

# THE NEXT BEST

INTRODUCING THE ALL **NEW**

## JCB NXT 225<sub>LCM</sub> TRACKED EXCAVATOR



Heavy-Duty  
Dig-End for Next  
Level of Durability



Excellent Block  
Handling Capability  
in Marble & Granite  
Application



Ecohydraulic and  
10 Working Modes  
for State of Art Fuel  
Economy



110 kW (148 hp)  
Cummins Engine with  
Simple In-Line Fuel  
Injection System



Extended  
Service Interval  
Engine Oil : 500 hours,  
Hydraulic Oil : 5000 hours



Advanced Telematics:  
LiveLink 4.0 for  
Enhanced Uptime.  
Stay Connected 24x7



INTELLI  
CONTROL

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Engine power: 110 kW (148 hp) | Bucket capacity: 0.9 cu.m - 1.05 cu.m  
Operating weight: 22.2 Tonne

\*T & C Apply



## SPECIFICATION: JCB NXT 225LC M TRACKED EXCAVATOR

### ENGINE

Model	Cummins 6BTA 5.9
Gross Power	110 kW (148hp) @ 2000 rpm
Piston displacement	5.9 L

### TRACK DRIVE

Gradeability	70% (35 degree) continuous
Travel speed	High - 5.5 km/h, Mid - 3.2 km/h, Low - 2.3 km/h
Tractive effort	197.8 kN (20170 kgf)

### HYDRAULIC SYSTEM

3 Work modes: eco, Power & Power+

#### Pumps

Main pumps	2 variable displacement axial piston type.
Maximum flow	2 x 220 L/min
Servo pump	Gear type
Maximum flow	20 L/min

#### Control valve

Relief valve settings	
Boom / Arm / Bucket	343 bar
Power boost	373 bar
Swing circuit	289 bar
Travel circuit	343 bar
Pilot control	40 bar
Main control valve	9 Spool

### SWING SYSTEM

Swing motor	Axial piston type.
Swing brake	Hydraulic braking, electrically operated spring applied disc type parking brake.
Final drive	Planetary reduction.
Swing torque	65.2 kNm
Swing gear	Large diameter, internally toothed fully sealed grease bath lubricated.
Swing speed	13.0 rpm

### UNDERCARRIAGE

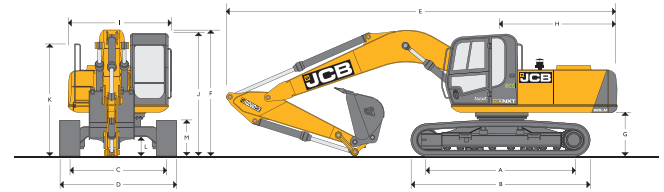
Track Shoe	600mm (standard)
Upper & lower rollers	Heat-treated, sealed and lubricated.
Track adjustment	Sealed and lubricated, with spring enhanced recoil. Grease cylinder type.
No. of track guides	2 per side
No. of lower rollers	8 Per side
No. of upper rollers	2 per side
No. of track shoes	49 per side

### SERVICE CAPACITIES

Fuel tank	L	343
Engine coolant	L	25.5
Engine oil	L	19
Hydraulic system	L	260
Hydraulic tank	L	120
Swing device	L	5
Travel device	L	2 x 5

### POWER BOOST

Dipper tearout maximum	12,723 kg
Bucket tearout maximum	14,360 kg



### STATIC DIMENSIONS

Model	JCB NXT 225LC M		
A	Track length on ground	m	3.71
B	Undercarriage overall length	m	4.47
C	Track gauge	m	2.40
D	Width over tracks	m	2.99
E	Transport length with mono boom and arm	m	9.65
F	Transport height with mono boom and dipper	m	3.18
G	Counterweight clearance	m	1.00
H	Tail swing radius	m	2.82
I	Width of superstructure	m	2.56
J	Height over cab	m	3.00
K	Height over handrail	m	2.75
L	Ground clearance	m	0.46
M	Track height	m	0.85

### WORKING RANGE

Boom length 5.7 m Dipper	unit	Arm length	
		2.40 m	3.00 m
Maximum digging reach	m	9.40	9.89
Maximum digging reach (on ground)	m	9.21	9.72
Maximum digging depth	m	6.14	6.73
Maximum digging height	m	9.13	9.22
Maximum dumping height	m	6.36	6.49
Maximum vertical wall cut depth	m	3.85	6.06
Minimum swing radius	m	5.57	3.80
Bucket rotation	deg.	183	182
Dipper tearout (ISO6015)	kgf	11700	9842
Dipper tearout with boost	kgf	12723	10703
Bucket tearout (ISO6015)	kgf	13205	13205
Bucket tearout with boost	kgf	14360	14360

### WEIGHT AND GROUND BEARING PRESSURE

Maximum operating weight	22.2 Tonne
Ground bearing pressure	0.49 kg/sq.cm

## EXCEEDING EXPECTATIONS EVERYWHERE

**6000+**  
Trained service engineers

**3500+**  
Mobile service engineers

**20+** Operator training centres

**60+** Dealers

**750+** Outlets

**5** Parts warehouses

**250+** Service vans

**24x7 Support**  
12 Languages

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