

Bobtail Truck Specification

CONVENTIONAL CAB & CHASSIS

Straight Truck Provision for Pickup and Delivery Short Haul Service

Truck Body Length: 26' 5" - 28' 7" / 317" - 343"

8 Percent Maximum Expected Grade

- Typical operation on most roads
- Steep inclines up to 20 percent for some routes

In-Transit Terrain Road Surface

- 70 - 100 percent smooth concrete or asphalt pavement
- 0 - 30 percent dirt or gravel

BARREL

3,000 Gallons
Length: 169 Inches
Height: 79" - 80.5" / CA 126"

3,200 Gallons
Length: 169" - 178"
Height: 79" - 80.5" / CA 132"

8 Percent Maximum Expected Grade

- Typical operation on most roads
- Steep inclines up to 20 percent for some routes

In-Transit Terrain Road Surface

- 70-100 percent smooth concrete or asphalt pavement
- 0-30 percent dirt or gravel

WHEELBASE & FRAME

Wheelbase: 194-208"

Frame Length Overall: 338"

Frame Rails: Powder Coated Steel Rails
11/32x3-1/2x10-15/16 Inch Frame
(8.73MMx277.8MM/0.344x10.94 Inch)
120KSI

Clear Frame Rail from Transmission PTO
Opening to 78"
Back of Cab

Back of Cab to Rear Suspension C/L (CA):
126" - 138"

Outboard Inside Below LH Rail
(No air tanks within area from 42" - 78" BOC)

Rear Frame Overhang: 66 - 100 Inches

Three-Piece 14 Inch Chromed Steel Bumper
with Collapsible Ends

Front Tow Hooks – Frame Mounted



GROSS VEHICLE WEIGHT CAPACITY: 33,000 LBS.

WHEELS

22.5x8.25 Accuride Steel Painted Standard
Options

- Polished aluminum
- Hub-pilot 10 bolt lugs

TIRES

Standard: 11R22.5
Options

- 295/75R low profile

TRANSMISSION

F Allison 3,000 RDS Automatic Transmission
with PTO Provision with Auto Neutral
Options

- 3,500 RDS Automatic Transmission with PTO Provision with Auto Neutral

Transmission Interface

ENGINE

260 HP @ 2,200 RPM
Options

- 270 HP @ 2,000 RPM
- 330 HP @ 2,000 RPM
- 339 HP @ 4,100 RPM (S2G comparison)

Torque

- 720 lb./ft. @ 1,300 RPM
- 880 lb./ft. @ 1,400 RPM
- 1,000 lb./ft. @ 1,400 RPM

Governor: 70 MPH road speed limit
Options

- 65 MPH road speed limit

AIR COMPRESSOR

18.7 CFM with Internal Safety Valve
Options

- 13.2 CFM with internal safety valve

EXHAUST SYSTEM

Stainless steel exhaust system
Curved horizontal tailpipe, RH or LH mount,
exiting forward of rear wheels

Options

Curved horizontal tailpipe, RH or LH mount,
exiting behind rear wheels

Vertical discharge mounted curb side of cab

PTO

Chelsea 270GAHVP-B5XD / CS (Clutch Shift)
Options

- Muncie HS24

Engine RPM Limit: 950 - 1,000 RPM

Brake Override: Service Brake Applied

PTO RPM with Cruise Set Switch:
900 - 1,000 RPM

PTO RPM with Cruise Resume Switch: 900
RPM

PTO Mode Cancel Vehicle Speed: 5 MPH

- Set cancel with disengagement of brakes and transmission in gear

PTO Governor Ramp Rate: 200 RPM/Sec

- Optional ON/OFF with no ramp rate

PTO Minimum RPM: 900 RPM

- Optional ON/OFF with no minimum RMP setting

BRAKES

Air Disk Brake Package

WABCO SS-1,200 Plus Air Dryer with
Integral Air Governor and Heater, Dryer
Mounted Under Hood

Options

- Air drum brake package
- Engine brake assist system
- Bendix AD-IP air dryer with integral air governor and heater, mounted to air tank reservoirs in driver step area

AXLES & SUSPENSION

Front Axle Load: 12,000 - 13,000 lbs.

- Maintenance free rubber bushings
- Front shock absorbers

Rear Drive Axle(s): 20,000 - 21,000 lbs.

- Ratio(s): 5.13 - 5.25 - 5.28 - 5.57 - 5.58
6.14 - 6.50 automatic / 4.33 manual
- Rear shock absorbers
- Driver controlled differential lock - axle lock

BATTERIES

CCA: 2 - 1,000

- Optional CCA range: 1,400 - 2,400 - 2,850

Single Battery Box, Frame Mounted,
LH or RH Under Cab

Wire ground return for battery cables with
additional frame ground return required master
cutoff switch: Cole Hersee manual switch, back
of cab, frame mounted, labeled for identification

Options

- Cole Hersee manual switch, battery box mount, labeled for identification
- Electronic master cutoff switch control, mounted interior driver side on floor area near drivers door, labeled for identification
- Jump posts, frame mounted, labeled for identification

ADDITIONAL PROPANE INDUSTRY OPTIONS

Enhanced Stability Control for rollover protection

Lane Departure Avoidance

Collision Avoidance

Rear Backing Cameras

Four Auxiliary Rocker Switches, mounted
in dash display, back lit for identification,
terminated behind the cab or end of frame

Two Wiring Harnesses:
(1) Multi-function engine connector
(2) Remote throttle and engine
shutdown functions

Body Manufacturer Electrical Junction Box,
sealed to protect against weather and
corrosion, mounted under hood or back of cab
for easy access to wiring and connections

Rear Facing Spotlights

Engine Interface

Heated and Power Mirrors

Right Fender Mounted Mirror

FOR MORE INFORMATION

To learn more about propane-powered forklifts and the Propane Education & Research Council, visit Propane.com.

THE PROPANE EDUCATION & RESEARCH COUNCIL was authorized by the U.S. Congress with the passage of Public Law 104-284, the Propane Education and Research Act (PERA), signed into law on October 11, 1996. The mission of the Propane Education & Research Council is to promote the safe, efficient use of odorized propane gas as a preferred energy source.

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