

# INDUSTRY LEADER IN HYBRID POWER



MADE FOR AUSTRALIAN CONDITIONS



## WHEEL LOADER **XC9150**

Product Specifications

OPERATING WEIGHT

**55,000 kg**

BATTERY

**4 x 280 kW**

BUCKET CAPACITY

**7.7m<sup>3</sup>**

ENGINE

**Cummins QSM15**

**563 kW @ 2100 rpm**

# XC9150

## WHEEL LOADER

### DIMENSIONS & SPECIFICATIONS

**BROOKS**  
EQUIPMENT



Scan to view the XC9150 product brochure

#### MAIN SPECIFICATIONS

<b>ENGINE</b>	
Model	Cummins QSM15
Type	In-line 6-cylinder, air to air intercooler, electric common
	563 kW @ 2100 rpm
Rated Power	563 kW
Max. Power	3000 Nm
Max. Torque	14.5 L
Displacement	

<b>OVERALL PARAMETERS</b>	
Operating Weight	55,000 kg
Bucket Capacity	7.7 m <sup>3</sup>
Rated Load	15,000 kg
Max. Breakout Force	370 kN
Tipping Load	Straight ≥ 42,000 kg
	Fully articulated ≥ 36,000 kg

<b>EIC SYSTEM</b>	
Whole Voltage Platform	600 V
Rated Power	4 x 145 kW
Max. Rated Power	4 x 280 kW
Max. Rated Output Torque	4 x 1205 Nm
Output Torque	4 x 3500 Nm
Battery Type	Power Mode
Power Battery Voltage	600 V
Hypobaric Electric System	118 kWh
DC Charging Port	240 kW
Electrical System Voltage (low)	24 V
Battery Voltage	24 V
<b>Walking Motor</b>	
Amount	4
Type	Permanent magnet synchronous motor
Single Rated Output Power	145 kW
Single Max. Output Power	280 kW

<b>Electric Generator</b>	
Amount	1
Type	Permanent magnet synchronous motor
Single Rated Output Power	350 kW
Single Max. Output Power	450 kW

Charging Pile	Single 150 kW (250A)
Charging Power	118 kWh
Charging Time	0.75 h

<b>DRIVELINE</b>	
Travel Speed	
FWD 1st / 2nd	12 / 32 km/h
RVS 1st / 2nd	12 / 32 km/h
Brake Distance	<14.22 m
Tyre	35/65R33
Min. Ground Clearance	570 mm

<b>CAB</b>	
Heating Power	8 kW
Cooling Power	4.5 kW

<b>SOUND</b>	
Sound Pressure Level	78 dB
Exterior Sound Power Level	106 dB

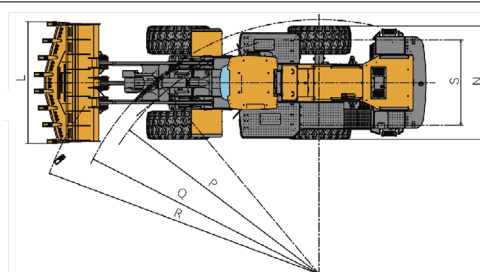
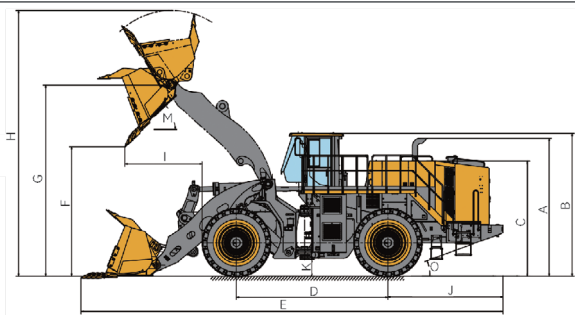
<b>HYDRAULIC SYSTEM</b>	
Pumps	Electric control pump
Rated Flow	145 ml/r
Control Valve	Electric-hydraulic proportional
System Pressure	30 MPa
<b>Operating Hydraulic Circuit</b>	
Lifting Cylinder	2 x 210 x 125 mm
Tipping Bucket Cylinder	1 x 260 x 140 mm
Brake System (Service, park, emergency brake)	Fully hydraulic

<b>AXLE</b>	
Drive System	Four-wheel independent drive
Front Axle	Fixed
Rear Axle	Central oscillation with 12° angle to each side
Reduction Gear	Planetary final drive in wheel hubs
Differential	Electrical differential

<b>STEERING SYSTEM</b>	
Type	Electric control pump
Rated Flow	145 ml/r
Hydraulic Cylinder	2 x 130 x 80 mm
System Pressure	21 MPa
Steering Angle	±40°

<b>SERVICE REFILLS</b>	
Diesel Engine Oil	600 L
Engine Oil	52 L
Reduction Gear	4 x 50 L
Hydraulic Gearbox	5 L
Coolant	120 L
Hydraulic Oil	300 L

<b>DIMENSIONS</b>		
A	Height to Top of Exhaust	4086 mm
B	Height to Top of Cab	4234 mm
C	Height to Top of Hood	3409 mm
D	Wheelbase	4500 mm
E	Overall Length	12538 mm
F	Dumping Height	3838 mm
G	Height to Hinge Pin, Fully Raised	5662 mm
H	Max. Lifting Height	7873 mm
I	Dumping Height	2292 mm
J	Length, Rear Axle to Bumper	3420 mm
K	Ground Clearance	505 mm
L	Bucket Width	3875 mm
M	Dumping Angle for Max. Lifting and Dumping	47°
N	Width Over Tyres	3606 mm
O	Departure Angle	20°
P	Turning Radius, Centre of Tyres	7622 mm
Q	Turning Radius, Outside of Tyres	8108 mm
R	Turning Radius, Over Bucket	9214 mm
S	Wheel Track	2710 mm



Materials and specifications in this brochure are subject to change without notice. Please speak with a Brooks Equipment Sales Representative for specifications of the physical unit.