

A yellow and black tracked bulldozer, the MOMAC LOVOL FD220, is shown from a side-rear perspective. The machine features a large rear-mounted blade, a protective cage for the operator's cab, and heavy-duty tracks. The background includes a modern building with large windows and some greenery.

MOMAC

LOVOL

BULLDOZER

FD220

FD320 BULLDOZER

SPECIFICATION

MAIN SPECIFICATION

MODEL	FD220
TYPE	220HP STANDARD HYDRAULIC CRAWLER TYPE
ENGINE	CUMMINS NT855-C280S10
DISPLACEMENT(L)	14.01
RATED POWER(KW/RPM)	175/1800
MAX.TORQUE(N.M/RPM)	1030/1250
OPERATING WEIGHT	23.5 TON
DIMENSION(NO RIPPER)(MM)	5460×3725×3395
GROUNDING LENGTH(MM)	2730
GROUND PRESSURE	0.077
TRACK GAUGE(MM)	2000
DOZING CAPACITY	6.4
BLADE WIDTH(MM)	3725
BLADE HEIGHT(MM)	1317
MAX DROP BELOW GROUND(MM)	540
TRACK SHOE WIDTH(MM)	560
PITCH(MM)	216
QUANTITY OF TRACK LINK	38
QUANTITY OF CARRIER ROLLERS	4
QUANTITY OF TRACK ROLLERS(EACH SIDE)	6
(MPA)MAX PRESSURE	14
L/MIN DISCHARGE	262
MAX TRACTOR FORCE(KN)	202
FORWARD SPEED	F1:0-3.6 F2:0-6.5 F3:0-11.2
REAR SPEED	R1:0-4.3 R2:0-7.7 R3:0-13.2

SCOPE OF APPLICATION

FD220 series bulldozers adopt advanced technologies such as centralized lubrication, centralized pressure measurement and automatic tightening of crawlers. It can be equipped with a variety of working devices and cabs to meet the various working conditions. They are ideal and efficient equipment for earth and stone construction work and bulk scraping.

MAIN FEATURES

- A CUMMINS NT855-C280S10 engine which can meet gives you more power and reliability you need. Improved fuel economy over the previous model with strong torque output and low fuel consumption gives you excellent overall fluid efficiency.
- The highly reliable power shift transmission, stable torque converter and the two-stage straight-tooth structure final drive transmit power efficiently.
- It can realize automatic fault diagnosis and full monitoring.The overall cast instrument panel integrates air conditioning, electrical appliances and instruments into one, which is more beautiful and luxury.
- 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.
- According to the ergonomic design, the driver's seat and armrest can be adjusted up and down, the shifting, steering and throttle are placed on the left side, and the soft shaft structure is adopted. The working device is operated on the right side, and the servo control system is used to make the operation process more light and flexible.
- 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



FD220

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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.

