



THE NXT LEVEL

JCB NXT 210_{LC}

TRACKED EXCAVATOR

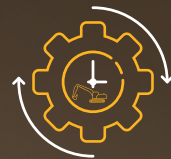
Engine Power: 104 kW (140 hp) | Bucket Capacity: 0.9 cu.m GP / 0.9 cu.m (HD) Operating Weight: 21,250 kg (LC)



Fuel saving in
eco mode



Loaded with
power & power+
modes for higher
productivity



Long maintenance
intervals for engine
& hydraulics



LiveLink
Stay connected 24x7



Available Variants

JCB NXT 215LC

Engine Power: 140 hp
Engine Make: Cummins
Bucket: 0.9-1.02 cu.m
Operating Weight: 21,500 kg



JCB NXT 225LC M

Engine Power: 148 hp
Engine Make: Cummins
Bucket Capacity: 0.9-1.05 cu.m
Operating Weight: 20,500 kg



* T & C Apply.

SPECIFICATION: JCB NXT 210LC TRACKED EXCAVATOR

ENGINE

Model	Cummins 6BT 5.9C
Type	Water cooled, 4 stroke, 6 cylinder in line, direct injection, turbocharged diesel
Rated power	140 HP @ 2000 rpm
Piston displacement	5.88 L
Starting system	24 V

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
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

TRACK DRIVE

Gradeability	70% (35deg.) continuous
Travel speed	3.8 kmph
Tractive effort	170 kN

UNDERCARRIAGE

Track Shoe	500 mm (standard)
Upper & lower rollers	Heat-treated, sealed and lubricated.
Track adjustment	Sealed and lubricated, with spring enhanced recoil.
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

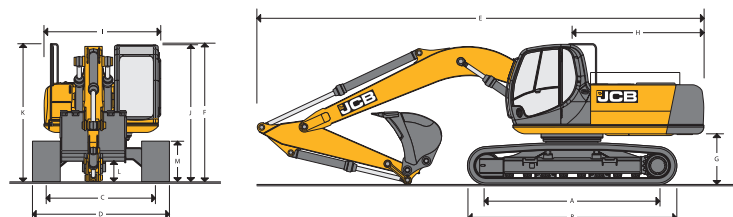
SERVICE CAPACITIES

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

WEIGHT AND GROUND BEARING PRESSURE

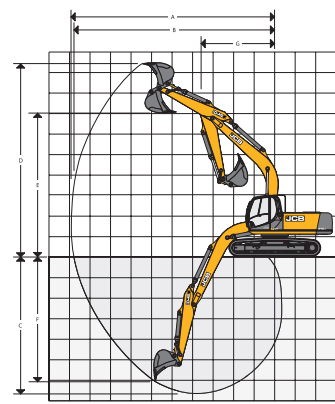
Standard machine with bucket, operator, full capacity lubes and fuel

	JCB NXT 210LC
Max operating weight	21,250 kg
Ground bearing pressure	0.58 kg / sq cm



STATIC DIMENSIONS

			JCB NXT 210LC (LC track, 500 mm track shoe)	
			2.4 m arm	3 m arm
A	Track length on ground	m	3.66	3.66
B	Undercarriage overall length	m	4.46	4.46
C	Track gauge	m	2.39	2.39
D	Width over tracks	m	2.89	2.89
E	Transport length with mono boom and arm	m	9.56	9.56
F	Transport height with mono boom and dipper	m	3.12	3.12
G	Counterweight clearance	m	1.08	1.08
H	Tailswing radius	m	2.83	2.83
I	Width of superstructure	m	2.55	2.55
J	Height over cab	m	3.06	3.06
L	Ground clearance	mm	435	435
M	Track height	mm	885	885

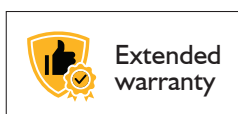


WORKING RANGE

		Arm length	
Boom length 5.7 m		2.40 m	3.00 m
Arm	Unit		
Maximum digging reach	m	9.4	9.9
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	5.57	6.06
Minimum swing radius	m	3.84	3.8
Bucket rotation	deg.	177	177
Dipper tearout (ISO)	kgf	11832	9845
Bucket tearout (ISO)	kgf	13460	13460

*Results shown are based on internal trials done in standard test conditions, they may vary on the basis of operator efficiency and type of applications. T&C Apply.

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