

T 158 - 8P3R33.391 6x6.2



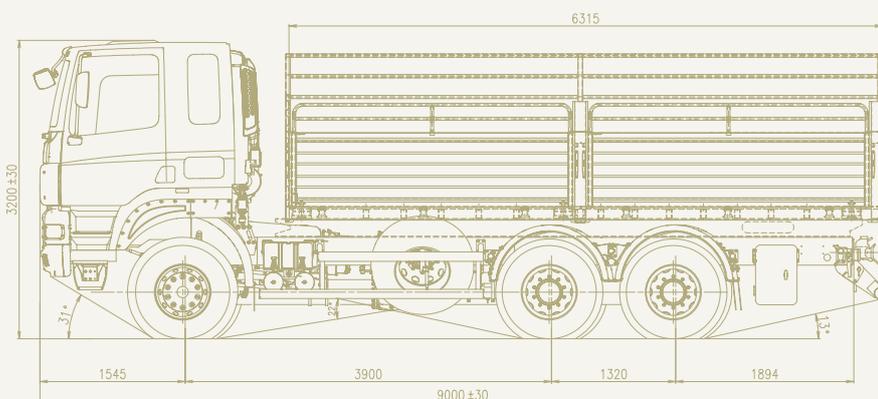
DEFENCE

6x6 CARGO/TROOP CARRIER

The 6x6 cargo/troop carrier of the TATRA PHOENIX family is the so-called commercial-off-the-shelf (COTS) product; it is a vehicle just with a few modifications to its serial civilian version, which is designed for heavy terrain. A big advantage of the TATRA PHOENIX range trucks is their reliability and efficiency in the off-road environment.

The new range of TATRA PHOENIX vehicles intended for defense and military segment is particularly suitable to be operated as a logistic and administrative support under tough terrain conditions.

It is still the same TATRA vehicle concept, i.e. a rigid frame and independently suspended half-axles, and its well-known advantages over competitors such as high off-road speed, driving comfort and vehicle stability. The suspension system is the same as of the T815-7 family vehicles, therefore driving comfort and performance are at a comparable level.



INDEPENDENT SUSPENSION
SOLID 3D STRUCTURE FRAME

17,500 kg PAYLOAD

6x6 DRIVE

300 kW

HEAVY
DUTY

TATRA IS THE SOLUTION



TATRA PHOENIX

tatratrucks.com

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6x6 CARGO/TROOP CARRIER

TATRA PHOENIX

ENGINE

Water-cooled, 4-stroke, turbocharged, aftercooled, direct injection diesel, electronically controlled.

Model	PACCAR MX300 EURO III
Numbers of cylinders	6 in-line
Bore/stroke	130/162 mm
Displacement	12 900 cm ³
Max. power output	300 kW (408 bhp)/1,500 RPM
Max. torque	2,000 Nm/1,000 - 1,400 RPM

TRANSMISSION

Model	ZF 16S 2230 TO
Manual, no. of gears forward/reverse	16/2

TRANSFER CASE TATRA 1.30 TR 1.28

Single-speed

FRONT AXLE

TATRA, steered, driven with swinging half-axes, disengageable front-drive, axle differential lock. Air springs and telescopic shock absorbers, sway bar.

REAR AXLES

TATRA, driven, with swinging half-axes, axle differential locks and inter-axle differential lock. Air springs and telescopic shock absorbers, 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

Tyres	385/65 R22.5 / 315/80 R22.5
Discs	22.5x11.75 / 22.5x9.00

CAB

Forward control cab, middle cab, tilted manually, 2 adjustable seats with safety belts. HVAC unit, independent heating, bunk as options.

DIMENSIONS

Overall width	2,550 mm
Wheel track - front/rear	1,942/ 1,774 mm
Ground clearance	280 mm

WEIGHTS

Curb weight	12,500 kg
Payload (max.)	17,500 kg
Gross vehicle weight (max.)	30,000 kg
Max. trailer weight	24,000 kg
Max. gross combination weight	54,000 kg

ELECTRIC EQUIPMENT

Circuit voltage 24V, negative pole grounded	
Battery	180 Ah
Alternator	28 V/80A

FUEL TANK

Capacity 300 l

PERFORMANCE

Max. speed with speed limiter	85 km/h
Gradeability at 30t GVW (calculated)	100 %
Turning circle diameter (curb to curb)	18.5±1 m
Fording capability	800 mm
Operating ambient temperature	-32 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, jack, wheel chocks.

CARGO BODY

Steel platform, foldable benches for 28 soldiers, capacity to transport 8-10 STANAG 2828 pallets in one layer, ISO 1C container or two ISO 1D containers.



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