

CRAWLER BULLDOZER ZD320-3



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Note: No product coating appearance shall be subject to sample.



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Features

The power system of ZD320 series bulldozer is equipped with CUMMINS NTA855-C360 turbocharged engine, boasting globally perfect after-sale service system, high reliability, long service life, low fuel consumption and less noise. It can meet working requirements for highland of 3000m above sea level and high-temperature environment.

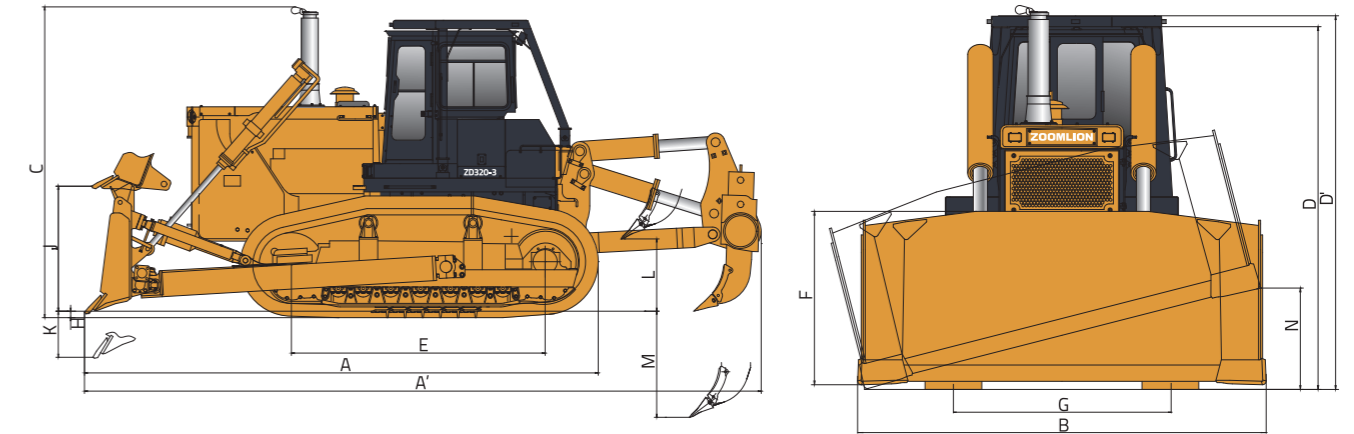
Precise and reliable electronic monitoring system enables operators to know the equipment operation condition in real time. The machine features user-friendly design, comfortable operation and attractive appearance.

According to different working conditions and environments, work equipment like straight-tilt blade, semi-U blade and ripper can be installed. Falling object protective structure (FOPS) and roll-over protective structure (ROPS) are optional. In addition, air conditioning system, centralized lubrication system, engine cold start device and automatic track tensioning device are available to meet different users' demands.

This bulldozer is suitable for excavation operation and dozing operation of hardpan in the large-scale earthwork and is widely used for the construction operations of mines, port docks, roads, railways, coal mines, oil fields, water conservancy and hydropower, deserts, etc.

ZD320M-3 bulldozer for desert area is equipped with air conditioning system, water tank specially designed for desert areas, widened track shoe and air turbine pre-filter system. Special ventilation and heat dissipation design is made for the engine protective cover. The three-stage air filter system, UV protective film for cab window and UV protective device for exposed hose are optional. It is suitable for working in desert areas.

ZD320(L)-3 bulldozer for cold area is provided with intake preheater, fuel hose and fuel filter heating jacket with heating function, cab with double-glazed window, heater, large-capacity battery resistant to low temperature and seals of cold-resistant materials. It can work in -50°C low-temperature environment.



Technical Parameters

	Item	ZD320-3/ZD320(L)-3	ZD320M-3
Key technical parameters	Blade type	Small Semi-U Blade	Small Semi-U Blade
	Operating weight	35044	35100
	Blade capacity(m³)	11.6	11.6
	Engine model	NTA855-C360	NTA855-C360
	Rated power/Slewing speed (kW/rpm)	257/2000	257/2000
	Max. torque (N·m/rpm)	1509/1400	1509/1400
	Max. fuel consumption (g/kW·h)	242	242
	Max. drawbar pull(kN)	302	302
	Ground pressure(kPa)	106	106
	Gradeability	30°	30°
	Traveling speed (forward)(km/h)	3.6/6.6/11.5	3.6/6.6/11.5
	Traveling speed (reverse)(km/h)	4.4/7.8/13.5	4.4/7.8/13.5

Dimension and Operation Range

	Item	ZD320-3/ZD320M-3/ZD320(L)-3	
Basic technical parameters	A	Length(without multi-shank ripper)(mm)	6625
	A'	Length(with single/multi-shank ripper)(mm)	9043/8639
	B	Width (mm)	4030
	C	Height (mm)	3725
	D	Height of cab (mm)	3600
	D'	Height of ROPS (mm)	3687
	E	Length of track on ground (mm)	3150
	F	Height of blade (mm)	1705
	G	Track shoe width (mm)	2140
	H	Height of grouser (mm)	80
Operating range	I	Track shoe width (mm)	560
	J	Max. lift of blade above ground (mm)	1560
	K	Max. drop of blade below ground (mm)	560
	L	Max. lift of ripper above ground (mm)	960/890
	M	Max. drop of ripper below ground (mm)	1235/835
	N	Max. tilting height of blade (mm)	1000