

CASTLE

LPC5000 SPECIFICATIONS

GENERAL DATA

Power source	Propane
Load capacity in lbs	5,500 lbs
Service weight in lbs	9,392 lbs
Operator position	Seated
Mast type	Full free 3-stage mast
Towing coupling design	Drop pin in the back

PERFORMANCE

Lift speed (Full Load)	20.9 in/s
Drop speed (Full load)	≤23.6 in/s
Mast tilt angle	6°/6°
Top speed forward	6.5°/s
Top speed back	15°/s
Minimum turning radius	83"
Max grade with load	20%
Max grade without load	20%

WEIGHT

Total weight	9,392 lbs
Front axis load (Empty)	3,254 lbs
Back axis load (Empty)	5,296 lbs
Weight distribution full load front	86%
Weight distribution full load rear	14%
Weight distribution without load front	38.10%
Weight distribution without load rear	61.90%

TIRES

Tire type	Cushion Tire
Number of wheels front/ rear	2/2
Tire dimensions front	21x7x15
Tire dimensions rear	16(1/4)x6x11(1/4)
Tire pressure front	NONE
Tire pressure rear	NONE
Track width between tires front	35.5"
Track width between tires rear	35.4"
Brake type parking	Mechanical-Hand Lever
Brake type foot	Drum Brake

ENGINE **Hyundai L4KB**

Rated output	56hp / 2700rpm
Lubrication system	Fully forced pressure feed type
Displacement	2.488L
Number of cylinders/ cubic capacity	4
Max torque at engine Speed	136 ft lbs / 1,350rpm
Battery voltage v/capacity	13.5V/90Ah
Noise level in decibels	90dB

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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

A Lift height	189"
B Height from head guard	82"
C Lateral fork adjustment min/max	13-38"
D Length of Forks	48"
F Distance from front of forks to rear	141"
G Overall width	43"
H Mast Height (Lowered)	85"
I Tow coupling height	22"
J Max height extended top of fork	231"
K Front wheel distance from center	35.5"
L Rear wheel distance from center	35.4"
M Distance from wheel center to axis	55"
N Center front tire to fork face	18"
O Center rear tire to rear	20"
P Ground clearance to frame no load	6.3"
Q Mast tilt angle front/ rear	6°/6°
R Minimum turning radius	83"

