

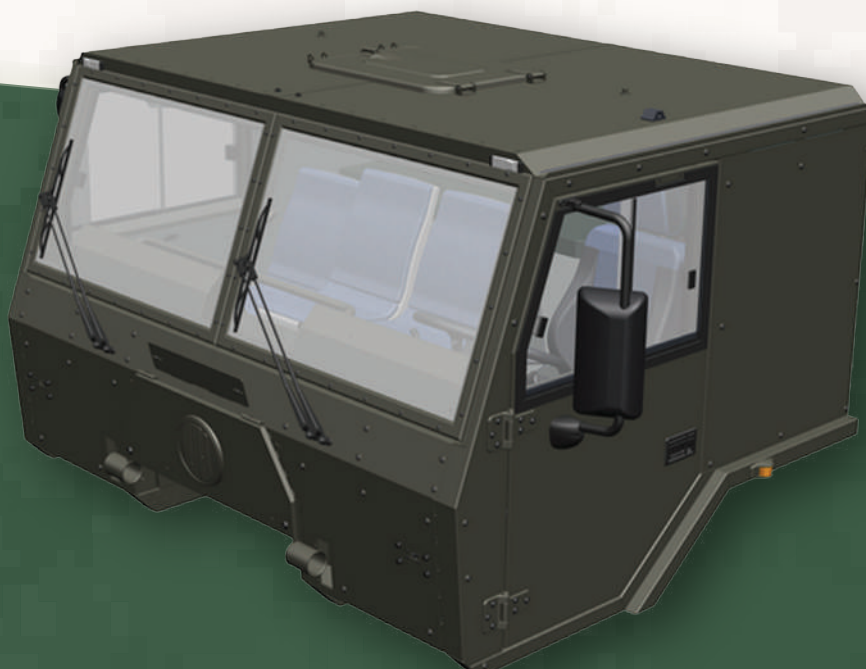
# TATRA

## 6X6 T815



## CHASSIS OVERVIEW

- ⦿ A standardized range of special vehicles complying with all requirements from special military forces such as the ability to be transported by standard NATO C-130 Hercules aircraft, the possibility of additional armor according to STANAG, the use of an overpressure NBC.
- ⦿ Protection kit, the possibility of mounting a gun carriage system, etc. The chassis is based on the TATRA vehicle design (Backbone tube and independent swinging axles).
- ⦿ All axles are suspended by rubber air bellows placed under the frame. For the rear axles, the King Frame combined suspension system can also be used.
- ⦿ Vehicles are equipped with a low cab.
- ⦿ Engines are of Tatra design air-cooled engines, or Cummins Inc. water-cooled.
- ⦿ The transmission is 6 speed fully automatic Allison 6th generation.
- ⦿ The T 815-7 are AWD (4x4, 6x6, 8x8 up to 10x0).





- ⦿ These vehicles are primarily intended for the military segment; thanks to their low height and compactness, however, they are also widely used in the civilian sector – mobile cranes, fire trucks with ladders and rescue vehicles.
- ⦿ The vehicles are primarily designed to perform specific tasks in the fire service or armed forces. For these reasons, the cab is simple but comfortable and adapted to the work of these special units with adjustable steering wheel, A/C and independent heater.
- ⦿ The cab ceiling is reinforced to protect the crew against a puncture due to falling objects or rollover, which can also be used in the mining industry, where there is no need to install additional protection (compliant with the ROPS / FOPS rules).
- ⦿ The cab allows the transport of up to 4 people, including the driver.
- ⦿ All tires are equipped CTIS and Bead locks with single mounted Michelin tire.





#### Cummins Engine ISM 11

500 Hp @1,800 rpm / 2,102 Nm @ 1200 rpm euro 3.

6 in line cylinder, water cooled, direct injection, electronically controlled, turbo-charged, charge air cooled, engine brake.



#### Allision transmission 4500 SP

6-speed fully automatic with electronically controlled PTO output.



#### Gross Vehicle Weight (GVW)

29 Ton, kerb weight = 11 ton, payload = 18 ton, GCW = 47 ton.



#### Width

2,550 mm – ground clearance = 413 ±12 mm (air spring).



Tatra two speed transferase shifted at stall, integrated in backbone tube.



