

CASTLE

E8000-LT4 SPECIFICATIONS

GENERAL DATA

Power Type (battery)	Lithium-iron Battery
Load capacity in lbs	8,800 lbs
Service weight in lbs	13,228
Battery compartment size	38x28x21 in.
Operator position	Seated
Mast type	Full Free 3-stage mast
Towing coupling design	Drop pin in the back

PERFORMANCE

Lift speed (Full Load)	13in/s
Drop speed (Full load)	≤24 in/s
Mast tilt angle	6°/6°
Minimum turning radius	95"
Max grade with load	15%
Max grade without load	15%

WEIGHT

Total weight	13,228 lbs
Front axis load (Empty)	5,240 lbs
Back axis load (Empty)	7,436 lbs
Weight distribution full load front	19,127 lbs
Weight distribution full load rear	2,368 lbs
Weight distribution without load front	5,240 lbs
Weight distribution without load rear	7,436 lbs

TIRES

Tire type	Solid
Number of wheels front/ rear	2/2
Tire dimensions front	250-15-18
Tire dimensions rear	21x8-9-14
Tire pressure front	NONE
Tire pressure rear	NONE
Track width between tires front	39.7"
Track width between tires rear	39.4"
Brake type parking	Mechanical-Hand Lever
Brake type foot	Drum Brake

POWER SYSTEM

Battery Voltage/Capacity	80V/525Ah
Electric Motor Drive	18kW
Electric Motor Load Handling	13.5kW
Control Type- Drive	AC
Control Type- Load Handling	AC
Control Type- Power Steering	AC
Max Operator Pressure	2,611psi

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FULL FREE LIFT 3 STAGE

Max Fork Height (Top of Forks)	189"
Overall Height (Lowered)	90"
Overall Height (Extended)	235"
Free Lift	44"

EXTERIOR SPECIFICATIONS

A Lift height	189"
B Height from head guard	89"
C Lateral fork adjustment min/max	14-40"
D Length of Forks	48"
E Overall width	50"
F Distance from front of forks to rear	155"
H Mast Height (Lowered)	90"
I Tow coupling height	19"
J Max height extended top of fork	235"
K Front wheel distance from center	40"
L Rear wheel distance from center	39"
M Distance from wheel center to axis	69"
N Center front tire to fork face	20"
O Center rear tire to rear	19"
P Ground clearance to frame no load	5.7"
Q Mast tilt angle front/ rear	6°/6°
R Minimum turning radius	95"

