



# Heavy Emergency Rescue Fire truck



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**SANY** SYM5400TXFJY200  
SANY Emergency  
Rescue  
Equipment



Lifting weight

Towing

Lighting

Fire extinguishment

Many passengers

Many modules

# Product function

## Lifting weight

### Heavy lifting weight

Lifting torque: 100T. M4m lifting weight 25T, 15.2m lifting weight 5T, maximum height 16m, able to solve rescue difficulties of lifting weights of small, medium and large-sized vehicles



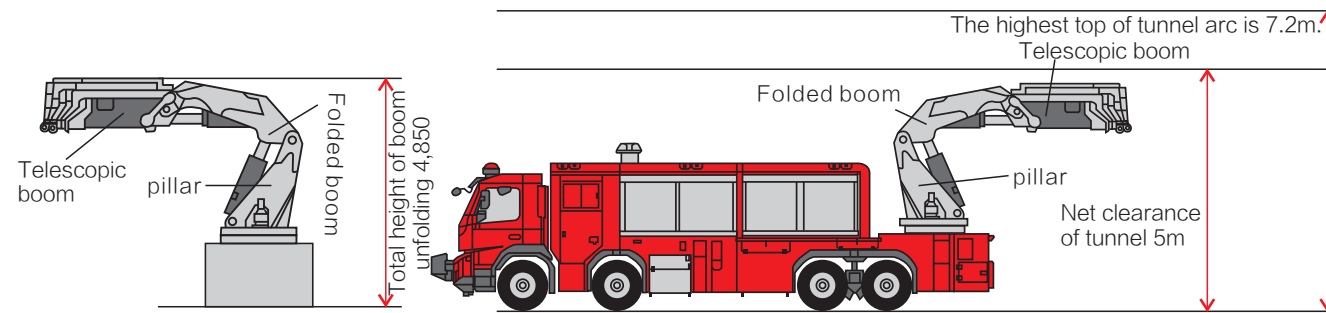
### Extending and retraction with load

Extending and retraction with load, infinite rotation, flexibility, convenience, greatly enhancing working efficiency



## Small space operation

- Small boom unfolding space: Minimum height 4.85m
- It meets the lifting weight rescue in confined spaces such as 5m tunnel, power house and underground garage.

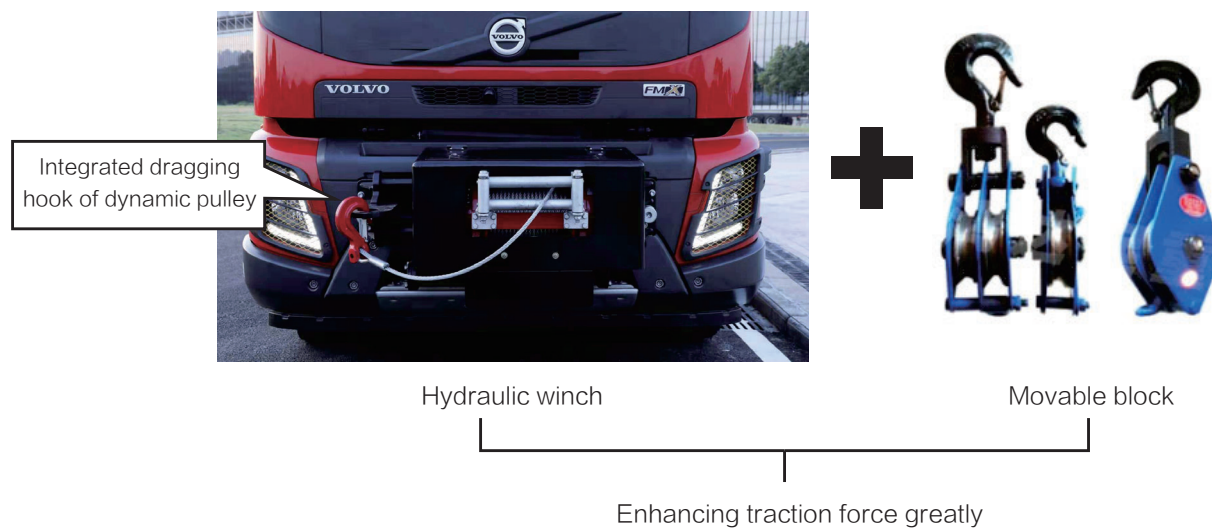


Small boom unfolding space

Boom unfolding in confined space such as tunnel

## Towing

The vehicle head is provided with 10T hydraulic winch, and it can be used for separation of accident vehicle dragging, long-distance vehicle traction rescue and traction carrier clearing.



Hydraulic winch

Movable block

Enhancing traction force greatly

## Lighting

Its radiation diameter is clear and can reach the scope of 100m, and it is provided with 10KVA power generator, which can conduct all-weather continuous lighting.



