

## SPECIFICATION

JCB E-TECH



### ELECTRIC DUMPER | ITE, 3TE

Max. operating weight: 2,290kg Max. payload: 3,000kg Max. battery capacity: 20kWh

JCB

# 100% electric. Zero emissions.

As part of our commitment to sustainable innovation, we've expanded our range of electric machines with the 3TE, a 3-tonne capacity site dumper. With the same performance, versatility and reliability as its diesel equivalent, the 100% electric, zero emission 3TE joins the existing ITE to form part of the construction equipment of the future, today.



## INDUSTRY'S SAFEST

Roll over protection system (ROPS), two-step drive inhibit system and non-removable batteries keep your machine secure and ensure the safety of operators and bystanders.

## MAXIMUM RELIABILITY

The ITE and 3TE have multiple charging options, providing you with enough battery capacity to complete a typical working day.

## ZERO EMISSIONS

The existing ITE and the new 3TE are fully electric, designed to work safely in urban, air quality sensitive environments, indoors and in enclosed spaces.



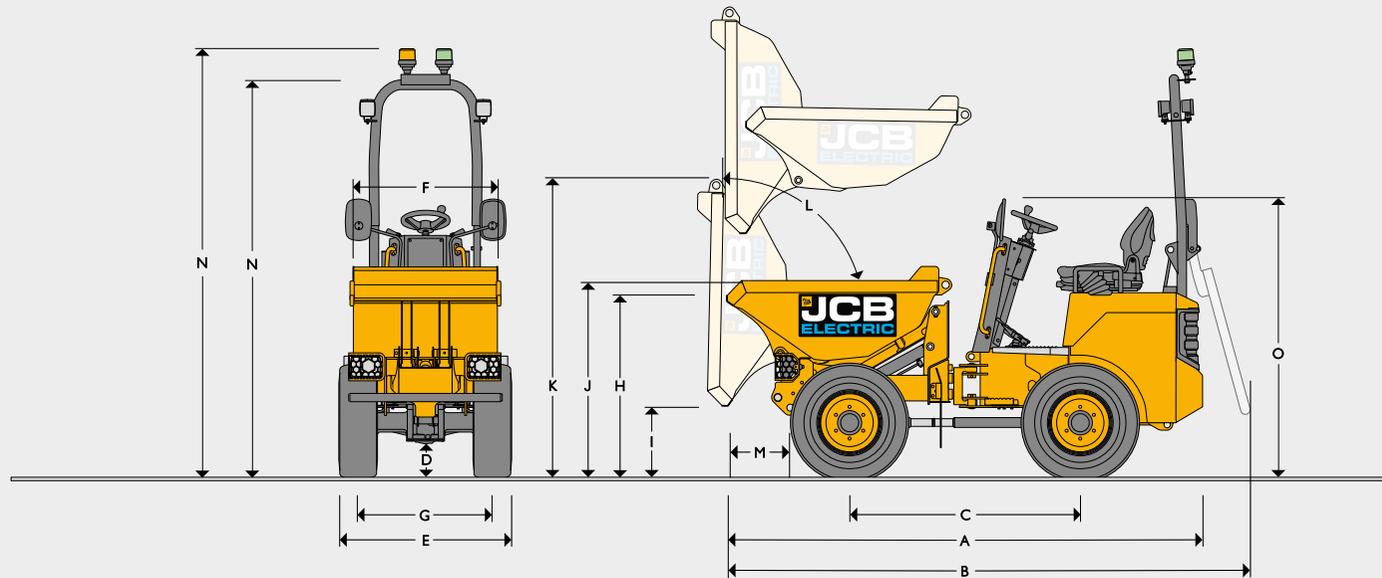
## GREATER COMFORT

With a modern operator station, multi-function display screen and minimal machine noise, the ITE and 3TE dumpers are designed with maximum comfort in mind.

## ULTIMATE VERSATILITY

A high-tip skip on the ITE and swivel-tip skip on the 3TE allow effective working across different applications, whether tipping into skips or working in confined spaces.