#### Suspension

independent swinging half-axles, axle differential lock, hub reduction, air spring, telescope shock absorber, sway bar.



#### 1 spare wheel in holder

single mount with CTIS and bead locks (Michelin 14.00R20).



#### COE type

two doors, 1+3 seats with safety belts, driver's, adjustable seat, rifle clips, sun visors, roof manhole, HVAC unit.



#### Performance

|                                   |       |                           |
|-----------------------------------|-------|---------------------------|
| Top speed                         | ----- | 90 kph with speed limiter |
| Grade ability                     | ----- | 65%                       |
| Turning circle dia (curb to curb) | ----- | 26± 1 m                   |
| Water fording capability          | ----- | 1,200 mm                  |
| Vertical step                     | ----- | 600 mm                    |
| Trench width                      | ----- | 1,200 mm                  |
| Cruising range                    | ----- | 650 Km                    |
| Side Slope                        | ----- | 45%                       |
| Operating ambient temperature     | ----- | -5 to + 49 °C             |

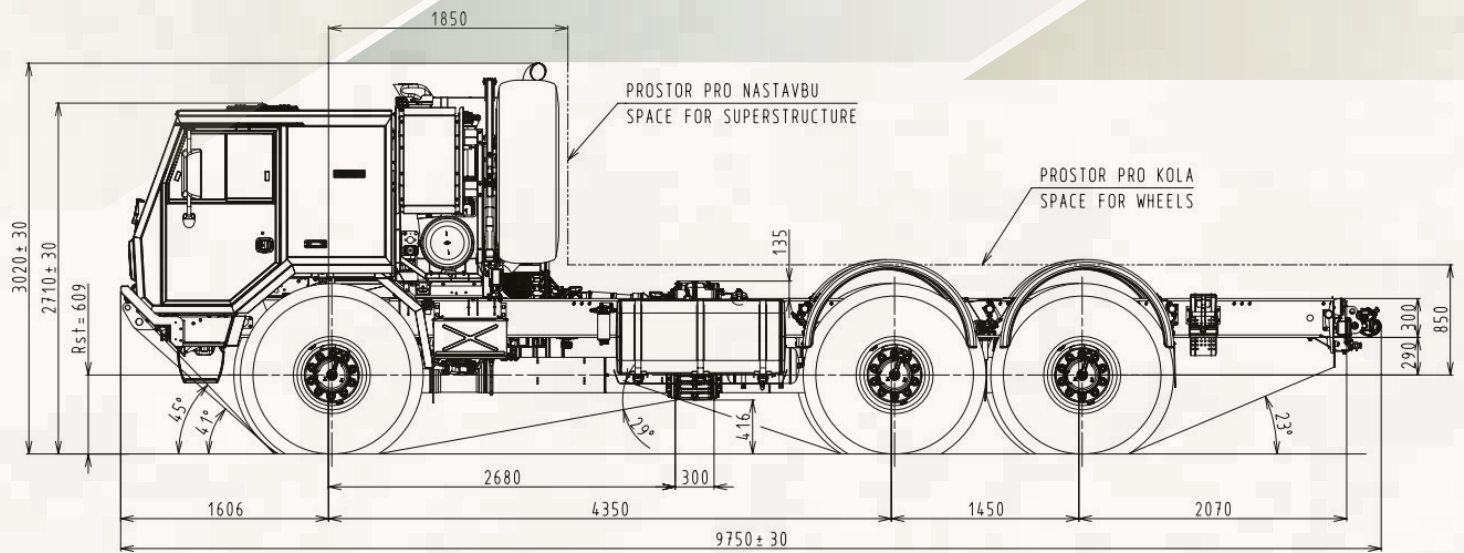


#### Equipment

NATO type towing hook, 76 mm diameter.  
Front and rear NATO emergency towing/tie-down lugs.  
Tools to basic repair in a field.  
Fire extinguisher 2kg – wheel chocks – warning triangle – first aid kit.  
Fuel tank = 320 liters.







## APPLICATIONS



**TOWING  
RECOVERY TRUCK**



**FIRE FIGHTER**



**TIPPER**



**FLATBED TRUCK**



**20 FEET CONTAINER  
CARRIER**



**MOBILE EXCAVATOR**



**ROCKET LAUNCHER**