

SPECIFICATION

JCB E-TECH



MICRO EXCAVATOR | 8008E CTS

Transport weight 931kg Zero Emissions. Lithium-ion Technology.

JCB

The JCB micro has gone electric

The JCB 8008E CTS offers safer working conditions with zero emissions, lower noise levels and easy servicing. No diesel engine also means less vibration reducing operator fatigue and increasing productivity.



TOUGH TO BEAT PERFORMANCE

Class-leading power reduces time and manpower of labour-intensive digging jobs. 8008E CTS extending undercarriage provides greater stability.

TOUGH TO BEAT VERSATILITY

The 8008E CTS micro excavator is a compact machine with minimal tailswing, capable of high performance in the most restricted areas.



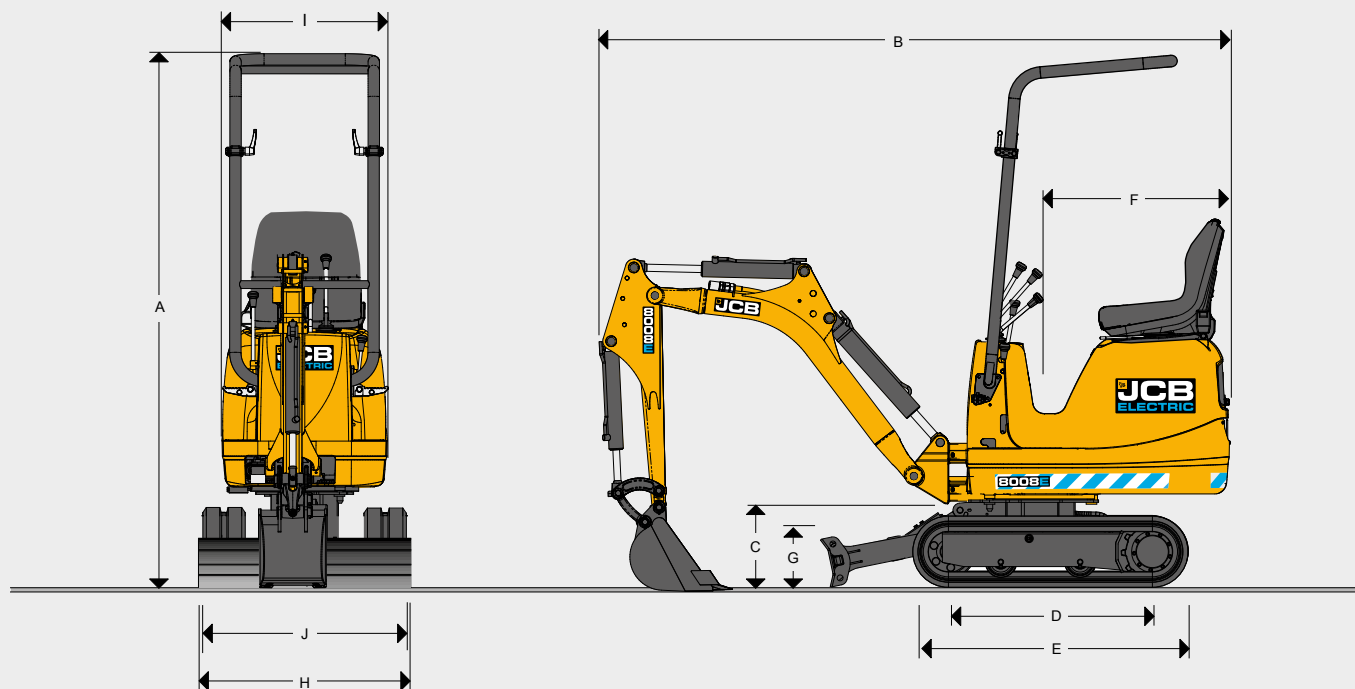
TOUGH TO BEAT DURABILITY

The JCB 8008E CTS has been designed and built to withstand the toughest job sites, with long-lasting components for minimum downtime.

TOUGH TO BEAT E-TECH

Our electric technology saves time and money, keep check of your battery levels on the instrument panel, while 2 charging options allows you to get working straight away.

STATIC DIMENSIONS



	Dipper	mm	880
A	Overall height (trans pos)	mm	2310
B	Overall length (trans pos)	mm	2682
C	Kingpost clearance	mm	356
D	Sprocket idler centres	mm	865
E	Undercarriage length	mm	1165
F	Tailswing	mm	800
G	Dozer height	mm	200
H	Dozer width (retracted)	mm	700
	Dozer width (extended)	mm	900
I	Superstructure width	mm	695
J	Width over tracks (retracted)	mm	700
	Width over tracks (extended)	mm	865
	Max bucket tearout	kN	9.3
	Max dipper tearout	kN	4.6
	Travel speed	kph	1.8
	Drawbar pull	kN	7.75
	Slew speed	rpm	7

POWER SOURCE

Battery Type	Manganese laminated Lithium-ion
Gross Capacity	9.9 kWh
System Voltage	48V
Zero Emissions at point of use	

CHARGING

On-board charger allowing direct connection to AC mains power supply	
Indicative Charge Time - 20-80%, subject to environmental conditions.	On-board @ 110V – 5.5 hrs On-board @ 230V – 3 hrs
Charging cable plug type	16A 110V (Yellow) 16A 230V (Blue)

MOTOR

Motor Type	Low voltage IPM motor
Motor Power	13kW peak
Operating Modes	L: 950-1600rpm G: 1600-2000rpm ECO: 1800rpm H: 2000-2200rpm

UNDERCARRIAGE

No of bottom rollers		2
Track width	mm	180
Ground bearing pressure	Kg/ cm ²	0.23
Ground clearance	mm	130
Track tensioning		Grease

HYDRAULIC SYSTEM

Pump		2 section gear
Nominal output	lpm	11.2 x 2
Excavator/track main relief	bar	170
Slew main relief	bar	90
Auxiliary hydraulic flow	ltr	22.4

WEIGHTS

Operating weight*	kg	1006
Transport weight with 2 post TOPS	kg	931

*Operating weight to ISO 6016 including 2 post TOPS frame, rubber tracks, standard dipper, standard dozer, 300mm bucket, full tanks and a 75kg operator.

