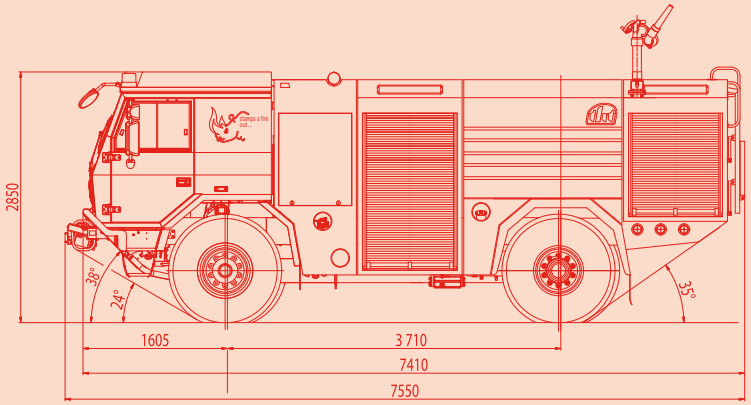
T 815-721R52 18 280 4×4.1

FIREFIGHTING



4×4 FIRE TRUCK CHASSIS-CAB

By combining the unique properties of the TATRA chassis with the fire superstructures of modern construction, firemen are given a unique high-standard tool for their work.

The "TATRA CONCEPT", along with the ground clearance regulation and 1,200 mm fordability, ensure serviceability both in normal conditions and in emergency situations.

Excellent off-road mobility, high transport speed, and driving comfort for both the crew and the carried superstructure are standard.

Fire superstructures made by THT, s.r.o. are made of aluminium profiles which ensure their low weight, high strength, and corrosive resistance. The arrangement and variable installation of the fire accessories are designed individually according to the fire brigade's needs.

The heart of THT fire superstructures is a high-quality pump, together with a foam proportioning system, roof-mounted or bumper-mounted monitor, light mast, electric generator, cable winch, and other components necessary for good and effective intervention.

The THTronic - fire superstructure control system using CAN bus - is offered to demanding users. The system allows comfortable and safe operation, for several operations to be joined in only one action, rejection of any attempt to adjust conflict and dangerous actions, central diagnostics, and easy fault identification, thus significantly extending the service life of the fire-fighting vehicle.

EXCELLENT OFF-ROAD MOBILITY
FAST AND COMFORTABLE DRIVING
STABILITY, RELIABILITY, SAFETY,
SERVICEABILITY EVEN
IN EMERGENCY SITUATIONS.

TATRA IS THE SOLUTION

THE NEW

T 815-7

tatratrucks.com

T 815-721R52 18 280 4x4.1
4x4 FIRE TRUCK CHASSIS-CAB

ENGINE

Type	TATRA T3D-928-20 EURO V
No. of cylinders	8
Swept volume	12,667 cm^3
Power (net	280 kW/ 1,800 rpm
Torque (net)	1,800 Nm/ 1,100 -1,200 rpm
Exhaust fumes, SCR	

TRANSMISSION

Type	TATRA 14TS 210 synchronized
No. of gears: - forward:	14
- reverse:	2

TRANSFER BOX

Type TATRA 2.30 TRS 2.91 (1.24)

Two-speed, increasing the number of transmission gears. Semiautomatic NORGREN gear control with a possibility of optional gear control.

PTO

Type TATRA 1TP300K-CH as option

FRONT AXLE

Steerable, driven with swinging half-axles, front-drive disconnect, axle differential lock, air springs, telescopic shock absorbers, adjustable clearance.

REAR AXLE

Driven, with swinging half-axles, axle differential lock, air springs, telescopic shock absorbers, swing bar, adjustable clearance.

STEERING

LH two-circuit compact steering.

BRAKES

Four separate brake systems: service brake with a load-related automatic adjustment system and ABS, emergency brake, parking brake, relief brake

TYRES, DISCS

Tyres	14.00 R20
Discs	20-10.00 V

CAB

Cab-over-engine type, medium size, tilting, AC unit, separate diesel heater, 2÷4 seats.

FUEL TANK

220 litres + 67 litres of AdBlue

DIMENSIONS

Width	2,550 mm
Wheelbase	3,710 mm
Track: front / rear	2,044 / 2,044 mm
Adjustable clearance	420 mm (+90 / -120 mm)

WEIGHT

Payload	9,500 kg
GVW	18,000 kg

ELECTRIC EQUIPMENT

Circuit voltage	24 V
Battery	2x12V 170 Ah
Generator	28 V/55-80 A

PERFORMANCE

Climbing ability at 18,000 kg	99.9 %
Top speed	100 km/h
Turning circle diameter (curb to curb)	15.1±1.0 m

WATER TENDER

Model CAS EN 1846-1 S-3-4-4300-10/3000-1

The CAS 30 – T 815-7 4x4.1 Water Tender is designed to carry a fire crew (1+3) with accessories necessary for fire fighting interventions with application of water or foam using low or high water pressure.

TECHNICAL DATA

Length (without a cable winch)	7,350 mm
Width	2,550 mm
Height	2,860 mm
Fordability	1,200 mm
Adjustable ground clearance below axle (min./middle/max.)	240/360/450 mm
Curb weight	12,100 kg
GVW	17,000 kg
Water tank capacity	4,300 litres
Foam concentrate tank capacity	300 litres

PUMPING EQUIPMENT

Low-pressure	
Rated flow rate	3,000 lpm
Rated pressure	1.0 MPa
Rated suction lift	3 m
High-pressure	
Rated flow rate	250 lpm
Rated pressure	4.0 MPa

HOSE REEL

Hose dimensions / Rated flow rate DN 25/60 m / 200 lpm

Branch pipe gun type, allowing the flow rate and discharge cone control

OPTIONS

- THTronic electronic foam proportioning control system
- CAN Fire Basic control and checking system with a color multifunctional display
- Monitor
- Bumper-mounted monitor
- Additional hose reel with a DN 25/60-m hose and a gun type branch pipe
- Front nozzles for fire fighting operation on the fly
- Electric recovery cable winch
- Light mast
- Electric generator

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