

CASTLE

E7000-HDL SPECIFICATIONS

GENERAL DATA

Power Type (battery)	CATL Lithium-iron Battery
Load capacity in lbs	7,700 lbs
Service weight in lbs	11,748 lbs
Battery compartment size	30.7 x 27 x6.6 in.
Operator position	Seated
Mast type	Full Free 3-stage mast
Towing coupling design	Drop pin in the back

PERFORMANCE

Lift speed (Full Load)	17 in/s
Drop speed (Full load)	≤24 in/s
Mast tilt angle	6°/6°
Minimum turning radius	98"
Max grade with load	20%
Max grade without load	20%

WEIGHT

Total weight	11,748 lbs
Front axis load (Empty)	4,506 lbs
Back axis load (Empty)	7,064 lbs
Weight distribution full load front	17,108 lbs
Weight distribution full load rear	2,094 lbs
Weight distribution without load front	4,506 lbs
Weight distribution without load rear	7,064 lbs

TIRES

Tire type	Solid
Number of wheels front/ rear	2/2
Tire dimensions front	28x9-15-14
Tire dimensions rear	6.50-10-10
Tire pressure front	NONE
Tire pressure rear	NONE
Track width between tires front	39.4"
Track width between tires rear	38.2"
Brake type parking	Mechanical-Hand Lever
Brake type foot	Drum Brake

POWER SYSTEM

Battery Voltage/Capacity	309V/96Ah
Electric Motor Drive	30kW
Electric Motor Load Handling	30kW
Control Type- Drive	AC
Control Type- Load Handling	AC
Control Type- Power Steering	AC
Max Operator Pressure	2,611psi

CASTLE

E7000-HDL SPECIFICATIONS

FULL FREE LIFT 3 STAGE

Max Fork Height (Top of Forks)	189"
Overall Height (Lowered)	89"
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	15-40"
D Length of Forks	48"
E Overall width	48"
F Distance from front of forks to rear	151"
H Mast Height (Lowered)	89"
I Tow coupling height	18"
J Max height extended top of fork	235"
K Front wheel distance from center	39"
L Rear wheel distance from center	39"
M Distance from wheel center to axis	67"
N Center front tire to fork face	19"
O Center rear tire to rear	23"
P Ground clearance to frame no load	7"
Q Mast tilt angle front/ rear	6°/6°
R Minimum turning radius	98"

