



SPRINKLER TRUCK

SYM5250GSSE/20YA



SANY HEAVY INDUSTRY CO., LTD.
OFFICIAL WEBSITE : www.sanygroup.com

SPRINKLER TRUCK SYM5250GSSE/20YA



STRONG POWER AND BEARING CAPACITY

Excellent powertrain offers 435 horse power and 12gears transmission offers outstanding power performance. Much larger bearing capacity with reinforced 316mm height, 8mm*8mm thickness chassis frame, 9t front axle and two 16t driving axles. Excellent offroad working adaptability.



ROBUST DESIGN WITH HIGH DURABILITY IN HARSH ENVIRONMENT

Air intake filter designed for working in dusty area . Much great engine cooling system ensures stable working in 50 ℃ higher environment with heavy payload.



WELL PERFORMED AND EASY-TO-OPERATE SPRINKLER SYSTEM

Stainless steel water tank and pipes provides superior corrosion resistance. Independent front sprinkler and rear sprayer controller in cabin;PTO driven pump, can be used for self-suction and discharge,supplies bigger water flow. Long sprinkler range universal adjusted water gun , satisfy variety working sences.



Product Model		SYM5250GSSE/20YA -Deutz Engine	
		ZZX10000497(Left drive)	
		Standard	
		Overdrive transmission	
Vehicle Parameter	Dimension (L×W×H)(mm)	10300×2540×3250	
	Wheel Base(mm)	4600+1400	
	Curb Weight(kg)	15000	
	Full Load Weight(kg)	41000 (29000kg applied to GCC Certificate)	
	Economic Speed Range (Maximum Gear)	45-80	
	Rated Maximum Speed-1900rpm	100	
Water Tank	Permissible Maximum Speed-2000rpm	105 (Speed warning at 90)	
	Tank Size	20m³ (6500×2370×1570mm)	●
	Material	304 Stainless Steel (t=5mm)	●
Sprinkler Parameter	Function	Normal Carbon Steel (t=5mm)	○
		Water Pump	●
		Front Sprinkler	●
		Front sprinkler distance(m)	≥8 (at pump rated speed)
		Rear Sprayer	●
		Front Sprayer distance(m)	≥10 (at pump rated speed)
		Side Sprinkler	○
		Rear Water Gun	●
		Rear Water Gun work distance(m)	≥30 (at pump rated speed)
	Others	self-suction and self-drainage; pressure discharge,gravity discharge,back water function; front sprinkler and rear sprayer can be controlled in cabin.	
Cab	Rated Working Speed(km/h)		14.5
	Working Speed Caution		the best working speed is 14.5km/h, L5 gear; it's prohibited to working faster than 15km/h, thus will lead to irreversible failure of pump
	Cab Model		318 cab、Standard Roof with single bed
Chassis	Engine	Model	D12C5-435E1(Deutz) , Euro V , 12.12L
		Rated power (kW/rpm)	320/1900
		Maximum torque (N.m/rpm)	2150/1100-1500
		Auxiliary braking	Engine brake
	Clutch		φ430
	Gearbox		12JSDX240TA (Fast), Ratio 12.10-0.78
	Front axle	Type	9T
		Others	Self-adjusting arm, waterproof axle
	Drive axle	Type	2×16T (4.769)
		Differential lock	Differential lock between wheels and differential lock between shafts
		Others	Self-adjusting arm, brake pad wear alarm, waterproof axle
	Tyre		315/80R22.5 20PR ●
	Frame		940-860×316×(8+8)
	Front suspension		8 leafs (width 90mm、thickness 18mm multiple-leaf spring)
	Rear suspension		12 leafs (width 90mm、thickness 25mm multiple-leaf spring+Four horse integrated balance shaft)
Optional	Breaking		Pneumatic double circuit drum brake
	Fuel tank		400L ● (aluminum)
	Battery		2×12V-165Ah
	Radiator and Oilpad protection		●
	Headlight and Rear light Protection		●
Root Cloud		●	
Applicable Scene(Recommend)		Fresh water transport and water spray Typical scene: Fresh water transport and water spray in construction site Typical road: unpaved, pothole/soft/compact dominated, paved road accounts for a small proportion, road gradient less than 20%. GVW: 35t(full load of water) Working speed: less than 14.5km/h; Transpot Speed:Empty load speed can achieve 90km/h (highway) Full load speed can achieve 80km/h (highway)	

Note: X-without; ○-Optional; ●-Standard; The above configuration parameters are for reference. The manufacturer reserves the right to change them without prior notice. The right to interpret them is reserved by the manufacture

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