

CASTLE

D 1 2 SPECIFICATIONS

GENERAL DATA

D 1 2

Power source	Diesel
Fuel capacity	33 Gal
Load capacity in lbs	13,200 lbs
Service weight in lbs	22,374 lbs
Operator position	Seated
Mast type	Full free 3-stage mast
Towing coupling design	Drop pin in the back

PERFORMANCE

D 1 2

Lift speed (Full Load)	19.7 Inch/Second
Drop speed (Full load)	≤23.6 Inch/Second
Mast tilt angle	6°/6°
Top speed forward	6.5°/s
Top speed back	15°/s
Minimum turning radius	128"
Max grade with load	20%
Max grade without load	20%

WEIGHT

D 1 2

Total weight	22,421 lbs
Front axis load (Empty)	7,718 lbs
Back axis load (Empty)	11,302 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

D 1 2

Tire type	Solid
Number of wheels front/ rear	2/2
Tire dimensions front	8.25-15-14
Tire dimensions rear	8.25-15-14
Tire pressure front	NONE
Tire pressure rear	NONE
Track width between tires front	58"
Track width between tires rear	67"
Brake type parking	Mechanical-Hand Lever
Brake type foot	Drum Brake

ENGINE Cummins QSF3.8

D 1 2

Rated output	73.8hp / 2500rpm
Combustion system	Direct injection
Lubrication system	Fully forced pressure feed type
Displacement	3.8L
Number of cylinders/ cubic capacity	4
Max torque at engine Speed	295 ft lbs / 1300rpm
Battery voltage v/capacity	12V/120 Ah
Noise level in decibels	92dB

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FULL FREE LIFT 3 STAGE

D 1 2

Max Fork Height (Top of Forks)	189"
Overall Height (Lowered)	90"
Overall Height (Extended)	235"
Free Lift	47"

EXTERIOR SPECIFICATIONS

D 1 2

A Lift height	189"
B Height from head guard	96"
C Lateral fork adjustment min/max	16-74"
D Length of Forks	72"
F Distance from front of forks to rear	183"
G Overall width	79"
H Mast Height (Lowered)	110"
I Tow coupling height	16"
J Max height extended top of fork	230"
K Front wheel distance from center	58"
L Rear wheel distance from center	67"
M Distance from wheel center to axis	89"
N Center front tire to fork face	23"
O Center rear tire to rear	24"
P Ground clearance to frame no load	8"
Q Mast tilt angle front/ rear	6°/6°
R Minimum turning radius	128"

