

CASTLE

D5000 SPECIFICATIONS

GENERAL DATA	D5000-FT	D5000-PT
Power source	Diesel	Diesel
Fuel capacity	16 Gal	16 Gal
Load capacity in lbs	5,512 lbs	5,512 lbs
Service weight in lbs	9,656 lbs	9,414 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	D5000-FT	D5000-PT
Lift speed (Full Load)	20.9 Inch/Second	20.9 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	90"	90"
Max grade with load	20%	20%
Max grade without load	20%	20%
WEIGHT	D5000-FT	D5000-PT
Total weight	9,656 lbs	9,414 lbs
Front axis load (Empty)	3,254 lbs	3,131 lbs
Back axis load (Empty)	5,296 lbs	5,225 lb
Weight distribution full load front	86%	86.30%
Weight distribution full load rear	14%	13.70%
Weight distribution without load front	38.10%	37.50%
Weight distribution without load rear	61.90%	62.50%
TIRES	D5000-FT	D5000-PT
Tire type	Solid	Pneumatic
Number of wheels front/ rear	2/2	2/2
Tire dimensions front	7.00-12-12	7.00-12-12PR
Tire dimensions rear	6.00-9-10	6.00-9-10PR
Tire pressure front	NONE	125 psi
Tire pressure rear	NONE	125 psi
Track width between tires front	38.2"	38.2"
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	D5000-FT	D5000-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

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D5000-PT

Max Fork Height (Top of Forks)	189"	189"
Overall Height (Lowered)	85"	85"
Overall Height (Extended)	231"	231"
Free Lift	44"	44"

EXTERIOR SPECIFICATIONS

D5000-FT

D5000-PT

A Lift height	189"	189"
B Height from head guard	84"	84"
C Lateral fork adjustment min/max	13-38"	13-38"
D Length of Forks	48"	48"
F Distance from front of forks to rear	150"	150"
G Overall width	45"	45"
H Mast Height (Lowered)	85"	85"
I Tow coupling height	22"	22"
J Max height extended top of fork	231"	231"
K Front wheel distance from center	38"	38"
L Rear wheel distance from center	38"	38"
M Distance from wheel center to axis	63"	63"
N Center front tire to fork face	18"	18"
O Center rear tire to rear	21"	21"
P Ground clearance to frame no load	6.7"	6.7"
Q Mast tilt angle front/ rear	6°/6°	6°/6°
R Minimum turning radius	90"	90"

