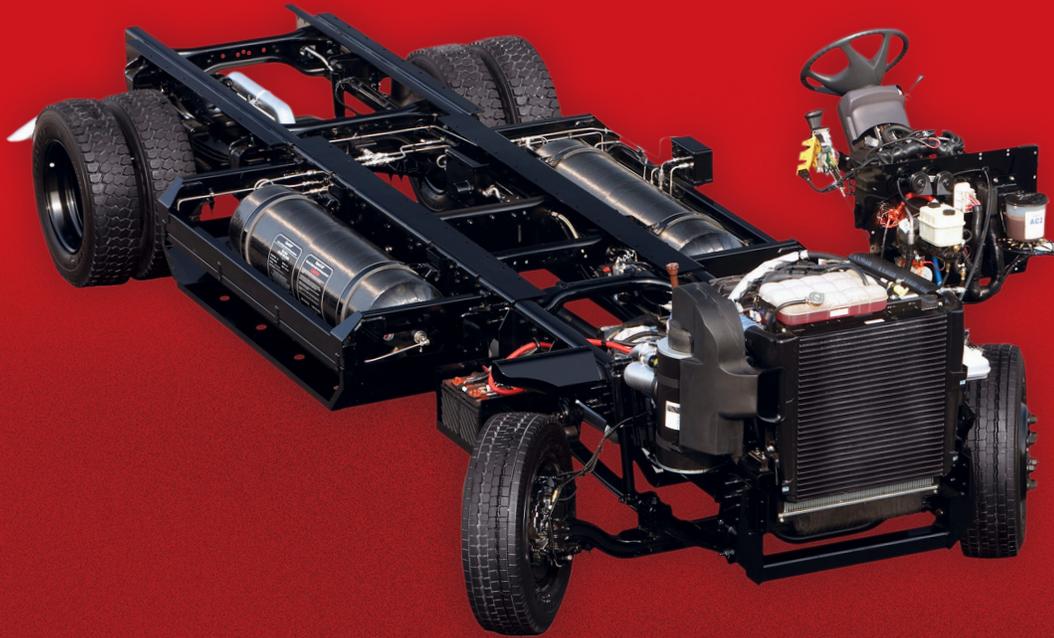


# CNG Power

## Walk-In Van Chassis



### **The Compressed Natural Gas (CNG) Walk-In Van Chassis from Freightliner Custom Chassis Corporation (FCCC)**

FCCC delivers the goods to businesses in major metropolitan areas, where reliability matters. And they do so while providing alternative fuel solutions. The benefits are immediate and long lasting:

- Significant reduction in emissions
- EPA-certified in all 50 states
- Dual 67" lightweight aluminum fuel cylinders with carbon fiber shells protected by a proprietary crash barrier and road-debris shield
- Industry-leading reliability and payload capacity
- MT-45 and MT-55 CNG chassis models available

