

CASTLE

D10 SPECIFICATIONS

GENERAL DATA

D10-FT

Power source	Diesel
Fuel capacity	34 Gal
Load capacity in lbs	11,000 lbs
Service weight in lbs	16,654 lbs
Operator position	Seated
Mast type	Full free 3-stage mast
Towing coupling design	Drop pin in the back

PERFORMANCE

D10-FT

Lift speed (Full Load)	15 in/s
Drop speed (Full load)	≤23.6in/s
Mast tilt angle	6°/6°
Top speed forward	6.5°/s
Top speed back	15°/s
Minimum turning radius	115"
Max grade with load	20%
Max grade without load	20%

WEIGHT

D10-FT

Total weight	16,689 lbs
Front axis load (Empty)	6,645 lbs
Back axis load (Empty)	8,259 lbs
Weight distribution full load front	89.10%
Weight distribution full load rear	10.90%
Weight distribution without load front	60.10%
Weight distribution without load rear	59.90%

TIRES

D10-FT

Tire type	Solid
Number of wheels front/ rear	2/2
Tire dimensions front	300-15-18
Tire dimensions rear	7.00-12-12
Tire pressure front	NONE
Tire pressure rear	NONE
Track width between tires front	46.5"
Track width between tires rear	46.9"
Brake type parking	Mechanical-Hand Lever
Brake type foot	Drum Brake

ENGINE Cummins QSF2.8

D10-FT

Rated output	73.8hp / 2500rpm
Combustion system	Direct Injection
Lubrication system	Fully forced pressure feed type
Displacement	2.8L
Number of cylinders/ cubic capacity	4
Max torque at engine Speed	170 ft lbs / 1600rpm
Battery voltage v/capacity	12V/120Ah
Noise level in decibels	92dB

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FULL FREE LIFT 3 STAGE

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Max Fork Height (Top of Forks)	189"
Overall Height (Lowered)	93"
Overall Height (Extended)	235"
Free Lift	49"

EXTERIOR SPECIFICATIONS

D10-FT

A Lift height	189"
B Height from head guard	92"
C Lateral fork adjustment min/max	16-51"
D Length of Forks	60"
F Distance from front of forks to rear	176"
G Overall width	57"
H Mast Height (Lowered)	93"
I Tow coupling height	18"
J Max height extended top of fork	235"
K Front wheel distance from center	46"
L Rear wheel distance from center	47"
M Distance from wheel center to axis	83"
N Center front tire to fork face	23"
O Center rear tire to rear	23"
P Ground clearance to frame no load	6"
Q Mast tilt angle front/ rear	6°/6°
R Minimum turning radius	115"

