

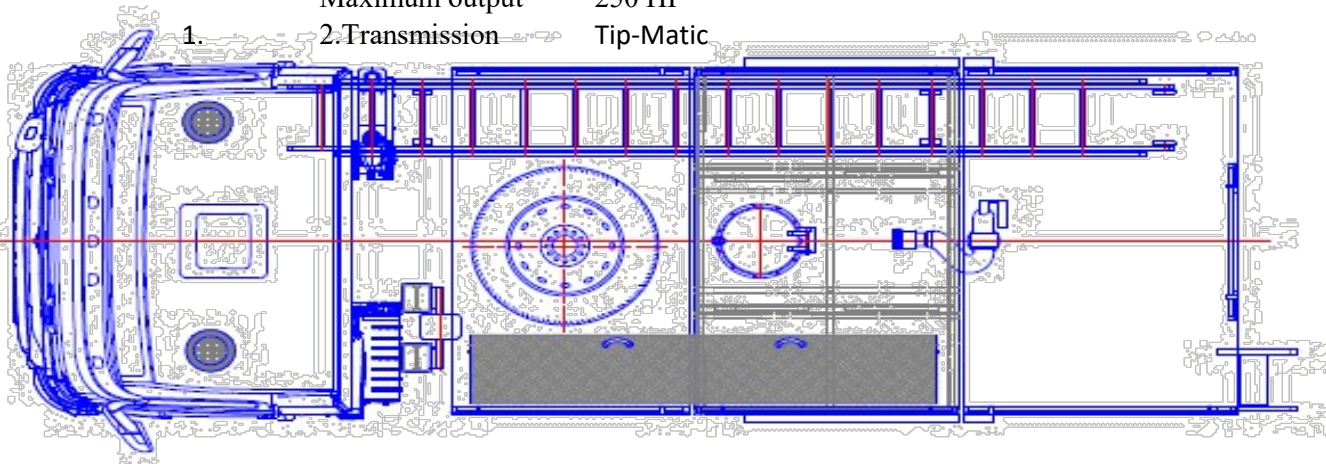
TECHNICAL SPECIFICATIONS

Portable Ladder Fire Fighting Vehicle



1. CHASSIS:

Chassis Brand	MAN
Chassis Model	TGM 18.250 4X2 & 4X4
GVW	18ton
Seating capacity	Single CAB & CREW CAB
1. Engine	
Engine type	Diesel engine
Maximum output	250 HP
1. 2. Transmission	Tip-Matic



2.BODY COMPARTMENTS AND LOCKERS:

Body cover material	Aluminum
Roof and working deck	Roof covered with non-slippery material
Access ladder	1 No. on the rear sides
Pump compartment	At rear side, protected with roller shutter
Storage lockers	Total 4 No. 2 on each side
Foot boards	Available under the compartments
Locker lights	Automatic switch on when shutter is open
Sub-frame	Water and foam tank are mounted on a heavy duty ladder type sub-frame. This sub-frame is connected with the mainframe of the chassis with heavy duty rubber / steel shock absorbers according to the regulation of the truck chassis manufacturers



3.WATER PUMP, PUMP CONNECTIONS:

Fire pump, make & model	JOHSTADT TO3000(German Made)
Capacity	3000 l/m @ 10 bar (Normal Pressure) 250L/m @ 40bar (High Pressure)
Drive	By vehicle's engine via power take-off (PTO)
Connections	1 suction inlet 4" 1 outlet for monitor 1 suction line from the tank 2 normal pressure outlets 2.5" 1 pump to tank fill line c/w 1 ball valve outlet for hose reel
Control panel	
Location:	in the pump compartment, rear side
Lettering:	by means of symbol plates



4.WATER TANK

Water tank capacity	6.000 Lit
Material & thickness	Stainless Steel, min- 4 mm thickness

5.FOAM TANK

Foam tank capacity	600 Lit
Material & thickness:	Stainless Steel AISI 316, min- 4 mm thickness

6.MONITOR

Location	On the working deck of the vehicle
Capacity (output)	Minimum 2.800 l/m
Control	Manual
Rotation	-20° + 70° Vertical, 360 Horizontal



7.HOSE REEL

Location	At the Rear side compartment
Type	Made of corrosion resistant material with axial feed and mechanical brake; to stop their in any position (over-run brake for use of high pressure water and foam
Rubber Hose	40m Long with 1" diameter
Rewinding system	Manual



8.EQUIPMENTS AND ACCESSORIES

• 8.1 Illumination

Lighting system for the interior of the cabin is original chassis manufacturers. Pump compartment and storage lockers are illuminated for night operation, automatically switched on when roller shutters are opened, also there will be a fixed search light on the rear side

• 8.2 Warning- and Alarm system

Beacons Bar/Cone type, will be mounted on the roof of chassis's cabin

Siren Model "WAIL – Yelp"

Control Siren to be activated by the siren switch on the dashboard.

Tones: WAIL: Continuous "wailing" up and down in frequency

YELP: Continuous "warbled" tone

HI-LO: Distinctive two tone sound

8.3Accessories

- 1 (Qty of 4) Fire hoses 2 ½" dia - / 25 / m length – outer layer is made of cotton and the inner layer is made Rubber, lined from the inside, fire proof and resistant to chemical materials coupling size 2.5 inch French Type connection
- 2 (Qty of 4) Reinforced hoses of diameter 4", length 2.5 m provided with male and female coupling French Type connection
- 3 (Qty of 1) Extension aluminum ladder with rope pull system, easy usage to be placed over the vehicle – length of > 9 meters
- 4 (Qty of 1) 4" strainer to be fitted to the suction hose to prevent stones and strange bodies from entering in the hose French Type connection
- 5 (Qty of 2) suction keys

