

MOMAC

LOVOL

BULLDOZER

FD320



FD320 BULLDOZER

SPECIFICATION

MAIN SPECIFICATION

MODEL	FD320
TYPE	320HP STANDARD HYDRAULIC CRAWLER TYPE
ENGINE	CUMMINS NTA855-C360S10
DISPLACEMENT(L)	14.01
RATED POWER(KW/RPM)	257/2000
MAX.TORQUE(N.M/RPM)	1400/1440
OPERATING WEIGHT(MM)	37.2 TON
DIMENSION(NO RIPPER)(MM)	6880×4130×3688
GROUNDING LENGTH(MM)	3150
GROUND PRESSURE(MPA)	0.105
TRACK GAUGE(MM)	2140
DOZING CAPACITY(M3)	10
BLADE WIDTH(MM)	4130
BLADE HEIGHT(MM)	1590
MAX DROP BELOW GROUND(MM)	560/630
TRACK SHOE WIDTH(MM)	560
PITCH(MM)	228.6
QUANTITY OF TRACK LINK	41
QUANTITY OF CARRIER ROLLERS	4
QUANTITY OF TRACK ROLLERS(EACH SIDE)	14
MAX PRESSURE(MPA)	14
L/MIN DISCHARGE	355
MAX TRACTOR FORCE(KN)	280
FORWARD SPEED	F1:0-3.6 F2:0-6.6 F3:0-11.5
REAR SPEED	R1:0-4.4 R2:0-7.8 R3:0-13.5

SCOPE OF APPLICATION

FD320 crawler bulldozer, carries out standardized mass production of high-power bulldozer. The whole machine adopts advanced hydraulic transmission, hydraulic control technology, advanced and reasonable structure, light and flexible operation, quality and reliable.

MAIN FEATURES

- A CUMMINS NTA855-C360S10 engine which can gives you more power and reliability you need.
- The highly reliable power shift transmission, stable torque converter and the two-stage straight-tooth structure final drive transmit power efficiently.
- With independent engine cooling water tank, chassis oil cooler, water and air intercooler provides excellent cooling performance and simple maintenance operation to ensure continuous operation of the machine.
- The main frame of the full box structure adopts steel plate welded full box type integral structure, which is welded with the rear axle box. It has high impact load bearing capacity and resistance to bending and twisting. High quality weld seam ensures the main frame has a full life cycle.
- The final drive is driven low and provides more powerful driving force and efficient gradeability. The crawler-type walking chassis has reached the international advanced level and is suitable for various complicated working conditions, with high reliability and carrying capacity.
- The standard straight tilt blade features powerful cutting force and the three-shank ripper can be equipped for the ripping of clay and frozen earth, featuring high working efficiency and super-strong penetrating force



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As manufacturer, LOVOL has right to constantly upgrade and improve our products without informing to customers. The pictures in literatures are for reference only, the detailed specifications are subject to real products.

