

CASTLE

EC5000-LT4 SPECIFICATIONS

GENERAL DATA

Power Type (battery)	CATL Lithium-iron
Load capacity in lbs	5,500 lbs
Service weight in lbs	9,259 lbs
Battery compartment size	38"×25"×9"
Operator position	Seated
Mast type	Full Free 3-stage mast
Towing coupling design	Drop pin in the back

PERFORMANCE

Lift speed (Full Load)	19 in/s
Drop speed (Full load)	≤24 in/s
Mast tilt angle	6°/6°
Minimum turning radius	77"
Max grade with load	18%
Max grade without load	18%

WEIGHT

Total weight	9,259 lbs
Front axis load (Empty)	3,521 lbs
Back axis load (Empty)	5,739 lbs
Weight distribution full load front	12,899 lbs
Weight distribution full load rear	1,872 lbs
Weight distribution without load front	3,521 lbs
Weight distribution without load rear	5,739 lbs

TIRES

Tire type	Cushion
Number of wheels front/ rear	2/2
Tire dimensions front	21×8-15
Tire dimensions rear	16×6-10.5
Tire pressure front	NONE
Tire pressure rear	NONE
Track width between tires front	36"
Track width between tires rear	36"
Brake type parking	Mechanical-Hand Lever
Brake type foot	Drum Brake

POWER SYSTEM

Battery Voltage/Capacity	174V/173Ah
Electric Motor Drive	15kW
Electric Motor Load Handling	30kW
Control Type- Drive	AC
Control Type- Load Handling	AC
Control Type- Power Steering	AC
Max Operator Pressure	2,538 psi

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FULL FREE LIFT 3 STAGE

Max Fork Height (Top of Forks)	189"
Overall Height (Lowered)	86"
Overall Height (Extended)	231"
Free Lift	45"

EXTERIOR SPECIFICATIONS

A Lift height	189"
B Height from head guard	85"
C Lateral fork adjustment min/max	9"-41"
D Length of Forks	42"
E Overall width	44"
F Distance from front of forks to rear	128"
H Mast Height (Lowered)	86"
I Tow coupling height	12"
J Max height extended top of fork	231"
K Front wheel distance from center	36"
L Rear wheel distance from center	36"
M Distance from wheel center to axis	53"
N Center front tire to fork face	17"
O Center rear tire to rear	15"
P Ground clearance to frame no load	3.9"
Q Mast tilt angle front/ rear	6°/6°
R Minimum turning radius	77"

