



165 hp Bulldozer

Main Features of 165 hp Bulldozer

1. 165 hp Bulldozer (165 hp dozer) has attractive appearance and a strong sense of the times.
2. High engine power, large output torque, low oil-consumption, reliable.
3. Hydraulic transmission, automatic speed regulation, gear shifting without stopping the machine.
4. Three components on single element single stage torque converter, high efficiency, large capacity.
5. The new-style ROPS-FOPS, practical, beautiful.
6. The novel hexagon cabin, a broader vision, better ventilation, better seal effect.
7. 165 hp Bulldozer the new-style bulldozing working equipment is durable and its bucket capacity is much larger.
8. The new-style three-stage alarm device is mechanically integrated, electronic monitoring instrument shows three-stage alarm.
9. Manipulation design is people-oriented. Handle distributes both sides, which makes it more convenient to operate.
10. Working equipment adopts servo controlling, less strength to operate.
11. Working equipment adopts electronic lock, more convenient, more reliable.
12. Diverse optional devices: ROPS-FOPS cabin, ordinary cabin, cabin with air conditioner, heater, the another starting aid, angle and straight blade push broach, U-blade spade, environmental sanitation spade etc.
13. Similar to D6 Bulldozer of CAT.

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Main Specification of 165 hp Bulldozer

Product Model	B165Y-1		B165YS	
Engine				
Model	C6121ZG05C	CummisNT855	C6121ZG05C	CummisNT855
Type	Four-stroke, water cooling, vertical, injection type	straight vertical, Four-stroke, water cooling, PT pump injection, turbocharged	Four-stroke, water cooling, straight direct injection type	straight vertical, Four-stroke, water cooling, PT pump injection, turbocharged
Flywheel power (kW)	122			
Rated speed (r/min)	1850			
Number of cylinders -bore × stroke (mm)	6-121 ×152	6-140×152	6-121 ×152	6-140×152
Starting method	24V 7.5kW Electrical starting 24V 7.5kW			
Battery	24V (12VX2) -195AH			
Air cleaner	Dry type,precleaned cyclone air cleaner	Dry type, precleaned paper element air cleaner	Dry type, precleaned cyclone air cleaner	Dry type, precleaned paper element air cleaner
Transmission System				
Torque converter	3-element, single-stage, single-phase			
Transmission	Hand-operated, Hydraulic shift, planetary gear, multiple disc clutch, forced lubrication by gear pump			
Bevel gear	Helical bevel gear, splash lubricated			
Steering clutch	Wet, multiple disc, Spring loaded, Hand-operated with booster and hydraulic-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)	6 (4single,2 double)		7 (3single,4double)	
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	3.8	6.6	10.6	
Reverse	4.9	8.5	13.6	
Track				

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Type	Sealed and lubricated single grouser or sealed single grouser		
Track pitch (mm)	203		203
Track width (mm)	560		1000
Number of track shoes (each side)	37		44
Length of track on ground (each side)	2430		3140
Ground Clearance (mm)	400		500
Track gauge (mm)	1880		2150
Hydraulic System Of Working Equipment			
Working pressure (Mpa)	13.7		13.7
Rated Flow (L/min)(2000r/min)	250		250
Pump	Double gear pump		Gear pump
Control valve	Hydraulic-operated, plunger, servo controlling		Hand-operated, sliding type
Cylinder Bore × Rod × Stroke (mm)	Φ110×Φ65×1026		
Work Equipment			
Blade type	Straight tilt blade	Angle	Straight tilt blade
Width × Height (mm)	3416×1150	4050×1050	3970×1050
Max. lift above ground (mm)	1090	1110	1180
Max. drop below ground (mm)	530	530	440
Pitch adjustment (°)	55	55	55
Max. tilt (mm)	860	/	860
Length × Width × Height (mm)	4996×3416×3240	5185×4019×3240	4996×3970×3240
Weight (kg)	17860	17480	18200
Ripper	Type		
	Max.dig below ground (mm)	572	
	Max.	492	

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165 hp Crawler **Bulldozer** we produce has been exported to Europe, South America, Middle East, Southeast Asia, and Africa. 165 hp **Bulldozer** (165 hp dozer) is very popular in these countries. Over 10 years of export experience, World Equipment has become a leading Chinese manufacturer of Crawler **Bulldozer**. We also keep developing and researching 165 hp bulldozer (165 hp dozer) products better adapted to the market to gain more acknowledgements from the clients. If you need 165 hp **Bulldozer** (165 hp dozer), please contact us.

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