Pipelayer Series

SP45Y

Lifts 45-ton loads

- Engine model: Cummins NT855-C280
- Rated power: 169 kW
- Operating weight: 33.0 t

Product features

Delivering maximum power, lift and value plus a tighter turning radius, the SP45Y features a Cummins engine, load feedback, overload prevention, anti-rollover protection and precise controls. A soild workhorse for mid-size jobs.





SHANTUI
VALUE THAT WORKS

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SP45Y

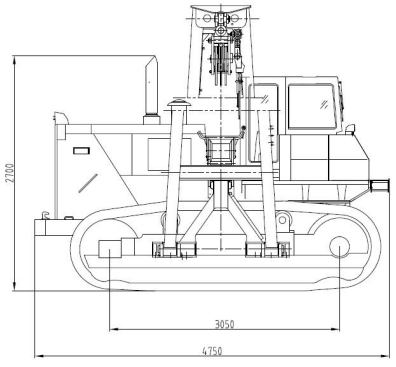
Technical specifications:

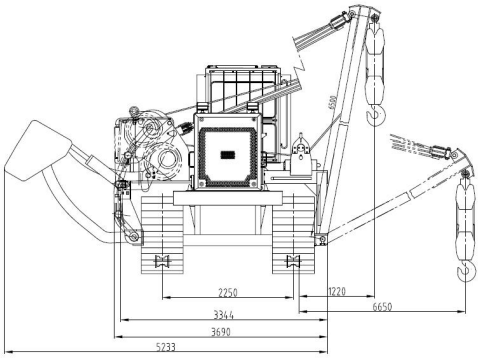
Overall length: 4750 mm
Overall width: 3690 mm
Overall height: 2700 mm

WEIGHT AND DIMENSIONS		
	Operating weight	33000 kg
	Maximum lifting weight	45000 kg
	Track shoe width	610 mm
	Minimum turning radius	3200 mm
	Ground length	3050 mm
	Ground clearance	400 mm
SERVICE REFILL CAPACITIES		
	Fuel tank capacity	480 L
	Hydraulic tank capacity	180 L
	Engine oil	45 L
	Cooling system	79 L
ENGINE		
	Rated power	169 kW
	Model	Cummins NT855-C280
	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)	7
	Number of carriers (each side)	2
	Travel speed 1st (forward/reverse)	3.8/4.9 km/h
	Travel speed 2nd (forward/reverse)	6.8/8.5 km/h
	Travel speed 3rd (forward/reverse)	11.8/14.3 km/h
WORKING PUMP		
	Type	Duplex pump
	Displacement of large pump	116 ml/r
	Displacement of small pump	10 ml/r
	Rated working pressure	18 MPa
PIPELAYING EQUIPMENT		
	Boom Length	6500 mm
	Max.lifting height	5250 mm
	Boom swing amplitude	1200~6650 mm
	Boom Line speed	0~6 m/min
	Gradeability	30°
	Ground press	0.086 MPa

SP45Y

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.