## **E** LIUGONG **DR50CE**

G

.

MAX. GROSS MACHINE WEIGHT	88,500 kg
NET MACHINE WEIGHT	38,500 kg
PAYLOAD	50,000 kg
MOTOR TYPE	HL001
RATED POWER	500 kW (671 hp / 680 ps) @ 1,050 rpm
STRUCK CAPACITY	27 m <sup>3</sup>
Heaped Capacity (SAE 2:1)	35 m3

BATTERY ELECTRIC VEHICLE

TOUGH WORLD. TOUGH EQUIPMENT.

DRSCCE

## **DR50CE** SPECIFICATIONS >>>

DRIVE MOTOR	
Motor Type	Permanent magnet synchronous motor
Rated / Peak Power	500 kW (671 hp / 680 ps) / 1,200 kW (1,609 hp/1,632 ps))
Rated / Peak Speed	1,050/3,000 rpm
Cooling Mode	Water
OIL PUMP MOTOR	
Rated / Peak Power	60 kW (80 hp / 82 ps)/ 110 kW (148 hp/150 ps) @ 60 s
Rated / Peak Torque	275 kW (369 hp / 374 ps) / 500 kW (671 hp / 680 ps) @ 60 s
Cooling Mode	300 kw (07 mp / 880 ps) @ 80 s Water
WEIGHT DISTRIBUTION	Fuent cules 400/
Empty Load	Front axle: 49% Rear axle: 51%
Full Load	Front axle: 36% Rear axle: 64%
Working Environment Temperature	-40~55°C
Relative Humiditv of working Environment	0-100%
Continuous Climbing Ca- pacity (8% Gradient,2% Rolling Resistance)	Load: > 17 km/h Unload: > 36 km/h
Max. Gradeability	≥33%
POWER BATTERY	
Battery Type	Lithium iron phosphate
Battery Capacity	423 kWh
Voltage Platform	618 V

Heating	Mode
RDAVING	

Cooling Mode

Braking Type	Service brake / Parking/ Emergency / Electric braking
Service Brake Type	Front dry and rear wet
Braking Distance	<12.3m
Service Braking Capacity (Full Load)	25%
Parking Braking Capacity (Full Load)	15%
Park Braking Gradeability (Load)	>15%



Guangxi Liugong Machinery Co., Ltd. No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China T: +86 772 3886124 E: overseas@liugong.com

www.liugong.com

TIRE AND RIN Tire Size 21.00-35/E4 Rim 15.00/3.0-35 Double DC Charge Mode Charging Current 500 A **Charging Power** 360 kW (483 hp / 489 ps) Charging Time (SOC20%) 60 min Full hydraulic dynamic load **ISteering System** sensing **Turning Radius** <9,228 mm Max. Steering Angle 38° Heavy duty, fully floating axle Mode shaft Suspension Nitrogen gas / Oil suspension **Total Reduction Ratio** 19.8 **Overall Length** 8.896 mm Overall Width 5,341 mm **Overall Height** 4,271 mm Loading Height 3,902 mm HOIST SYSTEM Н

Hoist Mode	External double cylinder frame
Raise Time	<15s
Lower Time	<12 s





02/2025 Designed by LiuGong Replace the previous versions of 06/2024

Specifications and designs are subject to change without notice. Machines shown may include optional equipment. LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Water

Membrane + Water