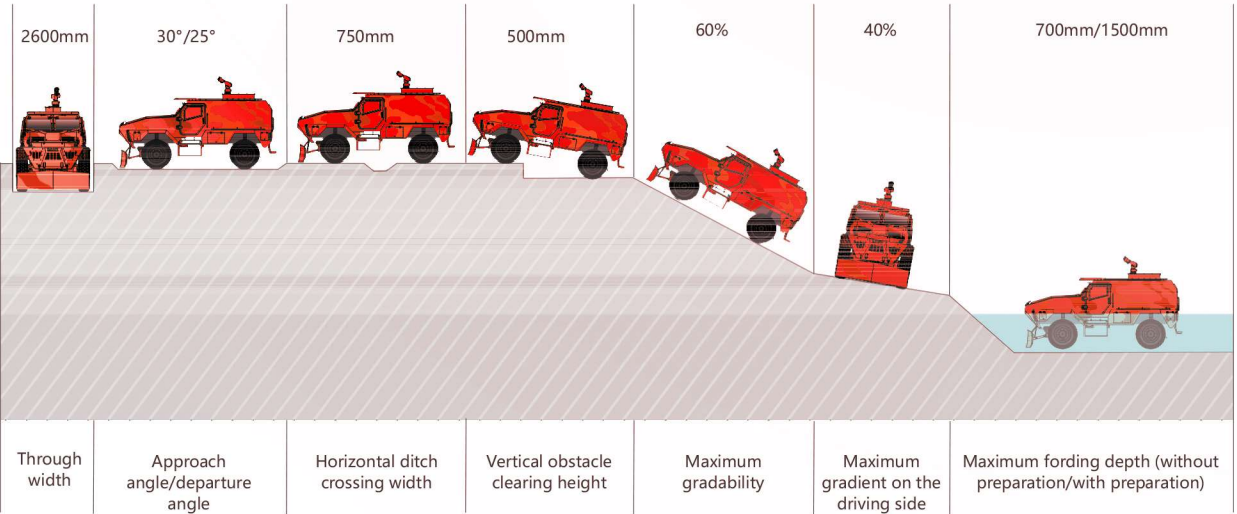
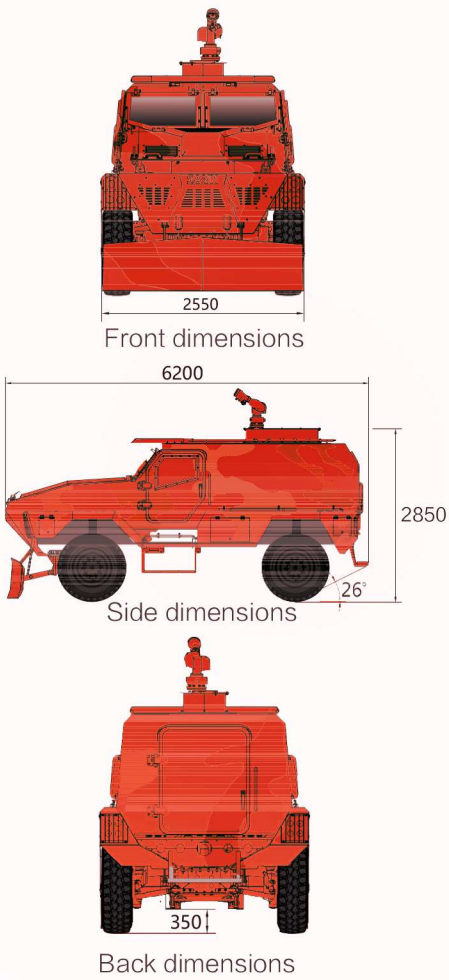


Technical parameters

Item	Unit	Parameter	
Overall dimensions (L ×W ×H)	mm	6200 × 2550 × 2850	
Top Speed	km/h	110	
Maximum gradability	%	60	
Vertical obstacle clearing height	mm	500	
Horizontal ditch crossing width	mm	750	
Minimum ground clearance	mm	350	
20km/h acceleration time	s	≤20	
Maximum jet length of water monitor	m	85	
Pump rated flow	L/s	90	
Maximum thrust of push shovel	N	40000	
Auto-spraying protection time	h	0.5	
Working time of life-support system	Micro-positive pressure system	h	1
	Oxygen system	h	1.5
	Remote control distance	m	≥400
Electrical	Video monitoring, temperature monitoring, gas monitoring, audible & visual alarm and information transmission etc.		



QUALITY CHANGES THE WORLD



High-mobility Multi-functional Fire Truck



 三一重工股份有限公司
SANY HEAVY INDUSTRY CO., LTD.

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SYM5130LXF



Application scene

The high-mobility multi-functional fire truck is a multi-funtion fire truck which integrating fire fighting module and intelligent module. It is specially applicable to occasions where collapse may occur easily, where there is explosion danger or toxic and harmful dangers, such as forest fire, petrochemical fire, port fire, goods yard fire, automobile fire, tunnel fire, etc., exerting its high mobility and high protection advantages, and completing rushing, investigation, fire extinguishment and rescue missions.

QUALITY CHANGES
THE WORLD

SANY Emergency Rescue Equipment

Product Characteristics

High protection



Anti-smash: Anti-smash: The frame-type independent cab can resist the vertical load impact of 100kg steel ball which falls from 20m height.



Anti-explosion: The transplanted military V-type anti-lightning and wave leakage vehicle body and bottom can bear the 6kgTNT equivalent explosion impact.



Anti-virus: The cab can establish 100pa positive pressure, provided with life guarantee system by itself.



Fire Prevention: The whole vehicle has self-spraying protection, with internal support flame-retardant tire; and the external leakage pipeline undergoes flame retardant treatment.



Anti-crash: The front impact cross beam adopts SANY high-strength steel plate for group welding, and it can bear 200kN horizontal load impact.

QUALITY CHANGES
THE WORLD

SANY Emergency Rescue Equipment

High mobility



- 4 ×4 full-wheel driving, double-speed full-time transfer case, with differential lock, modular large-stroke double-fork high-performance independent oil-gas suspension system, with average crossing vehicle speed reaching 50km/h, with maximum climbing gradient of 60%.
- 300hp engine, AT automatic transmission, with maximum vehicle speed reaching 110km/h, 0-60km/h acceleration time ≤20s.
- The horizontal crossing trench width is 750mm, and the vertical barrier crossing height is 500mm.
- Fording depth ≥700mm

High intelligence



- The horizontal crossing trench width is 750mm, and the vertical barrier crossing height is 500mm.
- It is configured with multiple kinds of toxic gas sensors and temperature sensors for real-time alarming.
- In a toxic high-temperature environment, the life guarantee system will be started up automatically.
- Panoramic camera, full-area monitoring

Multiple functions



- Configured with barrier removal shovel to realize high-speed barrier removal.
- Configured with high-performance pump gun module to realize efficient fire extinguishment.
- Configured with environmental detection module to realize all-round investigation and inspection.
- Configured with relay station to realize emergency communication.