

AT- Advanced Technology TLF 3000, Tank firefighting vehicle



Prototype for France



Base specification:

- Chassis:
 - › Type: MB Atego 1529F 4x2
 - › Engine power: 210 kW (286 hp)
 - › Drive: TELLIGENT 6 gear
 - › Power takeoff: MB N61-10
 - › Wheelbase 3,860 mm
- Cab:
 - › Crew: 1 + 7 (2 + 2 + 4)
 - › Rosenbauer crew cab integrated into body
 - › Compressed air breathing apparatus stowages ARI COMFORT— 4 in direction of travel and 2 against
 - › 3-point safety belt
 - › Crew cab doors available in glass/glass or sheet metal/glass
 - › Optimum access to crew cab through patented revolving steps
 - › LED lighting concept (multiple colors available)
 - › Charger (230 V and/or 24 V for floodlight, for example)
 - › Stowages for helmets and key cabinets
- Vehicle body:
 - › Rosenbauer aluminum body made from self-supporting bolted and glued aluminum plates and profiled sections with aluminum sandwich panels
- › COMFORT stowage system
- › Electric ladder lowering mechanism
- › Hydraulically-supported hose reel lowering device with swivel function for rapid access to pump operation
- › LED lighting concept (surroundings, crew cab, equipment compartment lighting)
- › FLEXILIGHT light tower (8 x 42 W LED)
- Control system:
 - › Rosenbauer LCS 2.0 (Logic Control System), based on CAN-Bus technology
 - › All functions (pump, proportioning system/s, generator, lighting, etc.) are combined into one control panel and can be operated by one person
 - › Operation button logic allows multiple pre-programmed functions to be carried out simultaneously by pressing a single button. (Hazard lights, lighting, light tower, pump...)

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- Firefighting system:
 - › Water tank: 2,000 l with swash partition, overflow outlet, drain valve and manhole
 - › Level regulation for convenient & safe tank filling
 - › Foam-compound tanks: 2 x 100 l
 - › Combined NH35 normal and high pressure pump: centrifugal pump with 4 impellers
 - › Output 2,000 l/min at 15 bar and 400 l/min at 40 bar (FPN 2000/15 according to EN 1028)
 - › Well structured pump operation by connection to LCS. Incl. power takeoff operation, Service hour meter, diesel tank display, engine temperature, etc.
 - › Central water axis: A single water line for inlet and priming with switching by means of pneumatic valves
 - › Normal pressure hose reel with extra-light FORM-TEX hose dia. 25
 - › Roof turret RM15C -1,500 l/min
- Electrical equipment:
 - › LED lighting
 - › Integrated blue lights
 - › LED lighting in crew cab is integrated into the access handrail
 - › 14 kVA generator integrated into vehicle LCS
 - › Advanced communications system in the crew cab for a significant reduction of stress levels for the crew.



Dimensions and weight:

L x W x H	8,100 x 2,500 x 3,140 mm
Permissible total weight	15,000 kg



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