

# T 158 - 8P3R33.391 6x6.2



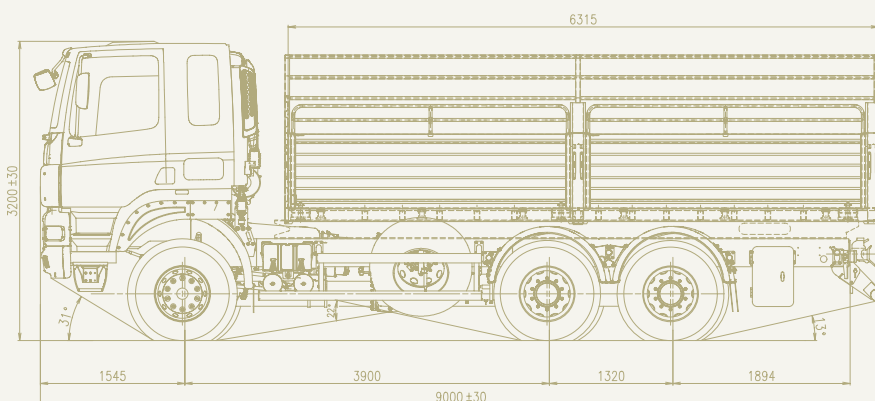
DEFENCE

## 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](http://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 <sup>3</sup>
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.



### TATRA EXPORT s.r.o.

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