

PARAMETER INFORMATION

SPECIFICATIONS	Model		RPL45Y		
	Engine		NT855-C280S10		
	Emission		Tier 1		
	Gross power		179kw		
	Net power		169kw		
	Number of cylinder-bore × stroke		6-139.7mm*152.4mm		
	Displacement		14L		
	Max. torque		1036N.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 - 3,8		
		2	0 - 6,8		
		3	0 - 11,8		
	Backward,km/h	1	0 - 4,9		
		2	0 - 8,5		
		3	0 - 14,3		
	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		2250mm		
	Width of track shoe		610/660 mm		
	gradeability		20°		
	Ground clearance		405mm		
	Number of track shoes		40pcs/single side		
	Ground pressure(standard configuration)		86kpa		
	Number of carrier rollers		2 pcs/single side		
	Number of track rollers		7 pcs/single side		
	Pitch		216mm		
VOLUME	Fuel capacity		440L		
	Coolant liquid capacity		79L		
	Engine oil capacity		-		
	Hydraulic oil tank		180L		
	Transmission		122L		
	Final drive		51L/single side		
OPERATING WEIGHT	Operating weight (standard)		34000kg		
DIMENSION	A Machine length		4760mm	H Track width	2860mm
	B Length of Track on Ground		3050mm	I Track gauge	2250mm
	C Machine height		3300mm	J Min boom swing amplitude	1220mm
	D Height of counterweight		2750mm	K Max boom swing amplitude	6650mm
	E Max machine height(with boom)		7100mm	L Max lifting height	5250mm
	F Max width (counterweight unfold)		5330mm	M Boom Length	6500mm
	G Min width (counterweight fold)		3690mm		
HOISTING EQUIPMENT	Max. lift capacity		45T		
	Radius of outreach		1.22m-6.5m		
	The speed of hook		0-6 m/min		
	Counterweight		2*1900kg		
	Hydraulic pressure		18MPa		
	Diameter of wire rope		20mm		
Length of wire rope		90m			