

T815-7NOR99 38 331 8x8.1R



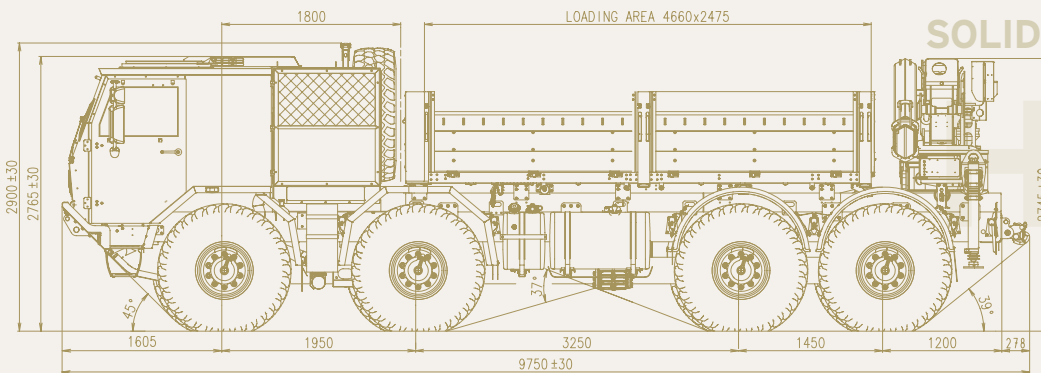
8x8 HMHD CARGO CARRIER WITH CRANE

The ATX8 cargo/troop carrier with crane is an 8x8 member of the new military family of high mobility heavy duty tactical trucks designed and built for operations in the most difficult cross-country conditions. It is logistic truck for transport of 16 troops or different kinds of goods up to 21,000 kg. The mounted hydraulic crane with 240 kNm capacity can load pallets and other goods up to 5,500 kg. Exceptional resistance of the chassis against twisting and bending, as well as low transfer of vibrations on the load make it ideal means for transporting people or sensitive loads.

The independent suspension with swing half-axes and backbone tube are unique characteristics of the Tatra Tactical Chassis Technology which has been proven and refined over the last 80+ years. The design allows each wheel to move independently with maximum tire-to-ground contact, while the solid 3D structure chassis nearly completely eliminates torsional and bending forces on the superstructure. Additionally, all driveline components, including differentials, are housed inside the backbone tube where they are protected against ground contact, dust and water. Our unique "cardan-shaft free" torque distribution design translates into low service and maintenance costs.

With air spring at each wheel position, our independent suspension has superior wheel travel allowing operators to tackle with ease the most punishing terrain, even at higher speeds. The design also incorporates ride height control, allowing the operator to adjust on the move the chassis height according to the character of obstacle or to load the vehicle into a C-130 aircraft.

Our cabin is available in both short and extended variants, with soft skin, add-on armor kits or as a replaceable cabin protected up to STANAG Level 3/4.



INDEPENDENT SUSPENSION
SOLID 3D STRUCTURE FRAME
21,100 kg PAYLOAD
8x8 DRIVE
335 kW

TATRA IS THE SOLUTION



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tatratrucks.com

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9x8 HMHD CARGO CARRIER WITH CRANE

ENGINE - NAVISTAR MaxxForce® D 12.4

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

Model	Navistar MaxxForce® D 12.4
Number of cylinders	6 In-Line
Bore/stroke	126/166 mm
Displacement	12.4 L
Power output	335 kW (450 bhp) @ 1,700 RPM
Max. torque	1,972 Nm (1,453 lb-ft) @ 1,000 RPM

TRANSMISSION - Allison 4500SP

Automatic, no. of gears forward/reverse	6/1
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TRANSFER BOX

Type TATRA 2.30 TRK 0.9/2.4. Speed reducing. Pneumatic control.

FRONT AXLES

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

REAR AXLES

TATRA driven swing half-axles with independent wheel suspension, axle differential locks and inter-axle differential lock. Wheel hub reductions. Air springs and telescopic shock absorbers, anti-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 tires on all axles with CTIS.
Rims 20-10.00V
Tires 16.00 R20
Beadlocks, run-flats as option

CAB

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

ELECTRIC EQUIPMENT

Nominal voltage	24 V
Batteries	4x12V, 220 Ah
Alternator	260 A/28 V

DIMENSIONS

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

WEIGHTS

Curb weight (w/ armored cab)	16,900 kg
Payload max.	21,100 kg
GVW max.	38,000 kg

PERFORMANCE

Top speed	115 km/h
Gradeability at GVW	55 %
Side slope	45 %
Turning circle diameter (curb to curb)	26 ± λ m
Fording capability	1,500 mm
Crossing ability - trench width	2,100 mm
Fuel tank	570 ltrs
Cruising range (on road)	1,100 km
Climbing ability - vertical step	600 mm
Operating ambient temperature	-32°C to +49°C

EQUIPMENT

Cargo body - w/tarpaulin, rear foldable access, optionally sitting for 16 troops.
Crane - capacity 240kNm, outreach 6.9 m, outreach lifting capacity 5,800 kg/4.3 m to 3,550 kg/6.9 m, remote control.
CTIS - automatic.
Trailer hook - automatic, incl. electric and braking system coupling.



TATRA EXPORT s.r.o.

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