

CASTLE

D7000 SPECIFICATIONS

GENERAL DATA	D7000-FT	D7000-PT
Power source	Diesel	Diesel
Fuel capacity	16 Gal	16 Gal
Load capacity in lbs	7,716 lbs	7,716 lbs
Service weight in lbs	11,464 lbs	11,244 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	11,464 lbs	11,244 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

CASTLE

D7000 SPECIFICATIONS

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

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

