

# CASTLE

## D7000 SPECIFICATIONS

GENERAL DATA		D7000-FT	D7000-PT
Power source		Diesel	Diesel
Fuel capacity		16 Gal	16 Gal
Load capacity in lbs		7,700 lbs	7,700 lbs
Service weight in lbs		11,440 lbs	11,220 lbs
Operator position		Seated	Seated
Mast type		Full free 3-stage mast	Full free 3-stage mast
Towing coupling design		Drop pin in the back	Drop pin in the back
PERFORMANCE		D7000-FT	D7000-PT
Lift speed (Full Load)		17.3 Inch/Second	17.3 Inch/ Second
Drop speed (Full load)		≤23.6 Inch/Second	≤23.6 Inch/ Second
Mast tilt angle		6°/6°	6°/6°
Top speed forward		6.5°/s	6.5°/s
Top speed back		15°/s	15°/s
Minimum turning radius		97"	97"
Max grade with load		20%	20%
Max grade without load		20%	20%
WEIGHT		D7000-FT	D7000-PT
Total weight		11,440 lbs	11,220 lbs
Front axis load (Empty)		3,644 lbs	3,483 lbs
Back axis load (Empty)		6,433 lbs	6,327 lbs
Weight distribution full load front		88.80%	89.30%
Weight distribution full load rear		11.20%	10.70%
Weight distribution without load front		36.20%	35.50%
Weight distribution without load rear		63.80%	64.50%
TIRES		D7000-FT	D7000-PT
Tire type		Solid	Pneumatic
Number of wheels front/ rear		2/2	2/2
Tire dimensions front		28X9-15-14	28x9-15-14PR
Tire dimensions rear		6.50-10-10	6.50-10-10PR
Tire pressure front		NONE	120psi
Tire pressure rear		NONE	115psi
Track width between tires front		39.4"	39.4"
Track width between tires rear		38.2"	38.2"
Brake type parking		Mechanical-Hand Lever	Mechanical-Hand Lever
Brake type foot		Drum Brake	Drum Brake
ENGINE Mitsubishi D04EG		D7000-FT	D7000-PT
Rated output		48hp / 2250rpm	48hp / 2250rpm
Combustion system		Direct injection	Direct injection
Lubrication system		Fully forced pressure feed type	Fully forced pressure feed type
Displacement		3.331L	3.331L
Number of cylinders/ cubic capacity		4	4
Max torque at engine Speed		131 ft lbs / 1800rpm	131 ft lbs / 1800rpm
Battery voltage v/capacity		12V/120 Ah	12V/120 Ah
Noise level in decibels		92dB	92dB

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### FULL FREE LIFT 3 STAGE

### D7000-FT

### D7000-PT

Max Fork Height (Top of Forks)	189"	189"
Overall Height (Lowered)	89"	89"
Overall Height (Extended)	235"	235"
Free Lift	43"	43"

### EXTERIOR SPECIFICATIONS

### D7000-FT

### D7000-PT

<b>A</b> Lift height	189"	189"
<b>B</b> Height from head guard	85"	85"
<b>C</b> Lateral fork adjustment min/max	15-40"	15-40"
<b>D</b> Length of Forks	48"	48"
<b>F</b> Distance from front of forks to rear	157"	157"
<b>G</b> Overall width	48"	48"
<b>H</b> Mast Height (Lowered)	89"	89"
<b>I</b> Tow coupling height	22"	22"
<b>J</b> Max height extended top of fork	235"	235"
<b>K</b> Front wheel distance from center	39"	39"
<b>L</b> Rear wheel distance from center	38"	38"
<b>M</b> Distance from wheel center to axis	67"	67"
<b>N</b> Center front tire to fork face	19"	19"
<b>O</b> Center rear tire to rear	23"	23"
<b>P</b> Ground clearance to frame no load	7"	7"
<b>Q</b> Mast tilt angle front/ rear	6°/6°	6°/6°
<b>R</b> Minimum turning radius	97"	97"

