

THE NXT LEVEL

JCB NXT245HDLR

TRACKED EXCAVATOR



Heavy-Duty
Structure for
Longer Life



Loaded with
Power & Power+
Modes for Higher
Productivity



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



Spacious and
Comfortable
AC Cabin



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



51 FT
DIG REACH

40 FT
DIG DEPTH

INTELLI
CONTROL

To know more



Scan the QR code



Operating Weight: 23,850 kg | Engine Power: 140 hp
Bucket Capacity: 0.45 m³

*T&C Apply.

SPECIFICATION: JCB NX 245 HDLR TRACKED EXCAVATOR

ENGINE

Model	Cummins 6BT 5.9C
Gross Power	140 HP @ 2000 rpm
Piston displacement	5.88 L

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	240 bar
Travel circuit	343 bar
Pilot control	40 bar

SWING SYSTEM

Swing motor	Axial piston type.
Swing brake	Hydraulic braking, electrically operated spring applied disc type parking brake.
Final drive	Planetary reduction.
Swing gear	Large diameter, internally toothed fully sealed grease bath lubricated.
Swing speed	12 RPM

SERVICE CAPACITIES

Fuel tank	L	343
Engine coolant	L	25.5
Engine oil	L	19
Hydraulic system	L	203
Hydraulic tank	L	120
Swing device	L	5
Travel device	L	2 x 5

WEIGHT & GROUND BEARING PRESSURE

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

	600mm Track Chain	800mm Track Chain
Max operating weight	23,300 kg	23,850 kg
Ground bearing pressure	0.38 kg / sq cm	0.49 kg / sq cm

FILTRATION SYSTEM

In-tank	150 microns, suction strainer.
Main return line	10 microns, high-efficiency glass fibre.
Pilot line	10 microns, paper element.

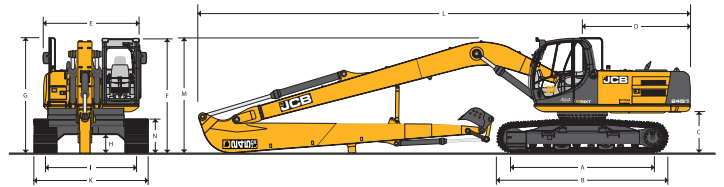
TRACK DRIVE

Gradeability	70% (35 deg.) continuous
Travel speed	3.8 km/h
Tractive effort	166 kN

UNDERCARRIAGE

Track Shoe	600 mm /800 mm
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

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



STATIC DIMENSIONS

A	Track length on ground	m	3.66
B	Undercarriage overall length	m	4.47
C	Counterweight clearance	m	1.05
D	Tail swing radius	m	2.83
E	Overall width of the super structure	m	2.55
F	Height over cab	m	3.06
G	Height over handrail	m	2.78
H	Ground clearance	mm	456
I	Track gauge	m	2.39
K	Width over tracks (600 mm)	m	2.99
	Width over tracks (800 mm)		3.19
L	Transport length	m	12.58
M	Transport height	m	3.05
N	Track height	mm	890

WORKING RANGE

	Unit	Arm length (6.4 m)
Maximum dig reach	m	15.62
Maximum dig reach at ground level	m	15.51
Maximum digging depth	m	12.04
Maximum digging height	m	12.69
Maximum loadover height	m	10.4
Maximum vertical wall cut depth	m	11.46
Minimum swing radius	m	5.45
Bucket rotation	deg.	182
Bucket breakout force ISO 6015	kN	65.5
Arm breakout force ISO 6015	kN	44

EXCAVATOR BUCKET

0.45 cu.m

STANDARD EQUIPMENT

Auto-Idler	Cab floor mat
Work lights: 1 each on boom and main frame	Rubber covered track pedals
Additional lights: 2 nos. on cab	Removable front lower cab glass
Additional lights: 1 no. on counterweight	Tool kit
Windscreen wiper	Handrail and nonslip walk ways
Engine fan guard	Radiator fly screen
Undercarriage belly guarding	FM Radio and USB music player with speakers
Upper structure under covers	Cabin guard (front)
Engine pre-cleaner	Mirror on RH handrail
Double element radial type air cleaner with wire mesh protection	Mirror on cab grabrail
Heavy-duty alternator (75 amp)	Laminated glass on front and right hand side of cabin
Cabin fan	LiveLink
Suspension seat	

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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