

CASTLE

DRT7000-4WD SPECIFICATIONS

GENERAL DATA

Power source	Diesel
Fuel capacity	21 Gal
Load capacity in lbs	7,700 lbs
Service weight in lbs	14,740 lbs
Operator position	Seated
Mast type	Full Free Lift 3 Stage
Towing coupling design	Drop pin in the back

PERFORMANCE

Lift speed (Full Load)	19 in/s
Drop speed (Full load)	15 in/s
Mast tilt angle	7°/9°
Top speed forward	15°/s
Top speed back	12°/s
Minimum turning radius	172"
Max grade with load	30%
Max grade without load	20%

WEIGHT

Total weight	14,740 lbs
Front axis load (Empty)	5,842 lbs
Back axis load (Empty)	7,165 lbs
Weight distribution full load front	88%
Weight distribution full load rear	12%
Weight distribution without load front	45%
Weight distribution without load rear	55%

TIRES

Tire type	Pneumatic Tire
Number of wheels front/ rear	2/2
Tire dimensions front	405/70-20PR
Tire dimensions rear	10.0/75-15.3PR
Tire pressure front	80psi
Tire pressure rear	68psi
Track width between tires front	55.5"
Track width between tires rear	58.4"
Brake type parking	Caliper Disc
Brake type foot	Wet Multi-Disc

ENGINE Cummins QSF2.8

Rated output	66hp /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

Max Fork Height (Top of Forks)	189"
Overall Height (Lowered)	94"
Overall Height (Extended)	236"
Free Lift	48"

EXTERIOR SPECIFICATIONS

A Lift height	189"
B Height from head guard	89"
C Lateral fork adjustment min/max	14-57"
D Length of Forks	48"
F Distance from front of forks to rear	176"
G Overall width	72"
H Mast Height (Lowered)	94"
I Tow coupling height	20"
J Max height extended top of fork	217"
K Front wheel distance from center	56"
L Rear wheel distance from center	58"
M Distance from wheel center to axis	78"
N Center front tire to fork face	28"
O Center rear tire to rear	24"
P Ground clearance to frame no load	13"
Q Mast tilt angle front/ rear	7°/9°
R Minimum turning radius	172"

