

# T 815-731R99 38 325 8x8.1R

# FIREFIGHTING



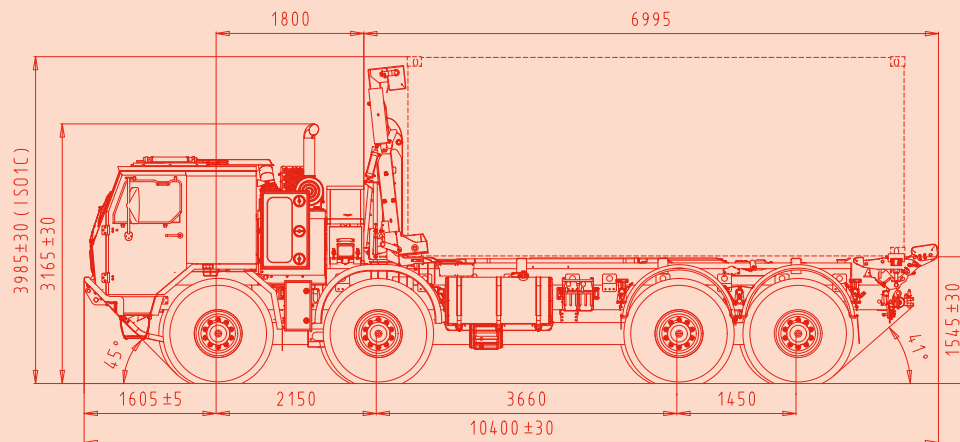
## 8x8 HMHD CHASSIS CAB WITH LOAD HANDLING SYSTEM

The TATRA 8x8 High Mobility Heavy Duty Truck integrated with Load Handling System. System installed height with ISO 1C container is minimised under 4m to meet European road regulations.

The container lifting frame stowage assembly is mounted at the front of the subframe. It is used to store the container lifting frame when the vehicle is empty or in flatrack mode. Complete Flatrack Loading or Unloading cycle takes approximately 2 minutes. Flatracks and bodies are locked/unlocked automatically, all operations carried out from the driving position. Complete ISO container Loading or Unloading cycle takes about 5 minutes. ISO containers require external manual lock/unlock operations to attach/detach the lifting frame to the container and to engage/disengage the ISO twistlocks. Load Handling System can handle full payload up to 300mm below ground level. Use of a suitable trailer with a load handling system doubles the load carrying capacity of the unit.

The configuration enables the load handling system to handle the following equipment up to 16,500 kg: • ISO 668 20' IC (8 ft) and 1CC (8,5 ft) freight containers • NATO standard Flatracks/Bodies according STANAG 2413 • PLM Flatracks with and without tilt according STB 07-37209-A1 • PLM EMAT 20 70 10 Flatracks • IFR MARS Flatracks • WLP 14t and WLP 14t-2 Flatrack/ Bodies according to DIN 30722 Pt1 and Pt2.

- fording capability up to 1500 mm
- Adjustable vehicle height and clearance
- All-wheel drive
- Differential locks
- CTIS operated on the fly
- Optional add-on armoring kits to be implemented by the end-user when needed.



## INDEPENDENT SUSPENSION SOLID 3D STRUCTURE FRAME

16,500 KG PAYLOAD

8x8 DRIVE

325 KW

TATRA TAKES YOU FURTHER

[tatratrucks.com](http://tatratrucks.com)



# TATRA FORCE

# T 815-731R99 38 325 8x8.1R

## 8x8 HMHD CHASSIS CAB WITH LOAD HANDLING SYSTEM

### ENGINE

Air cooled, four stroke turbo-charged and charge-aircooled direct injection Diesel.

Model	TATRA T3D-928-31 EURO V
Number of cylinders	8
Bore/stroke	120/140 mm
Displacement	12.7 ltrs
Power output	325 kW/1,800 RPM
Max. torque	2,100 Nm/1,000 RPM

### CLUTCH

MFZ 1430, single plate, with diaphragm spring. Hydraulic control with pneumatic booster.

### TRANSMISSION

Model	TATRA 14TS210L
Number of speeds:	- forward 14
	- reverse 2
Semiautomatic split. Except of the crawler and reverse gears, all gears are synchromeshed.	
Option: automated shifting system TATRA-NORGREN	

### TRANSFER BOX

Type TATRA 2.30 TRS 0.8/1.9. Pneumatic control.

### FRONT AXLES

TATRA steered and driven swing half-axles with independent wheel suspension, axle differential locks. Wheel hub reductions. Air suspension and telescopic shock absorbers, sway bar on the first axle.

### REAR AXLES

TATRA driven swing half-axles with independent wheel suspension, axle differential locks and interaxle differential lock. Wheel hub reductions. Air suspension and telescopic shock absorbers, sway bars.

### STEERING

Left/right hand drive, integral power steering.

### BRAKES

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

### WHEELS

Single tactical tyres on all axles with CTIS.	
Rims	20 -10.00V
Tyres	16.00 R20
Beadlocks, run-flats as option	

### CAB

COE type, medium size, forward tilting, all-steel, two doors, 2 adjustable seats with safety belts optionally 1+3, firm 3rd seat with safety belt, flat 2-piece windscreen, right-left design, roof manhole. Rifle racks, sun visors, HVAC unit

### ELECTRIC EQUIPMENT

Nominal voltage	24 V
Batteries	2x12V, 180 Ah
Alternator	80 A/28 V

### DIMENSIONS

Width	2,550 mm
Track - front/rear	2,072 mm
Ground clearance	410 mm
Clearance can be temporarily raised/lowered by suspension on the fly.	

### WEIGHTS

Curb weight	18,250 kg
Payload max.	16,500 kg
GVW max.	34,750 kg
Rated GVW	38,000 kg

### PERFORMANCE

Top speed	115 km/h
Gradeability at GVW	60 %
Side slope	45 %
Turning circle diameter (curb to curb)	27±1 m
Fording capability	1,500 mm
Crossing ability - trench width	2,100 mm
Climbing ability - vertical step	600 mm
Fuel tank	420 ltrs
Cruising range (on road)	750 km
Operating ambient temperature	-32°C to +49°C

### LOAD HANDLING SYSTEM

Rated lifting capacity 16,500 kg (even 300 mm below ground), and 10% useable overload capacity is available. Interfaces with NATO STANAG 2413 flatracks and bodies. Integrated stowable ISO Container Handling Unit. Minimised height to meet European road regulations.

tatratrucks.com



### TATRA TRUCKS a.s.

Areál Tatry 1450/1, 742 21 Kopřivnice, Czech Republic  
tel.: +420 556 493 506, fax: +420 556 494 304, e-mail: firefighting@tatra.cz