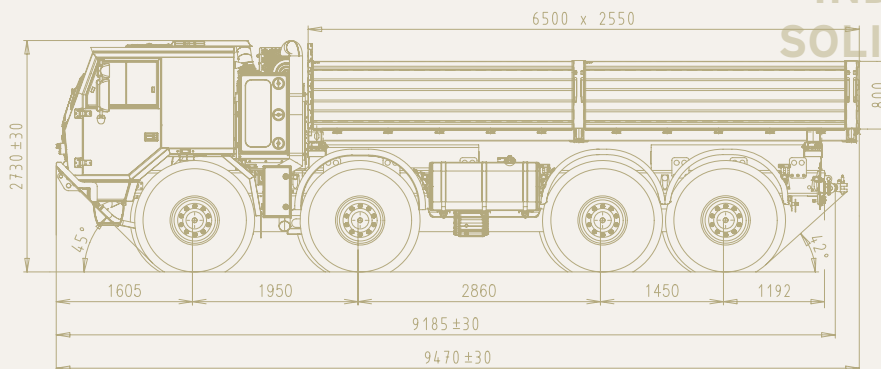
8x8 HMHD UNIVERSAL CONTAINER CARRIER

The TATRA 8x8 universal container carrier is a member of the new military family of high mobility heavy duty tactical trucks suitable for operations in the most difficult off-road or cross-country conditions. It can carry various kinds of standard or special superstructures placed on ISO 1C container base. Exceptional resistance of the chassis against twist and bending, as well as low transfer of vibrations on the load make it ideal means for transporting containers, shelters, sophisticated electronics, or other sensitive loads.

The independent suspension and backbone tube frame are unique characteristics of the TATRA-concept chassis proven for more than 80 years. It allows each wheel to move independently with maximum tyre-to-ground contact, while solid 3D structure frame protects superstructures against torsion and bending. In addition, all driveline components placed inside the backbone tube are protected against impacts, dust and humidity. Low service and maintenance costs, and actually 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 can be implemented by the end-user when needed



INDEPENDENT SUSPENSION
SOLID 3D STRUCTURE FRAME
24,100 kg PAYLOAD
8x8 DRIVE
300 kW

TATRA IS THE SOLUTION



T 815-7

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8x8 HMHD UNIVERSAL CONTAINER CARRIER

ENGINE TATRA T3C-928-90 EURO 3

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

Number of cylinders	8
Bore/stroke	120/140 mm
Displacement	12.7 ltrs
Power output	300 kW/1,800 RPM
Max. torque	2,100 Nm/1,000 RPM

CLUTCH

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

TRANSMISSION - 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. Pneumatic control.

FRONT AXLES

TATRA steered and driven swing half-axes with independent wheel suspension, cross axle differential locks and inter-axle differential lock. Wheel hub reductions. Air springs and telescopic shock absorbers.

REAR AXLES

TATRA driven swing half-axes with independent wheel suspension, cross axle differential locks and inter-axle differential lock. Wheel hub reductions. Air springs and telescopic shock absorbers, sway bars.

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 or runflats as option

CAB

COE type, medium size, 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. Prepared for add-on armoring.

FRAME

With container ISO 1C adapters enabling to transport any ISO 1C container or module up to 21,000 kg.

ELECTRIC EQUIPMENT

Nominal voltage	24 V
Batteries	2x12V, 170 Ah
Alternator	80 A/28 V

DIMENSIONS

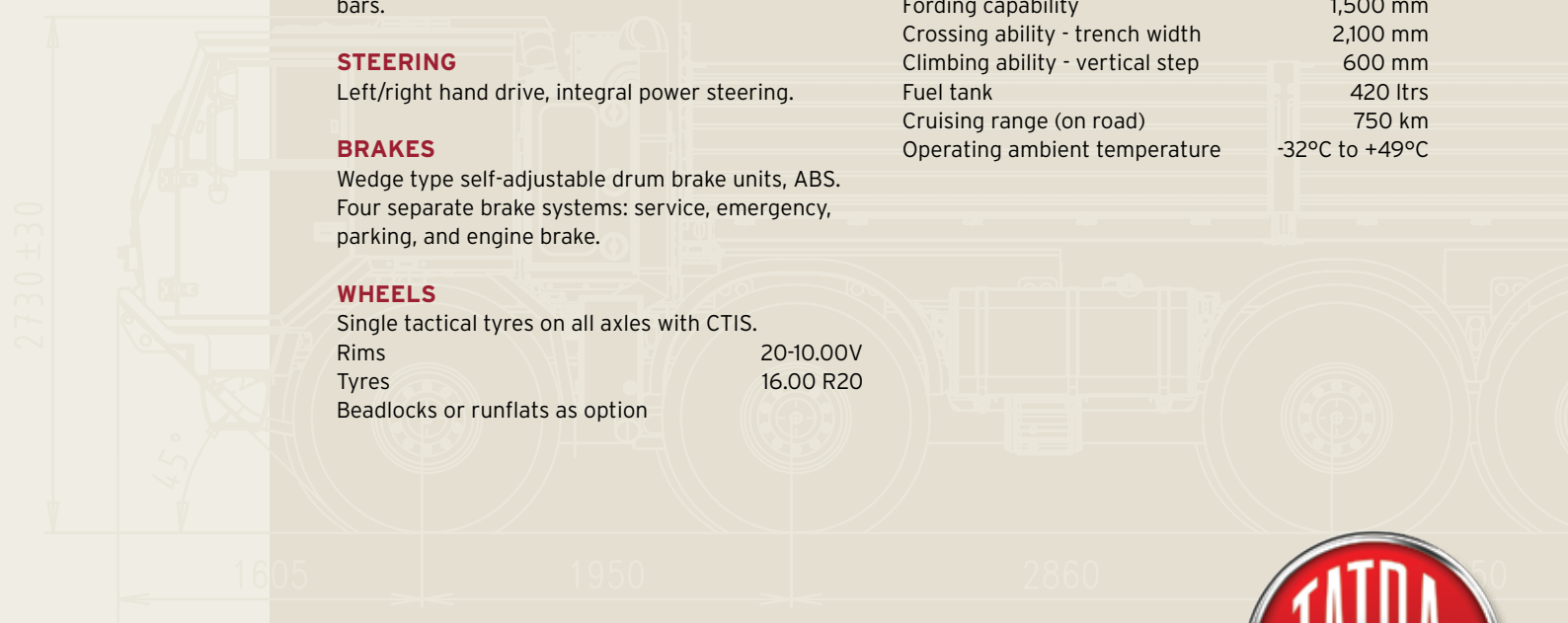
Width	2,500 mm
Track - front/rear	2,072 mm
Ground clearance	410 mm
Clearance can be temporarily raised/lowered by suspension on the fly.	

WEIGHTS

Curb weight	13,900 kg
Payload max.	24,100 kg
GVW max.	38,000 kg

PERFORMANCE

Top speed	115 km/h
Gradeability at GVW	60 %
Side slope	45 %
Turning circle diameter (curb to curb)	23 ± 1 m
Fording capability	1,500 mm
Crossing ability - trench width	2,100 mm
Climbing ability - vertical step	600 mm
Fuel tank	420 ltrs
Cruising range (on road)	750 km
Operating ambient temperature	-32°C to +49°C



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