



QUALITY CHANGES THE WORLD



# AP40 Urban Fire Truck

**SANY** 三一应急救援装备  
**SYM5170GXFAP40**



- The first dispatch vehicle for fire fighting and rescue has the characteristics of strong sustained combat ability, high fire fighting efficiency and strong traffic capacity
- It is widely used in fire fighting and rescue of new and old urban areas, high-rise residential buildings, large shopping malls, key cultural relics, stations, docks, tunnels and other places

**FLEXIBLE**

Original German Man chassis, whole vehicle length 8 meters, minimum turning radius 7 meters, good mobility, light and flexible



**MORE CREWS**

Double-row cab, more than 6 passengers, rear equipped with four air breathing apparatus bracket, improve operational efficiency



◆ Air breathing apparatus bracket

**MULTIFUNCTIONZ**

In addition to extinguishing Class A and Class B fires, it can also independently carry out various rescue functions such as investigation, demolition, life-saving, plugging, and smoke exhaust.



◆ American champion electric winch, maximum pull 5.4 tons

◆ All kinds of rescue equipment

## EFFICIENT FIRE FIGHTING

The vehicle is equipped with 3.5 tons of water and 0.5 tons of foam. The fire extinguishing efficiency of the compressed air foam system is 5-8 times that of pure water.



## CONTINUOUS LIGHTING

The power of the lamp is 2KW, which is increased by 7.5 meters and provides reliable lighting within a radius of 50 meters. It is also equipped with a 5.6KW engine for continuous lighting all day long.



◆ 2X1000W adjustable metal halide lamp



◆ Irradiation diameter 50 meters



◆ High-power engine imported from Japan

## OPERATIONAL INTELLIGENCE

Various working conditions of dry and wet foam and ratio can be preset, and the foam can be released to extinguish fire with one button. It can independently realize the operation of engine start and stop, water pump start and stop in the cab and the rear control panel, easy to use



◆ Preset working conditions



◆ Display various parameters

## TECHNICAL PARAMETERS

Product model		SYM5170GXFAP40
Overall parameters	Overall dimensions(L × W × H)	8040mm × 2500mm × 3560mm
	Maximum total weight	16550kg
	Curb weight	11950kg
Chassis parameters	Model of chassis	MAN TGM 18.290/4 × 2 EURO V
	Engine type	MAN D0836LFLAL
	Engine net power	213kw@2200rpm
Fire water system	Pump rated flow	Hale 50FB-U /60L/s@1.0Mpa
	Pump maximum flow	Hale Foamlogix 3.3/12.5L/Min
	Rated flow of air compressor	56L/s
	Adjustment range of foam mixing ratio	0.1% - 10%
	Monitor model/rate flow	Akron 3482+2499/2500 L/min
	Maximum range of monitor	Water DC range60m/ Foam DC range40m
Elevator lighting system	Liquid filling volume	4100L ( Water3600L + Foam500L )
	Power/lamp source	2 × 1000W/ Matel halid lamp
Generator system	Ground clearance	7.5m
	Starting mode	Manual start/Electric start
Winch system	Rated power	5.6KW
	Model/traction	ChampionN12000XF/5400kg
Driving parameters	Automatic protection	Overload protection
	Maximum speed	≥ 95km/h( Electronic speed limit)
	Minimum turning diameter	13.9m