

CRAWLER BULLDOZER



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SHANGHAI PENGPU PD220Y-1

Main technical data

Engine	Model	Cummins NT855-C280	
	Type	Turbocharged	
	Flywheel power	kW	162
	Rated speed	r.p.m.	1800
Transmission system	Torque converter	3-element, stage, single-phase	
	Transmission	Hand-operated, hydraulic shift, planetary gear	
	Steering clutch	Wet, multi-disc, spring loaded, hydraulically released	
	Steering brake	Wet, hydraulic boosted	
	Final drive	Spur gear, double reduction, splash lubricated	
	Travel speed forward	km/h	3.6 / 6.5 / 11.2
	Travel speed backward	km/h	4.3 / 7.7 / 13.2
Undercarriage and tracks	Sprocket	Segmented	
	Number of track rollers (each side)	6 (4 single, 2 double)	
	Number of track shoes (each side)	38	
	Track tension	Hydraulic adjusted	
	Track pitch	mm	216
	Track width	mm	560
	Track gauge	mm	2000
	Track length on ground	mm	2730
	Ground clearance	mm	405
	Ground pressure	MPa	≤0.082
Hydraulic system	Working pressure	MPa	13.7
	Rated flow	L/min	257
	Pump type	CBT3160 gear pump	
	Control valve	Hydraulic-operated, plunger, servo controlled	
Working characteristics	Blade type	Straight tilt blade	
	Max. tilt	mm	735
	Max. lift above ground	mm	1210
	Max. drop below ground	mm	540
	Pitch adjustment	°	55
	Ripper type	1-shank	
	Max. dig below ground	mm	666
	Max. lift above ground	mm	598.3
	Overall dimensions (L x W x H)	mm	5750 x 3725 x 3575
	Weight	kg	25500

* All specifications are subject to technical modification without notice

