

UT5212 POWERPLATFORM®

Engine:

Model..... Cummins QSB 6.7
Type..... 4 Stroke, turbo charged diesel
Emissions..... US EPA Tier 3
Cylinders..... Inline 6
Displacement..... 409 in3 (6.7 l)
Horsepower per SAE J1995
Gross260 HP (194kW)
@ 2,500 rpm
Max Torque.....728 lb-ft (990 Nm)
@ 1,500 rpm
Torque Reserve33%

Transmission:

Model.....ZF 6 WG 210
Type.....Automated Powershift
Torque Converter.....Lock up all gears
Converter Ratio..... 1.785:1
Gears..... 6 Forward/3 Reverse
Forward Speeds - mph (kph)
1st.....3.60 (5.8)
2nd.....5.52 (8.9)
3rd.....8.8 (14.2)
4th.....13.6 (21.8)
5th.....21.0 (33.8)
6th.....32.0 (51.4)
Reverse Speed - mph (kph)
1st.....3.8 (6.1)
2nd.....9.3 (15.0)
3rd.....22.1 (35.5)
Interaxle differential - Proportional
Unlocked front/rear.....33%/66%
Locked front/rear.....50%/50%
Transfer Case..... Integral
PTO..... Engine driven

Axles:

Front model..... 20.80
Type..... Steer drive
Turn Angle.....40 deg
Gearing..... Double reduction
Final drive ratio..... 21.58:1
Differential..... Electro/Hydra locking
Mount..... Trunnion
Rear model..... 20.80
Type..... Steer drive
Turn Angle.....40 deg
Gearing..... Double reduction
Final drive ratio..... 21.58:1
Differential..... Electro/Hydra locking
Mount..... Trunnion

Brakes:

SystemDual circuit hydraulic
Axle Brakes..... Twin caliper hydraulic disc
Park Brake.....SAHR Driveline Disc

Suspension:

Front..... Swing arm with load
compensating hydraulic cylinders
axle trunnion oscillation
Rear..... Swing arm with load
compensating hydraulic cylinders

Steering:

Type..... Hydraulically operated
rear steer proportional to speed
Steering Modes..... Front steering only
Four wheel coordinated steer
Four wheel crab steer
Turning radius - curb to curb
Front only24.5' (7.5m)
Four wheel steer.....16.5' (5.0m)

Tires/Wheels:

Wheel20 x 30.5 steel disc
Tire
Type.....Michelin CargoXbib
Size.....600/60R30.5
Speed rating.....40 mph
Size.....high x width
58.9"(1.5 m) x 19.9"(0.6 m)

Frame:

Type..... Welded steel box construction
12.5 in (0.32 m) section height

Cab:

Type..... Forward control w/ full
frontal safety glass, welded steel
rubber mounted
Seating..... Air suspended driver seat
Cushioned passenger seat
Air conditioning.....21,000 Btu/hr
Heater.....34,000 Btu/hr
Steering..... Tilt/telescoping column
ROPS/FOPS.....Frame mounted aft cab
Lighting..... 14 cab mounted lights

Electrical:

System.....12V
Alternator.....160A Leece Neville
Starter..... 12V Delco
Batteries..... BCI Group 31
(2) x 900 CCA

Cooling System:

Type.....Power washable extruded
aluminum construction, rubber mounted
Cooling Fan 34.50" hydrostatically mod
plastic fan with periodic reversing

Dimensions:

Base vehicle w/o options
Overall length..... 19' 1" (5.8m)
Overall tire width..... 8' 6" (2.6m)
Overall height..... 12' (3.6m)
Wheelbase..... 12' (3.6m)
Approach/departure angle.....47 deg

Capacities:

Fuel tank - gal(l).....101(383)
Hydraulic reservoir - gal(l).....75(284)
Transmission - gal(l).....10 (38)

Weight:

Weight - base vehicle, approx.
Front 13,000 lb (5,909 kg)
Rear 10,500 lb (4,773 kg)
Weight Rating - <5 mph >5 mph
Front 35,000 lb 26,000 lb
Rear 35,000 lb 26,000 lb
Total 70,000 lb 52,000 lb

Standard Equipment:

- 43 gpm aux hydraulic closed center flow
- 4 front/rear hydraulic remotes with proportional flow control
- 15,000 lb tongue rear hitch
- Onboard total and cargo scale
- Side access service area - air filter, hydraulic filters, fuel filter, air dryer filter, shop air connector, & cab tilt pump.
- Easy access steps and walk platform
- Transport loops

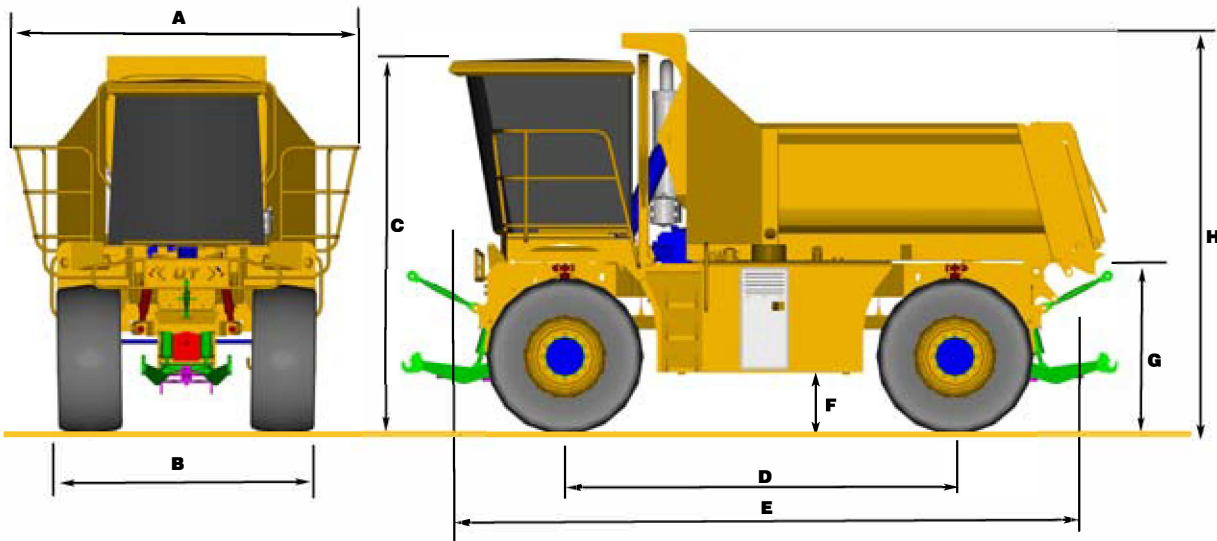
Optional Equipment:

- 50 gpm auxiliary hydraulic system flow
- Frt/rear Cat. IIIN 3-point Hitch - 11,000 lb
- Front PTO - 140 hp, 1,000 rpm
- Rear PTO - 220 hp, 1,000 rpm
- Hydraulic dump box - 12 yard struck
- 3' x 12' front sweeper
- 12' snow plow, 10' snow blower
- Strobe light bar
- HID lighting

Note: Custom Chassis, Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change.



STATIC DIMENSIONS



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DESCRIPTION		DIMENSION
A	Overall Width	137"
B	Overall Tire Width	102"
C	Overall Height Less Options	144"
D	Wheelbase	144"
E	Overall Length Less Options	229"
F	Ground Clearance	19"
G	Platform Height	60"
H	Overall Height with Dump Box	144"

