

CAS 20 - T 815-7 4x4.1

WATER TENDER

Model 3615



The CAS 20- T 815-7 4x4.1 Water Tender is designed to carry a fire brigade crew (1+2) with accessories necessary for fire fighting interventions and application of water or foam using the low or high water pressure.

TECHNICAL DATA

VEHICLE DIMENSIONS

Length (without cable winch)	7 990 mm
Width	2 500 mm
Height	2 760 mm
Ground clearance below axle	360 mm

Vehicle weights

Curb weight	13 000 kg
Gross vehicle weight	18 000 kg

CHASSIS

Type	TATRA T 815-732R53/41A
Engine type	Diesel supercharged air-cooled engine
Engine output	325 kW/1 800 min-1
The engine complies with emission standard	EURO 5
Drive	4x4 with engageable front axle drive
Gearbox	Allison 4500 Automatic
Brake system	four independent systems, ABS
Electrical system voltage	24 V (two batteries of 12 V 170 Ah)
Fuel tank capacity (Diesel / AdBlue)	210 / 67 litres
Maximum vehicle speed	100 km/h

CAB

Type	Certified ROPS/FOPS
Number of seats	3

SUPERSTRUCTURE

Material	frame made of aluminium profiles and covered with aluminium plates glued-on
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TANKS

Water tank capacity	4 600 litres
Foam concentrate tank capacity	200 litres (A&B 100L each)

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	400 lpm
Rated pressure	4.0 MPa

HOSE REEL

Hose dimensions	DN 25/60 m
Branchpipe	gun type, allowing to control flow rate and discharge cone
Rated flow rate	200 lpm

OPTIONS

- superstructure made of glass fibre reinforced polyester
- THTronic electronic foam proportioning control system
- monitor
- additional hose reel with DN 25/60 m hose and gun type branchpipe
- front nozzles for fire fighting on the run
- towing equipment for trailer
- electric recovery cable winch
- light mast
- electric generator
- four-section extension ladder 12.5 m