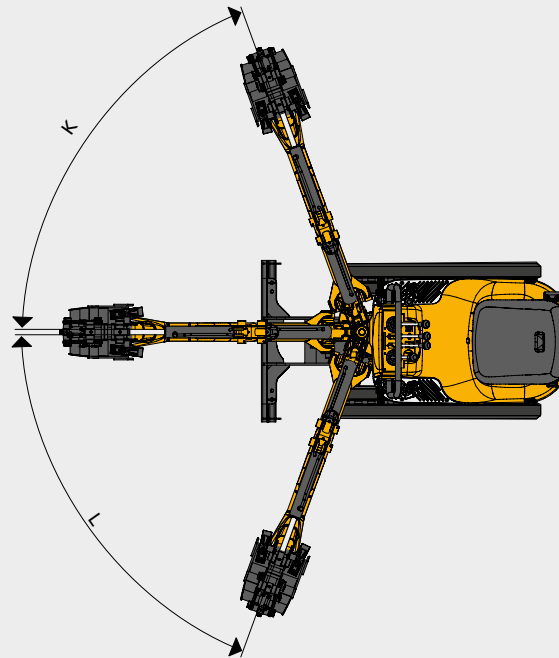
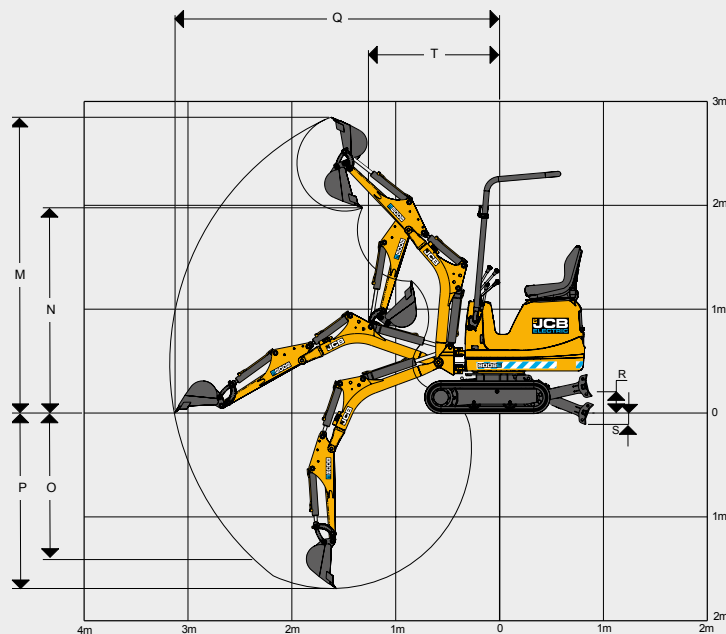
SERVICE CAPACITIES

Hydraulic system capacity	ltr	21
Hydraulic tank capacity	ltr	16

MACHINE SPECIFICATIONS

Front-mounted TOPS frame
JCB Trackmaster rubber track (180mm)
ISO patter controls high flow (AUX-1)
Ergonomic seat
English Language pack
Standard dipper
Standard dozer
Single/dual acting auxiliaries
Boom worklight

WORKING RANGE



	Dipper	mm	880
K	Boom swing right	degrees	70
L	Boom swing left	degrees	70
M	Max dig height	mm	2840
N	Max dump height	mm	1980
O	Max vertical dig depth	mm	1480
P	Max dig depth-dozer up	mm	1690
	Max dig depth-dozer down	mm	-
Q	Max ground level reach	mm	3110
	Bucket rotation	degrees	191°
R	Dozer cut above ground	mm	200
S	Dozer cut below ground	mm	110
T	Min. slew radius	mm	1240

EQUIPMENT

SERVICE AND MAINTENANCE

Grease gun & cartridge	•
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TRACKS AND UNDERCARRIAGE

180mm short pitch rubber tracks	•
Retractable undercarriage	•
Extendable dozer blade	•

OPERATOR STATION

On-board charger	•
LED worklights	•
Control isolation	•
Static seat	•

POWER SOURCE

2 power packs	•
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HYDRAULICS

Hydraulic slew travel lock	•
Variable displacement pump	•
Straight line travel circuit	•
BSP hydraulics	•
Quick release auxiliary couplers	•
Single / double acting auxiliaries	•

PROTECTION AND SAFETY

TOPS certified canopy	•
Protected boom work light	•
Cesar Data Tag (UK ONLY)	+
Disconnect switch	•
Seat belt engaged green beacon	+
JCB LiveLink	+
Immobiliser key	+

EXTERNAL EQUIPMENT

*Charging leads 110V	•
*Charging leads 230V	•
Standard dipper (mm)	880
LED amber beacon	+

STANDARD •
OPTIONAL +

*Choice of single charge lead is standard









100% electric. Zero emissions.

Your nearest JCB dealer

MICRO EXCAVATOR 8008E CTS

Transport weight 931kg Zero Emissions. Lithium-ion Technology.

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Download the very latest information on this product range at: www.jcb.com

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