

KUBOTA CRAWLER DUMPER

KC70-4e

ELECTRICALLY
POWERED



Engine output:
126Ah



Machine weight:
540 kg



For Earth, For Life

Kubota

Dimensions and Performance

Undercarriage

• Crawler width	180 mm
• Bottom rollers for side	3
• Idler	spring-release with greased tensioner
• Brake	negative, integrate in drive gearboxes

Dimensions

• Max length (transport layout)	1934 mm, closed platform
• Max width (transport layout)	758 mm
• Machine height	1330 mm
• Max unloading height	450 mm

Performance

• Max Drive speed	first 2 km/h / second 4 km/h
• Max gradability	15°
• Capacity	truck volume 0.28 m ³
• Rated volume	0.34 m ³
• Max skip capacity	700 kg

Safety Standards (Conformity Assessment)

- EN 474-1 / EN474-6

Ergonomics of the controls

- An ignition and safety key protects the machine
- Moving the dumper is done with the right hand
- A sensor on the controls, avoids all involuntary movements
- The machine is equipped with two speeds
- The movement of the vessel is carried out with a lever
- A horn is present on the dashboard

Note

In general, the performance and dimensions are similar to the petrol or diesel equivalent model.

Battery Pack Technology

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Model name	KC70-4e
• Closed modules, plug and play	
• 44V 126Ah for 4,4kwh	
• New Technology LiMnCo (Nickel / Manganese / Cobalt)	
• High Stability discharge	
• Low weight, and high energy density	
• Long life 3000 cycles	
• DOD 80%	
• Automatic heater system	
The battery allows the machine to work a full day.	
We have a UBC (Universal fast external Battery Charger) sold with the machine, this works with the following power and tensions (3Kw and from 80V to 240V).	
The battery recharges to 80% in 1.5 hours with its charger (supplied) in a standard 3kW socket.	
The battery is 100% charged and does complete cell balancing in 3 hours with its charger.	

Motor Technology

Model name	KC70-4e
• IPM technology (Interior Permanent Magnet)	
• 48V AC	
• 300 A peak	
• 4000 rpm	
• With brake	
• IP67	
• High Efficiency	
• High Reliability	
Interior Permanent Magnet AC motors are more compact of traditional induction motors and have more than 94% efficiency.	
This engine can work in humid conditions without any problems.	

Service and Maintenance

Model name	KC70-4e
NO MAINTENANCE need for motor, battery and inverter.	
A simple and clear diagnostic system is installed as standard.	
The charger is sold with the machine.	

★ Specifications are subject to change without notice for purpose of improve.
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