

PARAMETER INFORMATION

SPECIFICATIONS	Model		RPL25Y		
	Engine		WD10G178E25		
	Emission		Tier 2		
	Gross power		131kw		
	Net power		120kw		
	Number of cylinder-bore × stroke		6-126mm*130mm		
	Displacement		9.726L		
	Max. torque		765N.m@1100-1200 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 - 3,29		
		2	0 - 5,82		
		3	0 - 9,63		
	Backward,km/h	1	0 - 4,28		
		2	0 - 7,59		
		3	0 - 12,53		
	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		2050mm		
	Width of track shoe		560/610 mm		
	gradeability		20°		
	Ground clearance		400mm		
	Number of track shoes		39pcs/single side		
	Ground pressure(standard configuration)		70kpa		
	Number of carrier rollers		2 pcs/single side		
	Number of track rollers		7 pcs/single side		
Pitch		203mm			
VOLUME	Fuel capacity		300L		
	Coolant liquid capacity		62.8L		
	Engine oil capacity		45L		
	Hydraulic oil tank		148L		
	Transmission		122L		
	Final drive		23L/single side		
OPERATING WEIGHT	Operating weight (standard)		23800kg		
DIMENSION	A Machine length		4130mm	H Track width	2610mm
	B Length of Track on Ground		2635mm	I Track gauge	2050mm
	C Machine height		3050mm	J Min boom swing amplitude	1220mm
	D Height of counterweight		2680mm	K Max boom swing amplitude	5830mm
	E Max machine height(with boom)		6040mm	L Max lifting height	4150mm
	F Max width (counterweight unfold)		5010mm	M Boom Length	5500mm
	G Min width (counterweight fold)		3360mm		
HOISTING EQUIPMENT	Max. lift capacity		25T		
	Radius of outreach		1.22m-5.5m		
	The speed of hook		0-12 m/min		
	Counterweight		4*830kg		
	Hydraulic pressure		18MPa		
	Diameter of wire rope		18mm		
	Length of wire rope		60m		