

320 hp Bulldozer

Main Features of 320 hp **Bulldozer**

1. 320 hp **Bulldozer** (320 hp dozer) has high engine power, large output torque, low oil-consumption, reliable.
2. Hydraulic transmission, automatic speed regulation, gear shifting without stopping the machine.
3. Bulldozing working equipment can lift and tilt, adopting hydraulically servo controlling, which makes it easier to control. High-strength and corrosion-resistant blade possess high loading capacity and high wear-resistance.
4. 320 hp **Bulldozer** the new-style steering hydraulic-operated control valve makes it more convenient to control, reduces the labor intensity, and improves efficiency.
5. The novel hexagon cabin, a broader vision, better ventilation, better sealing effect.
6. The new-style three-stage alarm device is mechanically integrated, electronic monitoring instrument shows three-stage alarm.
7. Diverse optional device: U blade, straight angle blade, angle blade, cabin with air conditioner, driving shack, ROPS-FOPS device, three-gear ripper, single-gear ripper, heater, warm air aid, ether starting aid etc.
8. Many variants such as pipelayer.
9. Similar to CAT D8 **bulldozer**.

Main Specification of 320 hp **Bulldozer**

Product Model	B320Y-1	B320Y-2	B320Y-5
Engine			
Model	Cummins NTA855-C360S10		Cummins QS×15
Type	Turbocharged vertical four-stroke		Turbocharged vertical four-stroke,electricity spraying
Flywheel power (kW)	239		239
Rated speed (r/min)	2000		2000
Number of cylinders -bore×stroke (mm)	6-Φ139.7×152.4		6-Φ137×169
Starting method	Electric starting24V 11kW		Electric starting24V 11kW
Battery	24V(12V×2)-195Ah		24V(12V×2)-220Ah
Air cleaner	Dry horizontal type with precleaner		
Transmission System			
Torque converter	3-element, single-stage, single-phase		
Transmission	Planetary gear, multiple-disc clutch, forced lubrication by gear pump,		

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>

	3forward and 3 reserve speeds		
Bevel gear	Helical bevel gear, splash lubricated		
Steering clutch	Wet,multiple-disc clutch, spring loaded, hydraulically released		
Steering brake	Wet, band brake , operated with hydraulic booster		
Final Drive	Spur gear, double reduction, splash lubricated		
Under Carriage			
Sprocket	Segmented		
Number of track rollers (each side)	7 (5single, 2double)		
Track tension	Hydraulic-adjusted		
Floating	Seals are used in all sprockets, track rollers, carrier rollers and front idlers		
Travel Speed (km/h)	1st	2nd	3rd
Forward	3.6	6.6	11.5
Reverse	4.4	7.8	13.5
Number of track rollers (each side)	4 single 2 double		5single 3 double
Track			
Type	Sealed single grouser		
Track pitch (mm)	228.6		
Track width (mm)	560		
Number of track shoes (each side)	41		
Length of track on ground (each side)	3150		
Ground clearance (mm)	500		
Track gauge (mm)	2140		
Hydraulic System of Work Equipment			
Working pressure (Mpa)	13.7	13.7	13.7
Rated delivery (L/min) (1800r/min)	335	250	335
Pump	CBZ4200 gear pump	CBY4200/K1010-115L double 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	Φ140×Φ75×1340		

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>

× Stroke (mm)				
Work Equipment				
Blade type	Semi-U blade	Angle	Semi-U blade	Angle
Width × Height (mm)	4130×1590	4850×1140	4130×1590	4850×1140
Max. lift above ground (mm)	1560			
Max. drop below ground (mm)	560			
Pitch adjustment (°)	55			
Max. tilt (mm)	1000			
Dimensions Length × Width × Height (mm)	6880×4850×3640 (Angle)			
Weight (kg)	35900			
Ripper	Type			
	Max.dig below ground (mm)	1250		842
	Max. lift above	955		883

World Equipment has become a professional Chinese manufacturer of 320 hp Crawler **Bulldozer**. We provide the clients with three types of 320 hp **Bulldozer** (320 hp dozer), that is B320Y-1, B320Y-2, B320Y-5. B320Y-1, B320Y-2 is equipped with Cummins NTA855-C360S10engine, B320Y-5 is equipped with Cummins QSx15 engine. The excellent mobility system is a guarantee of the products' praise for 320 hp **bulldozer** (320 hp dozer). We also keep developing and researching 320 hp **bulldozer** (320 hp dozer) products better adapted to the market to gain more acknowledgement from the clients. If you need 320hp **Bulldozer** (320 hp dozer), please contact us.

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>