

# THE FUTURE OF MACHINERY



- Zero emissions
- Up to 250kW power
- Fuel cost conservation of more than 60%

**MADE FOR AUSTRALIAN CONDITIONS**



**PURE ELECTRIC LOADER**  
**XC968-EV**

Product Specifications

OPERATING WEIGHT  
21,600 kg

RATED POWER  
270 kW

BUCKET CAPACITY  
3.2m<sup>3</sup>

BATTERY  
CATL 282 kW/h

# XC968-EV

## Pure Electric Loader

### DIMENSIONS & SPECIFICATIONS

**BROOKS**  
EQUIPMENT



Scan to view the XC968-EV product brochure

#### PRODUCT HIGHLIGHTS

##### ■ INCREASED POWER OUTPUT

With 280kW rated power, the XC968-EV supplies 10 percent more power than that of fuel loaders in the same class.

##### ■ COST PERFORMANCE

With a fuel cost conservation of more than 60 percent, the longer the machine is used, the higher the operating income becomes. Meanwhile, the simple structure of the pure electric system, ensures easy maintenance; saving time, materials, and labour costs.

##### ■ ENERGY EFFICIENT

Transmission efficiency is improved by more than 20 percent through braking energy recovery, when compared to traditional loaders.

##### ■ ENVIRONMENTAL PROTECTION

Configured with a pure-electric system, the XC968-EV produces zero emissions and lowers noise by 10-20dB, when compared to traditional loaders.

#### MAIN SPECIFICATIONS

##### BATTERY

Type	Lithium iron phosphate
Model	CATL 282 kW/h
Rated Power	270 kW
Voltage	618 V

##### MAIN PERFORMANCE

Travel Speed (Forward I/II)	18/36 km/h
Travel Speed (Reverse I/II)	18/36 km/h
Rated Load	5800 kg
Maximum Breakout Force	170 kN
Maximum Traction Force	174 kN
Total Cycle Time	9.7 s

##### NOISE

Near Driver's Ear	≤70 dB (A)
Radiation Noise	≤100 dB (A)

##### STANDARD

Bucket Capacity	3.2m <sup>3</sup>
Tyre Specification	23.5 - 25

##### DIMENSIONS

Overall Length	8660 mm
Overall Width	2996 mm
Overall Height	3475 mm
Overall Width of Chassis	2875 mm
Min. Ground Clearance	418 mm
Bucket Width	2996 mm
Operating Weight	21600 kg

##### WORKING SCOPE

Dumping Height	3370 mm
Dumping Range	1200 mm
Wheelbase	3350 mm
Wheel Tread	2250 mm
Min. Turning Radius (Tyre Centre)	6005 mm
Steering Angle	40°
Tipping Load (Full Steering)	≥11600 kg
Unloading Height	3360 mm
Unloading Distance	1170 mm
Boom Lift Time	≤5 s
Total Cycle Time	≤10 s
Max. Gradeability	28°