## STATIC DIMENSIONS



Machine		ITE	3TE	
A	Overall length	mm	3095	3928
B	Overall length (ROPS or FOPS folded)	mm	3408	4360
C	Wheelbase	mm	1500	1950
D	Minimum ground clearance	mm	217	228
E	Total width (Standard/Narrow tyres)	mm	1126	1655
F	Skip width	mm	980	1656
G	Track width (Standard/Narrow tyres)	mm	870	1360
I	Height to front lip of skip (untipped)	mm	1135/2255	1467
H	Height to front lip of skip (tipped)	mm	458/1567	853
J	Load over height	mm	1268/2392	1566
K	Height over skip (tipped)	mm	1845/3032	2861
L	Skip tip angle	degrees	90	67
M	Discharge distance front (lowered/raised)	mm	403/276	549
	Discharge distance side	mm	-	325
	Turning radius to outside of skip	mm	2727	4555
	Turning radius to outside of tyres	mm	2722	4482
	Steering angle (+/-)	degrees	39	30
	Oscillation	degrees	15	10.5
N	Height to top of ROPS (with/without beacon)	mm	2767/2602	2991/2835
O	Height with folded ROPS	mm	1624	1913

CAPACITIES			
Machine		ITE	3TE
Payload	kg	1000	3000
Front axle laden		1645	3500
Rear axle laden		985	1790
Operating weight	kg	1625	2290
Tipping type		Front tip – high tip	Swivel tip
Skip capacity (fluid)	l	307	930
Skip capacity (struck)	l	454	1237
Skip capacity (heaped)	l	554	1615

TRANSMISSION			
Machine		ITE	3TE
Type		Single-speed drop box with mechanical drive to front/rear axles	Electrical motor via transferbox to front/rear axles
Tyre size		255 / 75 x 15.3 x 8 ply	295 / 80 x 15.3 x 10 ply
Drive		Permanent 4 wheel drive	Permanently 4 wheel drive
Max. travel speed (unladen) 1st gear	mph (kph)	7.4 (11.9)	9.4 (15.0)

ELECTRICAL SYSTEM			
Machine		ITE	3TE
System voltage	V	12	12
Battery capacity	Ah	62	62

SERVICE FILL CAPACITIES			
Machine		ITE	3TE
Hydraulic tank	l	28	35
Axle oil (front)	l	3.2	4.1
Axle oil (rear)	l	3.9	4.7

BRAKING			
Machine		ITE	3TE
Working brake		Multi-plate in-board oil immersed discs on front axle	Multi-plate in-board oil immersed discs on front axle
Parking brake		Over centre handbrake with oil immersed discs on front axle	SAHR piston on front axle

CHARGING			
Machine		ITE	3TE
On-board charger allowing direct connection to AC mains power supply.			
Indicative Charge Time - 20-80%, subject to environmental conditions.		2hr 35min (@230V)	8hr @ 230V
Off-board fast charge - 0-100% @ 415V		1hr 40min	2hr
Charging cable plug type		16A 110V (yellow) 16A 230V (blue) 16A 415V (red)	16A 110V (yellow) 16A 230V (blue) 16A 415V (red)

MOTOR			
Machine		ITE	3TE
Drive motor type		3 Phase AC Permanent Magnet	3 Phase AC Asynchronous
Drive motor power		7 kW continuous, 20 kW peak	9.1 kW continuous, 22.3 kW peak
Hydraulic motor type		3 Phase AC Permanent Magnet	3 Phase AC Permanent Magnet
Hydraulic motor power		4.5 kW continuous, 9 kW peak	4.6 kW continuous, 16.1 kW peak

POWER SOURCE			
Machine		ITE	3TE
Battery Type		Manganese laminated Lithium-ion	Manganese laminated Lithium-ion
Gross Capacity		10 kWh	20 kWh
System Voltage		48V	48V
Zero Emissions at point of use.			

NOISE AND VIBRATION			
Noise at the operator station (LpA)			70 dB
Noise emission from the machine (LWA)			86 dB
Whole body vibration (m/s <sup>2</sup> )			1.04
Hand-arm vibration (m/s <sup>2</sup> )			1.26









100% electric. Zero emissions.

Your nearest JCB dealer

### Electric Dumper ITE, 3TE

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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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