

## YD320 Crawler Type Bulldozer

1. Model: YD320

2. Brand: SINOMACH



3. Main technical parameters

Items		Value
Operating mass (kg)		37200 (excluding ripper)
Dimension	Total length (mm)	8610
	Total width (mm)	4130
	Total height (mm)	3725
Track gauge (mm)		2140
Track shoe width (mm)		560
Ground contact length of track (mm)		3150
Engine	Model	Cummins NTAA855-C360S20
	Rated power (HP/kW)	345/257

	Rated rotor speed (r/min)	2000
Theoretical speeds of all gears		
Forward Gear I (km/h)		0- 3.6
Forward Gear II (km/h)		0-6.6
Forward Gear (km/h)		0-11.5
Backward Gear I (km/h)		0-4.4
Backward Gear II (km/h)		0-7.8
Backward Gear III (km/h)		0-13.5
Dozer blade		
Width × Height (mm)		4130×1590
Maximum lifting height (mm)		1560
Maximum embedded depth into soil (mm)		560
Cutting angle		55°

**Product Description:**

1. Cummins National Emission Standard II engine is used, which has large output torque and low fuel consumption. It is reliable, energy-saving and environment-friendly;
2. Single-stage single-phase three element hydraulic torque converter is used. The vehicle does not have to be stopped shifting. The work efficiency is improved.
3. The Shanghai Photrol and air filter and prefilter device are used, which extend service life of engine and increase the maintenance interval.

4. Ejector of engine muffler is cancelled, which increases exhaust diameter, reduces exhaust pressure, and reduces the fuel consumption;
5. Hydraulic filter has alarm device, which timely reminds user of cleaning filter core or replacing the hydraulic oil;
6. Air conditioning cooler is under the engine hood. It can cool with cooling air of the engine and improve the cooling effect;
7. Oil, water and other daily maintenance points have humanized layout, which is convenient for inspection and maintenance;
8. The machine adopts advanced hydraulic drive and hydraulic control technology. It has advanced and reasonable structure, portable and flexible control, and reliable quality.