

220 hp Bulldozer

Main Features of 220 hp Bulldozer

1. 220 hp Bulldozer (220 hp dozer) has reasonable structure, advanced performance, advanced technology.
2. High engine power, large output torque, low oil-consumption, reliable.
3. Hydraulic transmission, automatic speed regulation, gear shifting without stopping the machine.
4. Manipulation design of 220 hp Bulldozer is people-oriented. Handle distributes both sides, which makes it more convenient to operate.
5. Originate equipped with ROPS-FOPS device.
6. The new-style three-stage alarm device is mechanically integrated, electronic monitoring instrument shows three-stage alarm.
7. The novel hexagon cabin, a broader vision, better ventilation, better sealing effect.
8. Diverse optional device: ordinary cabin, cabin with air conditioner, heater, warm air aid, ether starting aid, angle and straight blade push broach, U-blade spade, environmental sanitation spade, single-gear ripper and three-gear ripper, ROPS-FOPS device etc.
9. Many variant products, such as reinforced bulldozers, scraper tractor and pipelayer.
10. Similar to CAT D7 bulldozer.

Main Specification of 220 hp Bulldozer

Product Model	B220Y-1	B220Y-2	B220Y-3	B220YS
Engine				
Model	NT-855-C280S10 Cummins NT-855-C280S10			
Type	Turbocharged vertical four-stroke			
Flywheel power (kW)	162			
Rated speed (r/min)	1800			
Number of cylinders -bore ×stroke (mm)	6-Φ139.7×152.4			
Starting method	24V 11kW Starting motor 24V 11kW			
Battery	24V(12VX2)-195AH			
Air cleaner	Dry horizontal type with precleaner			
Transmission System				
Torque converter	3-element, single-stage, single-phase			
Transmission	PD220Y-3 Planetary gear, multiple-disc clutch, forced lubrication by gear pump, 3forward and 3 reserve speeds Electric- hydraulic control for model PD220Y-3			
Bevel gear	Helical bevel gear, splash lubricated			
Steering clutch	PD220Y-3 Wet, multiple-disc clutch, spring loaded, hydraulically released electric-hydraulic control for mode PD220Y-3			
Steering brake	PD220Y-3 Wet, band brake , operated with hydraulic booster and valve inner			

Address: Room 513, NO.368 Han Jiang Road, Jin Cheng Plaza, Chang Zhou, Jiang Su, China

Tel.:+86-519-68687280, 68687290

Fax. +86-519-68687282

www.worldequipment.com.cn

Email sales@worldequipment.com.cn, worldequipment@hotmail.com

<http://www.chinaloaders.com>

	linkage Electric-hydraulic control for mode PD220Y-3		
Final Drive	Spur gear, double reduction, splash lubricated		
Travel Speed (km/h)	1st	2nd	3rd
Forward	3.6	6.5	11.2
Reverse	4.3	7.7	13.2
Under Carriage			
Sprocket	Segmented		
Track tension	Hydraulic-adjusted		
Floating seals are used in all sprockets, track rollers, carrier rollers and front idlers			
Number of track rollers (each side)	4 single 2 double		5single 3 double
Track			
Type	Sealed single grouser		
Track pitch (mm)	216		216
Track width (mm)	560		945
Number of track shoes(each side)	38		45
Length of track on ground (each side)	2730		3480
Ground clearance (mm)	405		450
Track gauge (mm)	2000		2250
Hydraulic System Of Work Equipment			
Working pressure (Mpa)	13.7	13.7	13.7
Rated flow (L/min)	257	160	257
Pump	CBT3160 gear pump	160-10 CB-AT 160-10double gear pump	CBT3160 gear pump
Control valve	Hand-operated plunger servo controlling	Hydraulic-operated, plunger, servo controlling	Hand-operated plunger servo controlling
Cylinder Bore×Rod×Stroke (mm)	Φ120×Φ70×1054		1209×70×1293
Work Equipment			
Blade type	Straight tilt blade		
Width×Height (mm)	3725×1315	4635×1230	3725×1315
Max. lift above ground	1210	1350	1210

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(mm)			
Max. drop below ground (mm)	540	500	540
Pitch adjustment (°)	55	53°30'	55
Max.tilt (mm)	735	500	735
Dimensions Length × Width× Height (mm)	5750×3725×3575	6060×4365×3611	5870×3725×3575
Weight (kg)	25500	26000	26300
Ripper	Type		/
	Max.dig below ground (mm)	666	555
	Max. lift above	598.3	666

Over 10 years of export experience, World Equipment has become a leading Chinese manufacturer of 220 hp Crawler Bulldozer. 220 hp Crawler Bulldozer we produce has been exported to Europe, South America, Middle East, Southeast Asia, and Africa. 220 hp Bulldozer (220 hp dozer) is very popular in these countries. We also keep developing and researching 220 hp bulldozer (220 hp dozer) products better adapted to the market to gain more acknowledgement from the clients. If you need 220hp Bulldozer (220 hp dozer), please contact us.

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