

PARAMETER INFORMATION

SPECIFICATIONS	Model		RPL90Y		
	Engine		NTA855-C360S10		
	Emission		Tier 1		
	Gross power		257kw		
	Net power		235kw		
	Number of cylinder-bore × stroke		6-139.7mm*152.4mm		
	Displacement		14L		
	Max. torque		1440N.m@1400 rpm		
	Cooling system		Mechanic fan		
DRIVE SYSTEM	Drive system		High working efficiency, low breakdown rate; torqflow transmission, 3 gears forward and 3 gears backward		
	Forward,km/h	1	0 - 3,6		
		2	0 - 6,6		
		3	0 - 11,5		
	Backward,km/h	1	0 - 4,4		
		2	0 - 7,8		
		3	0 - 13,53		
	Torque converter		3-element, single stage, 1-phase		
	Transmission		Planetary gear and torqflow transmission hydraulically actuated, forced lubrication		
	Bevel gear shaft		Spiral bevel gear, single-stage speed reduction, splash lubrication		
	Steering clutch		Wet multiple disc, disc spring loaded , hydraulically actuated, hand operated, interconnected with steering brake.		
Brake		Wet, contracting band, foot operated with hydraulic booster			
Final drive		Spur gear, double reduction ,splash lubrication			
CHASSIS SYSTEM	Track shoe type		Single grouser		
	Track gauge		2490mm		
	Width of track shoe		860 mm		
	gradeability		20°		
	Ground clearance		500mm		
	Number of track shoes		45pcs/single side		
	Ground pressure(standard configuration)		91kpa		
	Number of carrier rollers		2 pcs/single side		
	Number of track rollers		9 pcs/single side		
Pitch		228mm			
VOLUME	Fuel capacity		640L		
	Coolant liquid capacity		121L		
	Engine oil capacity		47L		
	Hydraulic oil tank		400L		
	Transmission		185L		
	Final drive		55L/single side		
OPERATING WEIGHT	Operating weight (standard)		59500kg		
DIMENSION	A Machine length		5650mm	H Track width	3350mm
	B Length of Track on Ground		3620mm	I Track gauge	2490mm
	C Machine height		3600mm	J Min boom swing amplitude	1220mm
	D Height of counterweight		2900mm	K Max boom swing amplitude	8900mm
	E Max machine height(with boom)		9500mm	L Max lifting height	7000mm
	F Max width (counterweight unfold)		6150mm	M Boom Length	8600mm
	G Min width (counterweight fold)		4125mm		
HOISTING EQUIPMENT	Max. lift capacity		90T		
	Radius of outreach		1.22m-8.6m		
	The speed of hook		0-6.8 m/min		
	Counterweight		12*910kg		
	Hydraulic pressure		21MPa		
	Diameter of wire rope		45pcs/single side		
Length of wire rope		95m			