JCB

POWER TO DO MORE

JCB 345LcHD

TRACKED EXCAVATOR



HD deep section Boom and Arm with Cast Pivots for durability

High performance with Powerful 221 HP engine with 960 Nm max torque



Fuel efficient JCB engine with inline fuel injection & ecoHydraulic for fuel saving



Loaded with Power & H+ Modes for higher productivity

Extended Service Interval Engine Oil: 500 hrs , Hydraulic Oil: 5 000 hrs

NEW LIVE JCB LINK 4.0

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



*T&C Apply.

To know more

Scan the QR code

7500 HOURS OR 3 YEARS EXTENDED* WARRANTY

Engine power: 165 kW (221 hp) | **Bucket capacity:** 1.24 m^3 - 1.80 m^3

Operating weight: 34 560 - 36 000 kg

SPECIFICATION: **JCB 345LC HEAVY DUTY TRACKED EXCAVATOR**

ENGINE

Model	JCB DIESELMAX 672 mechanical engine
Type	Water cooled, 4-stroke, 6-cylinder in line, mechanical direct injection, turbocharged, intercooled
Rated power	165 kW (221 hp) at 1 800 rpm
Piston displacement	7.2 L
Batteries	2 x 12 V

CONTROL SYSTEM

Control valve	A combined four and five spool control valve with auxiliary service spool as standard
Modes	E, P, H+

HYDRAULIC SYSTEM

Open centered, negative control hydraulic system with twin variable flow piston pumps providing flow-on-demand.

Pumps	
Main pumps	2 variable displacement axial piston type.
Maximum flow	2 x 250 LPM
Servo pump	Gear type
Maximum flow	18 LPM
Relief valve settings	
Boom/Arm/Bucket	343 bar MRV (392 bar ARV).
Swing circuit	290 bar
Travel circuit	343 bar
Pilot control	39 bar

SLEW SYSTEM

Slew motor	Axial piston type.
Slew brake	Negative type, oil lubricated, multi-disc parking brake.
Slew torque	100.3 kNm
Slew speed	9.4 rpm
Slew gear	Large diameter, internally toothed fully sealed grease bath lubricated.

TRACK DRIVE

Type	Fully hydrostatic, two speed with autoshift
Travel motors	Variable swash axial piston type, fully guarded within undercarriage
Final drive	Planetary reduction, bolt-on sprockets
Service brake	Hydraulic counter balance valve
Park brake	Disc type, spring applied, automatic hydraulic release
Gradeability	70% (35 deg) continuous
Travel speed	High - 4.5 km/h
	Low - 2.7 km/h
Tractive effort	289 kNm

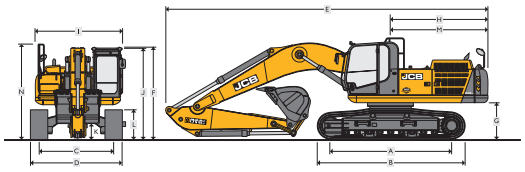
UNDERCARRIAGE

Track shoe options	600 mm
Track type	Sealed and lubricated.
Rollers and shoes (each side)	LC
No. of track guides	3 per side
No. of lower rollers	9 per side
No. of upper rollers	2 per side
No. of track shoes	50 per side

SERVICE CAPACITIES

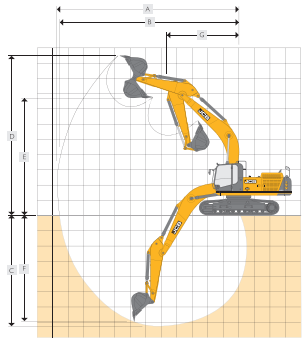
Fuel tank	L	590
Engine coolant	L	32
Engine oil	L	30
Swing reduction gear	L	16
Track reduction gear (each side)	L	5
Hydraulic system	L	430
Hydraulic tank*	L	239

*Deduction cylinder volumes and service fill (25 L)



STATIC DIMENSIONS

Model			**JCB 345LC HD**	
A	Track length on ground	m	3.99	
B	Undercarriage overall length	m	4.95	
C	Track gauge	m	2.6	
D	Width over tracks (600 mm trackshoes)	m	3.2	
G	Counterweight clearance	m	1.2	
H	Tail swing radius	m	3.21	
I	Overall width of super structure	m	3.07	
J	Height over cab	m	3.3	
K	Ground clearance	mm	550	
L	Track height	m	1.03	
M	Tail length	m	3.2	
N	Height over grab rail	m	3.4	
			Monoboom 6.2m	
Dipper lengths			2.5 m	3.1 m
E	Transport length	m	10.74	10.63
F	Transport height	m	3.45	3.26



WORKING RANGE MONOBOOM 6.2M

Dipper length			**2.5m**	**3.1m**
A	Maximum digging reach	m	10.15	10.73
B	Maximum digging reach (on ground)	m	9.94	10.52
C	Maximum digging depth	m	6.57	7.17
D	Maximum digging height	m	9.94	10.28
E	Maximum dumping height	m	6.9	7.23
F	Maximum vertical wall cut depth	m	5.78	6.5
G	Minimum swing radius	m	4.07	4.11
	Bucket rotation	deg	185°	185°
	Maximum dipper tear out	kN	156.2	126.5
	Maximum bucket tear out	kN	221.3	221.5

BUCKET AND ARM COMBINATION

Bucket width	m	1.3	1.51	1.6	1.76
Bucket capacity	m^3	1.24	1.49	1.61	1.80
Bucket weight	kg	1 282	1 443	1 542	1 629
LC					
2.5m No Quickhitch (Quickhitch)	m	❑ (■)	■ (●)	●	●
3.1m No Quickhitch (Quickhitch)	m	❑ (●)	●	●	

❑ = Suitable for general excavating (materials up to 1 800 kg/m^3)
■ = Suitable for light excavating (materials up to 1 500 kg/m^3)
● = Suitable for grading and loading (materials up to 1 200 kg/m^3)

*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.

EXCEEDING EXPECTATIONS EVERYWHERE

- **65+** Dealers
- **700+** Outlets
- **5** Parts warehouses
- **6 000+** Trained service engineers
- **3 500+** Mobile service engineers
- **26+** Operator training centres
- **300+** Service vans
- **47+** Workshop on wheels
- **183+** Parts van
- **24x7 Support** 12 Languages

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