4 x 1,000W lifting lighting lamp



Radiation diameter 100m



Gasoline Power Generator

## Fire extinguishment

It can carry mobile fire extinguishment device, such as fine water mist system, dry powder fire extinguishment, and foam fire extinguishment, and is used for fire extinguishment on the accident site.

Wheeled fine water mist system



Foam fine water mist for fire extinguishment



## Many passengers

It can be equipped with independent passenger compartment, able to accommodate 9 people who can access to the site synchronously for rescue, thus enhancing efficiency.



Able to accommodate 2 passengers

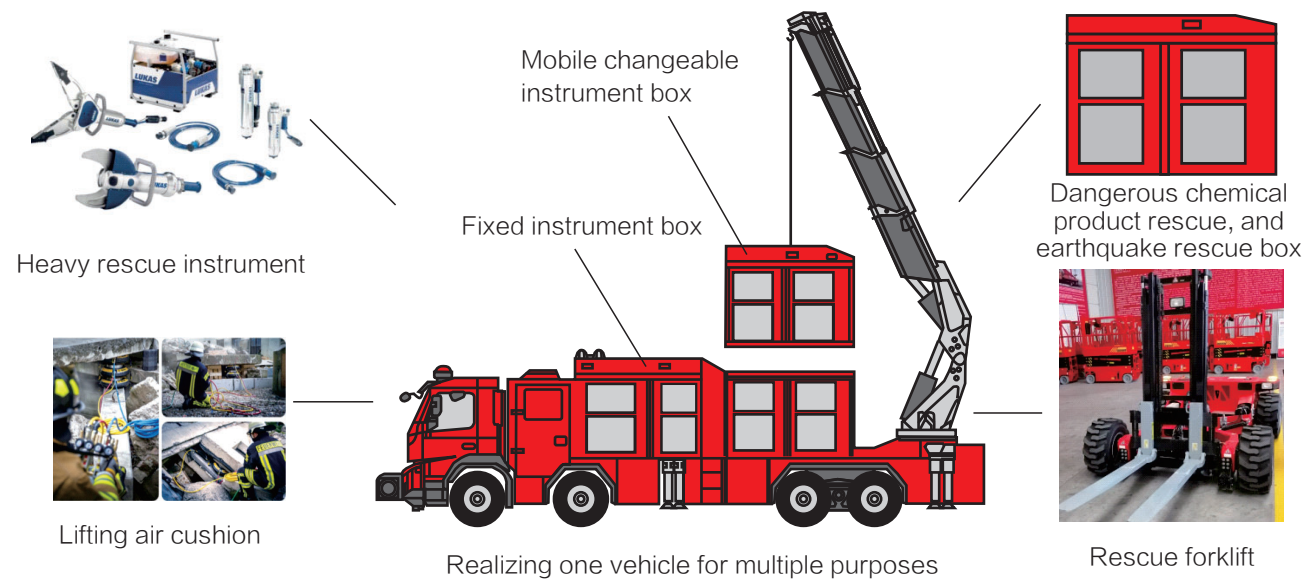
Able to accommodate 3 passengers (optional)

Able to accommodate 4 passengers

Independent passenger compartment

## Many modules

1+1 modular large-space instrument box, which can bring more than 200 various instruments according to rescue scene, thus realizing one vehicle for multiple purposes.



## Application cases

### - Lantian Tunnel Accident Rescue -

In the tunnel, a tank car overturned; after adopting multiple sets of folded boom cranes for joint lifting, the rescue succeeded.



## Technical parameters

	Item	Parameter
<b>Overall parameters</b>	Overall dimensions (L ×W ×H)	12m ×2.55m ×3.82m
	Maximum total weight	40000kg
	Curb weight	38000kg
<b>Chassis parameters</b>	Model of chassis	Volvo FM500 8 ×4
	Allowable maximum total mass of chassis	44000kg
<b>Lifting boom system</b>	Maximum lifting torque	100T.m
	Maximum lifting capability	Lifting weight 25T in case of 4m amplitude
	Maximum working amplitude/lifting weight	15.2m ( 5T )
	Minimum operation height	5m
<b>Support system</b>	Structure and quality of support legs	H-type support leg + tail leg (six support legs)
	Front support leg	Span 5,800mm
	Rear support leg	Span 7,800mm
<b>Winch system</b>	Length of steel wire rope	48m
	Maximum pulling force	10T
	Traction speed	3.8m/min (no load), 1.6m/min (full load)
<b>Lighting system</b>	Main lighting	4 ×1000W
	Maximum lifting ground clearance	8m
<b>Generator</b>	Rated power	10KVA
<b>Number of passengers</b>	Cab + independent passenger compartment	2+3+4
<b>Optional</b>	Earthquake rescue box	