

## SPECIFICATION

JCB E-TECH



### ELECTRIC DUMPER | ITE

Payload: 1 Ton Operating weight: 3,583lbs Battery capacity: 10kWh

JCB

# 100% electric. Zero emissions.

JCB is leading the way in clean technology and reducing harmful emissions. That's why we are introducing JCB E-TECH, a new generation of electric products with zero emissions at point of use that don't compromise on performance. The new ITE, 1 ton fully electric machine challenges perceptions of where site dumpers can operate. With zero emissions during use, the machine can operate indoors and in noise sensitive environments.

## ZERO EMISSIONS.

The ITE is a new 1 ton, fully-electric dumper designed to work in urban, air quality sensitive environments and enclosed spaces.



## INDUSTRY'S SAFEST.

The ROPS frame ensures operator safety, while the LED beacons and reverse alarm alert pedestrians of the machine's presence.

## SILENT NIGHT.

The ITE electric dumper can carry on working through the night in any conditions, with near-silent operation and powerful LED work lights.



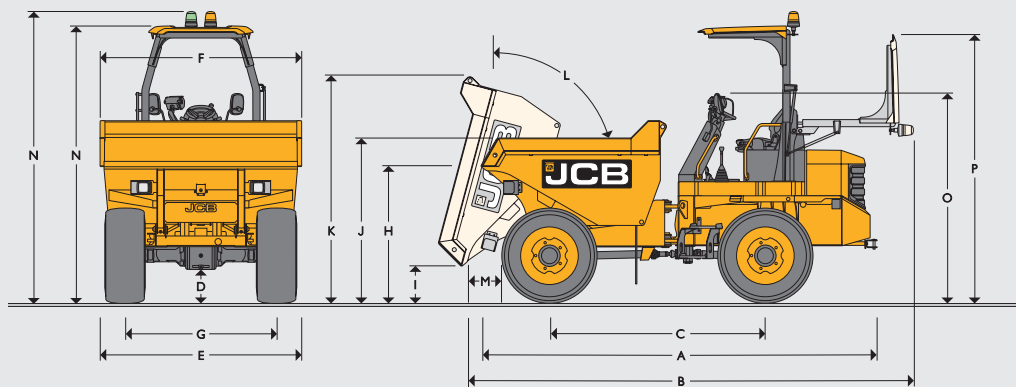
## KEEP MOVING.

Powered by robust lithium-ion batteries, charged using the rapid charger, the ITE will work a full day's shift.

## ULTIMATE VERSATILITY.

The High-tip skip allows the dumper to unload material into dumpsters or large containers, and the compact design enables the machine to work in confined areas.

**STATIC DIMENSIONS**



**STATIC DIMENSIONS AND CAPACITIES**

A	Overall length	ft-in (mm)	10-2 (3095)
B	Overall length (ROPS or FOPS folded)	ft-in (mm)	11-2 (3403)
C	Wheelbase	ft-in (mm)	4-11 (1500)
D	Minimum ground clearance	ft-in (mm)	0-10 (263)
E	Total width (Standard/Narrow tyres)	ft-in (mm)	3-8 (1106)
F	Skip width	ft-in (mm)	3-3
G	Track width (Standard/Narrow tyres)	ft-in (mm)	2-10 (850)
I	Height to front lip of skip (untipped)	ft-in (mm)	3-9 / 7-5 (1134/2259)
H	Height to front lip of skip (tipped)	ft-in (mm)	1-6 / 5-2 (452/1573)
J	Load over height	ft-in (mm)	4-2 / 7-10 (1268/2392)
K	Height over skip (tipped)	ft-in (mm)	6-1 / 10-0 (1865/3037)
L	Skip tip angle	Degrees	90
M	Discharge distance front	ft-in (mm)	1-3 (391)
	Discharge distance side	ft-in (mm)	-
	Turning radius to outside of skip	ft-in (mm)	8-11 (2712)
	Turning radius to outside of tyres	ft-in (mm)	8-5 (2559)
	Steering angle (+/-)	Degrees	39
	Oscillation	Degrees	15
N	Height to top of ROPS (with/without beacon)	ft-in (mm)	9-2 / 8-6 (2792/2602)
O	Height with folded ROPS	ft-in (mm)	5-4 (1624)
P	Height with folded ROPS/FOPS	ft-in (mm)	-

**CAPACITIES**

Payload	lbs (kg)	2205 (1000)
Operating Weight	lbs (kg)	3583 (1625)
Tipping type		Front tip – High tip
Skip Capacity (fluid)	cu yds (L)	0.40 (307)
Skip Capacity (struck)	cu yds (L)	0.59 (454)
Skip Capacity (heaped)	cu yds (L)	0.72 (554)

**TRANSMISSION**

Type	Hydrostatic motor via transfer box to front and rear axles	
Tire Size	255 / 75 x 15.3 x 8 ply	
Drive	Hydrostatic 1/1	
Max. travel speed (unladen) 1st gear	mph (kph)	7.4 (11.9)

**ELECTRICAL SYSTEM**

System voltage	V	12
Alternator output	A	40
Battery capacity	Ah	80

**SERVICE FILL CAPACITIES**

Hydraulic tank	gal (L)	7.40 (28)
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**BRAKING**

Working brake	Hydrostatic dynamic braking on rear wheel motors
Parking brake	Hydrostatic dynamic braking on rear wheel motors

**CHARGING**

On-board charger allowing direct connection to AC mains power supply	
Indicative Charge Time - 20-80%, subject to environmental conditions.	2hr 35min (@230V)
Off-board fast charge - 0-100% @ 415V	1hr 40min
Charging cable plug type	16A 110V (yellow)
	16A 230V (blue)
	16A 415V (red)

**MOTOR**

Motor Type	3 Phase AC Permanent Magnet
Motor Power	7kW continuous, 20kW peak

**POWER SOURCE**

Battery Type	Manganese laminated Lithium-ion
Gross Capacity	10 kWh
System Voltage	48V
Zero Emissions at point of use	



100% electric. Zero emissions.

Your nearest JCB dealer

### Electric Dumper 1TE

Payload: 1 Ton Operating weight: 3,583lbs Battery capacity: 10kWh

### JCB North America

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Download the very latest information on this product range at [www.jcb.com](http://www.jcb.com)

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