Pipelayer Series

SP90Y

90-ton lifting capacity

- Engine model: Cummins NTA855-C360S10
- Rated power: 257 kW
- Operating weight: 57.5t

Product features

Delivering ultimate power, lift and value, the SP90Y features a Cummins engine, load feedback, overload prevention, anti-rollover protection and precise controls. Our first offering for larger loads.





SHANTUI
VALUE THAT WORKS

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SP90Y

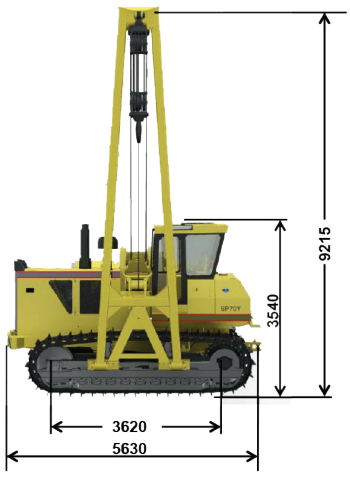
Technical specifications:

	WEIGHT AND DIMENSIONS	Operating weight	57500 kg
		Maximum lifting weight	90000 kg
		Track shoe width	860 mm
		Minimum turning radius	3950 mm
		Ground length	3620 mm
		Ground clearance	550 mm
	SERVICE REFILL CAPACITIES	Fuel tank capacity	640 L
		Hydraulic tank capacity	400L
		Engine oil	45 L
		Cooling system	121 L
	ENGINE	Rated power	257 kW
		Model	Cummins NTA855-C360S10
		Piston displacement	14 L
		Stroke–bore × stroke	6–139.7 × 152.4 mm
		Rated revolution	2000 rpm
	TRANSMISSION SYSTEM	Type	Hydraulic transmission
		Hydraulic torque converter	3-element, 1 stage, 1 phase
		Transmission	Planetary gear, forced lubrication
		Number of track rollers (each side)	9
		Number of carriers (each side)	2
		Travel speed 1st (forward/reverse)	3.6/4.4 km/h
		Travel speed 2nd (forward/reverse)	6.6/7.8 km/h
	WORKING PUMP	Type	Duplex pump
		Displacement of large pump	225 ml/r
		Displacement of small pump	201 ml/r
		Rated working pressure	21 MPa
	PIPELAYING EQUIPMENT	Boom Length	8600 mm
		Max.lifting height	7000 mm
		Boom swing amplitude	1200~8600 mm
		Boom Line speed	6.8 m/min
		Gradeability	20°
		Ground press	0.092 MPa

SP90Y

OVERALL DIMENSIONS





► THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONS. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.

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