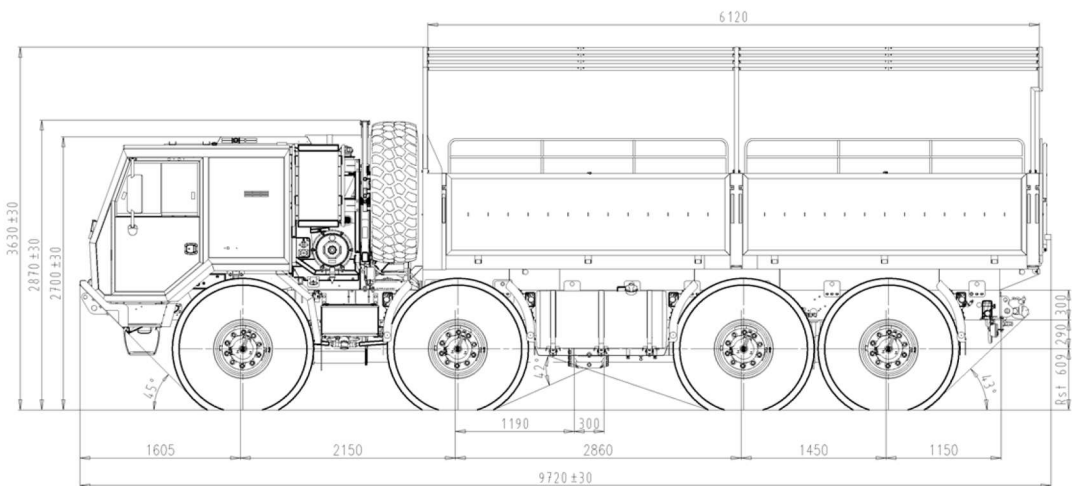




TATRA FORCE – CARGO/TROOP CARRIER
T 815 – 7M0R41 8x8.1R

RESOURCE
INDUSTRIES



Informative drawing only!

Vehicle is designed to be operated on public roads and for off-road operation, especially in harsh terrain conditions.

DIMENSIONS (loaded vehicle, tolerances $\pm 30\text{mm}$ and or $\pm 2^\circ$)

Width	2,550	mm
Clearance	410	mm
Vertical dimensions can be temporarily raised / lowered (+90/-125) by suspension on vehicle fly.		

WEIGHTS (kerb weight tolerance $\pm 5\%$ and with options)

Kerb weight	15,100	kg
Rated Payload.....	22,900	kg
Rated GVW	38,000	kg
Trailer weight.....	18,000	kg
Rated GCW	56,000	kg

PERFORMANCE (for GVW = 38 t)

Top speed (with speed limiter)	95	kph
Grade ability (calculated).....	65	%
Turning diameter (curb to curb)	24 \pm 1	m
Fording capability	1,200	mm
Vertical step	600	mm
Trench width	2,100	mm
Cruising range - on road	650	km
Operating ambient temperature	-15 to +55	$^\circ\text{C}$

ENGINE

Cummins ISM11 500, EPA, water cooled, direct injection, turbo-charged, charge air cooled, electronically controlled.		
Nos. of cylinders	6 in line	
Swept volume	10.7	litre
Power	373 kW (410 bhp)/ 1,800 rpm	
Torque	2,102 Nm/ 1,200-1,600 rpm	

TRANSMISSION

Allison series 4500, 6-speed fully automatic, electronically controlled PTO output.	
Gear shifts, forward/reverse	6/1

TRANSFER CASE

Type TATRA 2.30 TRK 0,9/2,4; two-speed.

FRONT AXLES

Steered, driven with swinging half-axes. Front drive disconnection, axle and interaxle differential locks, wheel hub reductions. Air springs and telesc. shock absorbers, sway bar.

REAR AXLES

Driven, with swinging half-axes. Axle and inter-axle differential locks, wheel hub reductions. Air springs and telescopic shock absorbers, sway bars.

STEERING

LHD, adjustable steering wheel, power steering, ground driven back up steering pump.

BRAKES

Wedge type self-adjustable drum-brake units. ABS. Four separate brake systems: service, emergency, parking, and compression engine brake.

WHEELS

Single mounting with CTIS. Bead locks. 1 spare wheel.	
Tyres	16.00R20
Rims	10.00-20 V

CAB

COE type, tilt able, 2-doors, 1+1 seats, HVAC unit, sun visors.

ELECTRIC EQUIPMENT

Circuit voltage	24V
Battery	2x 12V, 180Ah
Alternator	28V/ 70A
Electromagnetic interference (EMC) per ECE R10.	

EQUIPMENT

Platform for ammo containers, tarpaulin, w. folding side walls. (walked upon), ladder to reach side walls. radio remote control. NATO type towing hook, 76mm diameter. Front and rear NATO emergency towing/ tie-down lugs. Central tyre inflation system (CTIS), 420 l fuel tank. Tools for basic repair in a field, fire extinguisher, wheel chocks (2 pcs), warning triangle, first aid kit.

PAINT

Chassis Dark grey, RAL 7021

OPTION

Armoured cab per STANAG 4569 level 1
Roof hatch with light machine gun

