

CASTLE

E4000-LT3 SPECIFICATIONS

GENERAL DATA

Power Type (battery)	Lithium-iron Battery
Load capacity in lbs	4,409 lbs
Service weight in lbs	8,951 lbs
Battery compartment size	38×21×27in.
Operator position	Seated
Mast type	Full Free Lift 3 Stage
Towing coupling design	Drop pin in the back

PERFORMANCE

Lift speed (Full Load)	12 in/s
Drop speed (Full load)	≤24 in/s
Mast tilt angle	6°/6°
Minimum turning radius	67"
Max grade with load	15%
Max grade without load	15%

WEIGHT

Total weight	8,951 lbs
Front axis load (Empty)	3,373 lbs
Back axis load (Empty)	4,519 lbs
Weight distribution full load front	10,928 lbs
Weight distribution full load rear	1,373 lbs
Weight distribution without load front	3,373 lbs
Weight distribution without load rear	4,519 lbs

TIRES

Tire type	Solid
Number of wheels front/ rear	2/1
Tire dimensions front	18x7-8
Tire dimensions rear	16x6-8
Tire pressure front	NONE
Tire pressure rear	NONE
Track width between tires front	36.4"
Track width between tires rear	8.2"
Brake type parking	Mechanical-Hand Lever
Brake type foot	Wet Brake

POWER SYSTEM

Battery Voltage/Capacity	76.8V/280Ah
Electric Motor Drive	2x4.5kW
Electric Motor Load Handling	8.6kW
Control Type- Drive	AC
Control Type- Load Handling	AC
Control Type- Power Steering	AC
Max Operator Pressure	2,600psi

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FULL FREE LIFT 3 STAGE

Max Fork Height (Top of Forks)	189"
Overall Height (Lowered)	84"
Overall Height (Extended)	226"
Free Lift	48"

EXTERIOR SPECIFICATIONS

A Lift height	189"
B Height from head guard	81"
C Lateral fork adjustment min/max	13-38"
D Length of Forks	48"
E Overall width	43"
F Distance from front of forks to rear	131"
H Mast Height (Lowered)	84"
I Tow coupling height	24"
J Max height extended top of fork	226"
K Front wheel distance from center	36"
L Rear wheel distance from center	8"
M Distance from wheel center to axis	57"
N Center front tire to fork face	16"
O Center rear tire to rear	9"
P Ground clearance to frame no load	3.5"
Q Mast tilt angle front/ rear	6°/6°
R Minimum turning radius	67"

