

# CASTLE

## E4000-LT4 SPECIFICATIONS

### GENERAL DATA

Power Type (battery)	Lithium-iron Battery
Load capacity in lbs	4,409 lbs
Service weight in lbs	8,995 lbs
Battery compartment size	34x25x20"
Operator position	Seated
Mast type	Full Free 3-stage mast
Towing coupling design	Drop pin in the back

### PERFORMANCE

Lift speed (Full Load)	13 in/s
Drop speed (Full load)	≤18 in/s
Mast tilt angle	6°/6°
Minimum turning radius	82"
Max grade with load	15%
Max grade without load	15%

### WEIGHT

Total weight	9,590 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	2/2
Tire dimensions front	23x9-10-16
Tire dimensions rear	18x7-8-14
Tire pressure front	NONE
Tire pressure rear	NONE
Track width between tires front	40"
Track width between tires rear	37.4"
Brake type parking	Mechanical-Hand Lever
Brake type foot	Drum Brake

### POWER SYSTEM

Battery Voltage/Capacity	76.8V/280Ah
Electric Motor Drive	12kW
Electric Motor Load Handling	15kW
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)	85"
Overall Height (Extended)	231"
Free Lift	44"

### EXTERIOR SPECIFICATIONS

<b>A</b> Lift height	189"
<b>B</b> Height from head guard	87"
<b>C</b> Lateral fork adjustment min/max	13-38"
<b>D</b> Length of Forks	48"
<b>E</b> Overall width	49"
<b>F</b> Distance from front of forks to rear	139"
<b>H</b> Mast Height (Lowered)	85"
<b>I</b> Tow coupling height	18"
<b>J</b> Max height extended top of fork	231"
<b>K</b> Front wheel distance from center	40"
<b>L</b> Rear wheel distance from center	37"
<b>M</b> Distance from wheel center to axis	59"
<b>N</b> Center front tire to fork face	18"
<b>O</b> Center rear tire to rear	14"
<b>P</b> Ground clearance to frame no load	8"
<b>Q</b> Mast tilt angle front/ rear	6°/6°
<b>R</b> Minimum turning radius	82"

