

# CASTLE

## LP5000-BCF SPECIFICATIONS

### GENERAL DATA

Power source	Propane
Load capacity in lbs	5,500 lbs
Service weight in lbs	9,636 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	89"
Max grade with load	20%
Max grade without load	20%

### WEIGHT

Total weight	9,636 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	Solid
Number of wheels front/ rear	2/2
Tire dimensions front	7.00-12-12
Tire dimensions rear	6.00-9-10
Tire pressure front	NONE
Tire pressure rear	NONE
Track width between tires front	38.2"
Track width between tires rear	38.2"
Brake type parking	Mechanical-Hand Lever
Brake type foot	Drum Brake

### ENGINE **Hyundai L4KB**

Rated output	61hp / 2600rpm
Lubrication system	Fully forced pressure feed type
Displacement	2.359L
Number of cylinders/ cubic capacity	4
Max torque at engine Speed	134 ft lbs / 1,600rpm
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

<b>A</b> Lift height	189"
<b>B</b> Height from head guard	81"
<b>C</b> Lateral fork adjustment min/max	13-38"
<b>D</b> Length of Forks	48"
<b>F</b> Distance from front of forks to rear	144"
<b>G</b> Overall width	45"
<b>H</b> Mast Height (Lowered)	85"
<b>I</b> Tow coupling height	22"
<b>J</b> Max height extended top of fork	231"
<b>K</b> Front wheel distance from center	38"
<b>L</b> Rear wheel distance from center	38"
<b>M</b> Distance from wheel center to axis	63"
<b>N</b> Center front tire to fork face	18"
<b>O</b> Center rear tire to rear	15"
<b>P</b> Ground clearance to frame no load	6.7"
<b>Q</b> Mast tilt angle front/ rear	6°/6°
<b>R</b> Minimum turning radius	89"

