

## SPECIFICATION

JCB E-TECH



### ELECTRIC DUMPER | ITE

Payload: 1 Tonne Unladen weight: 1625kg 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 IT-E, 1 tonne 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 tonne, fully-electric dumper designed to work in urban, air quality sensitive environments and enclosed spaces.



## INDUSTRY'S SAFEST.

ROPS frame ensures operator safety, while the LED amber and green beacons, fitted as standard, alert pedestrians to 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.



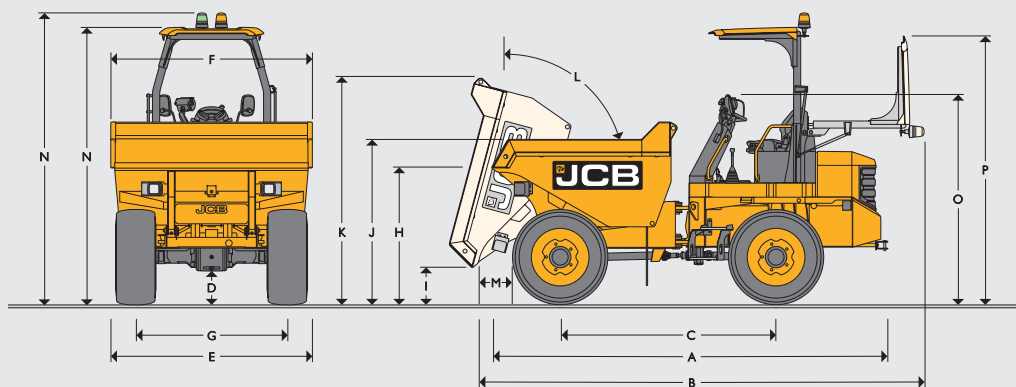
## KEEP MOVING.

Powered by robust, lithium-ion batteries and charged using the JCB zero emission power pack, the ITE will work a full day's shift.

## ULTIMATE VERSATILITY.

High-Tip skip allows the dumper to tip into skips and large containers. Compact design enables the machine to work in confined areas.

## STATIC DIMENSIONS



## STATIC DIMENSIONS AND CAPACITIES

|   |                                             |         |           |
|---|---------------------------------------------|---------|-----------|
| A | Overall length                              | mm      | 3095      |
| B | Overall length (ROPS or FOPS folded)        | mm      | 3403      |
| C | Wheelbase                                   | mm      | 1500      |
| D | Minimum ground clearance                    | mm      | 263       |
| E | Total width (Standard/Narrow tyres)         | mm      | 1126      |
| F | Skip width                                  | mm      | 980       |
| G | Track width (Standard/Narrow tyres)         | mm      | 860       |
| I | Height to front lip of skip (untipped)      | mm      | 1134/2259 |
| H | Height to front lip of skip (tipped)        | mm      | 452/1573  |
| J | Load over height                            | mm      | 1268/2392 |
| K | Height over skip (tipped)                   | mm      | 1865/3037 |
| L | Skip tip angle                              | °       | 90        |
| M | Discharge distance front                    | mm      | 391       |
|   | Discharge distance side                     | mm      | -         |
|   | Turning radius to outside of skip           | mm      | 2712      |
|   | Turning radius to outside of tyres          | mm      | 2559      |
|   | Steering angle (+/-)                        | degrees | 39        |
|   | Oscillation                                 | degrees | 15        |
| N | Height to top of ROPS (with/without beacon) | mm      | 2792/2602 |
| O | Height with folded ROPS                     | mm      | 1624      |
| P | Height with folded ROPS/FOPS                | mm      | -         |

## CAPACITIES

|                        |    |                      |
|------------------------|----|----------------------|
| Payload                | kg | 1000                 |
| Operating weight       | kg | 1625                 |
| Tipping type           |    | Front tip – high tip |
| Skip capacity (fluid)  | l  | 307                  |
| Skip capacity (struck) | l  | 454                  |
| Skip capacity (heaped) | l  | 554                  |

## TRANSMISSION

|                                      |                                                            |            |
|--------------------------------------|------------------------------------------------------------|------------|
| Type                                 | Hydrostatic motor via transfer box to front and rear axles |            |
| Tyre size                            | 255 / 75 x 15.3 x 8 ply                                    |            |
| Drive                                | Hydrostatic I/I                                            |            |
| 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 | l | 28 |
|----------------|---|----|

## 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)<br>16A 230V (blue)<br>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 ITE**

Payload: 1 Tonne Unladen weight: 1625kg Battery capacity: 10kWh

JCB Sales Limited, Rocester, Staffordshire, United Kingdom ST14 5JP.

Tel: +44 (0)1889 590312 Email: [salesinfo@jcb.com](mailto:salesinfo@jcb.com)

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

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