# STANDARD FEATURES AND OPTIONS: MT-45 & MT-55 CNG CHASSIS

## Payload and Cargo Capacity to Spare

	MT-45 CNG CHASSIS	MT-55 CNG CHASSIS
<b>Vehicle Weight Ratings</b>	14,990 lb. to 19,000 lb. (dual rear wheel)	20,500 lb. to 30,000 lb.
<b>Engine</b>	<ul style="list-style-type: none"> <li>- GM LC8 6.0L V8 electronically controlled gasoline</li> <li>- 4 valve per cylinder</li> <li>- Bore and stroke 4.00 x 3.62</li> <li>- Displacement 364 cubic inches (6.0L)</li> <li>- Compression ratio 9:67:1</li> <li>- Total engine weight 539 lbs. dry</li> </ul>	<ul style="list-style-type: none"> <li>- GM LC8 6.0L V8 electronically controlled gasoline</li> <li>- 4 valve per cylinder</li> <li>- Bore and stroke 4.00 x 3.62</li> <li>- Displacement 364 cubic inches (6.0L)</li> <li>- Compression ratio 9:67:1</li> <li>- Total engine weight 539 lbs. dry</li> </ul>
Horsepower	308 HP @ 4,400 rpm	308 HP @ 4,400 rpm
Torque	367 ft. lbs. @ 4,400 rpm	367 ft. lbs. @ 4,400 rpm
Cooling system	690 sq. in. downflow, front-mounted radiator; pre-mixed 50/50 ethylene glycol antifreeze to -35° F; viscous	680 sq. in. downflow, front-mounted radiator; pre-mixed 50/50 ethylene glycol antifreeze to -35° F; viscous
Engine equipment	Forward-mounted oil check; frontal air intake with power core flat panel air cleaner mounted on rail; Denso® 12-volt starter; Delco Remy® 145-amp, 24SI alternator; 2 batteries 1300 CCA	Engine-mounted oil check; frontal air intake with power core flat panel air cleaner mounted on rail; Denso® 12-volt starter; Delco Remy® 145-amp, 24SI alternator; 2 batteries 1300 CCA
Optional engine equipment	<ul style="list-style-type: none"> <li>- Denso 130-amp alternator or Leece-Neville® 200-amp alternator</li> <li>- Phillips® 1,000-watt block heater</li> </ul>	<ul style="list-style-type: none"> <li>- Denso 130-amp alternator or Leece-Neville® 200-amp alternator</li> <li>- Phillips® 1,000-watt block heater</li> </ul>
<b>Transmission</b>	Allison® 1000 HS automatic with park pawl	Allison® 2100 HS series automatic
Optional transmission	Allison 1000 RDS automatic transmission with PTO with park pawl	Allison 2100, 2200, 2500 HS/RDS; Automatic 2200 with park pawl
<b>Exhaust</b>	Tailpipe exiting forward of rear axle, right-hand side	Tailpipe exiting forward of rear axle, right-hand side
<b>Axles</b>		
Front	DA F-8.0-2, 8,000 lb. front axle	DA F-8.0-2, 8,000 lb. front axle
Optional front axle	Meritor MFS-08, 8,000 lb. front axle	F-10.0-3, 10,000 lb. front axle
Rear	DA RS-13.0-2, 13,000 lb. rear axle; 4.10 ratio	RS-13.5-2, 13,500 lb. F-series rear axle; 4.10 ratio
Optional rear axle	Meritor MS-12-113, 12,000 lb. rear axle; dual rear wheel; axle ratios: 4.30, 4.56	ARS-17.5-2, 17,500 lb.; ARS-19.0-2, 19,000 lb.; ARS-20.0-2, 20,000 lb.; Axle ratios: 4.33 4.56, 4.78 and 5.13
<b>Suspension, Steering, Brakes</b>		
Front	Flat leaf-spring, 5,790 lb., shock absorbers; front sway bar	Taper leaf-spring, 7,000 lb., shock absorbers
Optional front suspension	6,000 lb. or 7,000 lb. flat leaf-spring	Taper leaf-springs, 8,000 lb., 9,000 lb. and 10,000 lb.
Rear	Flat leaf-spring, 9,200 lb., shock absorbers	Flat leaf-spring, 13,500 lb., shock absorbers
Optional rear suspension	Heavy-duty flat leaf-spring suspension rated 10,000 or 12,000 lb.; rear sway bar	Taper leaf-springs, 15,000 lb., 17,500 lb., 20,000 lb.
Steering	TRW® steering column and Sheppard MD83 steering gear; nominal 50° wheel cut (wheel cut will vary, based on optional equipment)	TRW® steering column, steering gear; nominal 50° wheel cut (wheel cut will vary, based on optional equipment)
Brakes	4-wheel 2.6" dual-piston hydraulic disc pin-slide brakes with ABS	4-wheel 2.6" dual-piston hydraulic disc brakes with ABS
<b>Tires</b>	225/70R 19.5", 12-ply	245/70R 19.5", 14-ply
<b>Wheels</b>	Accuride® 19.5" x 6" with 5" offset, white steel disc wheels, 6-ball seat	Accuride 19.5"x6.75", 8 hub-pilot steel disc brakes
Optional tires and wheels	Various available. Contact FCCC.	22.5" tires; 19.5" & 22.5" alum. wheels; 22.5" steel wheels
<b>Frame</b>	8.0" x 3.0" x 0.25", 50,000 PSI, 7.35 section modulus	5/16" x 2 13/16" x 9 1/8", 80,000 PSI, 10.8 section modulus
<b>Wheelbase</b>	158"	178"
Optional wheelbase	178", 190", 208"	158", 190", 218", 250", 276"
<b>Fuel System</b>	<ul style="list-style-type: none"> <li>- Dual lightweight aluminum cylinders with carbon fiber shells rated at 3,600 PSI</li> <li>- Stainless steel fuel and vent lines</li> <li>- Smart electronic fuel disconnect safety switch</li> <li>- Road-debris shield</li> </ul>	<ul style="list-style-type: none"> <li>- Dual lightweight aluminum cylinders with carbon fiber shells rated at 3,600 PSI</li> <li>- Stainless steel fuel and vent lines</li> <li>- Smart electronic fuel disconnect safety switch</li> <li>- Proprietary crash barrier and road-debris shield</li> </ul>
<b>Cab and Equipment</b>	Operator station; single electric horn; TRW straight, fixed steering column; four-spoke 18" charcoal steering wheel	Operator station; single electric horn; TRW straight, fixed steering column; four-spoke 18" charcoal steering wheel
Optional cab equipment	<ul style="list-style-type: none"> <li>- Tilt, tilt/telescopic TRW steering column</li> <li>- Cab A/C Prep Kit</li> </ul>	<ul style="list-style-type: none"> <li>- Tilt, tilt/telescopic TRW steering column</li> <li>- Cab A/C Prep Kit</li> </ul>
<b>Instrumentation</b>	Multiplex wiring instrument cluster; gauges include electronic fuel level, electronic engine coolant temperature, electronic engine-oil pressure, electronic speedometer with odometer, voltmeter, vehicle information display	Multiplex wiring instrument cluster; gauges include electronic fuel level, electronic engine coolant temperature, electronic engine-oil pressure, electronic speedometer with odometer, voltmeter, vehicle information display

See your local Freightliner dealer or call us at 1-800-545-8831 for details. You can also visit our web site at [freightlinerchassis.com](http://freightlinerchassis.com) or e-mail [mtsales@freightliner.com](mailto:mtsales@freightliner.com).

Specifications are subject to change without notice. Freightliner Custom Chassis Corporation is registered to ISO 9001. Copyright 2015, Daimler Trucks North America LLC. All rights reserved. Freightliner Custom Chassis Corporation is a subsidiary of Daimler Trucks North America LLC, a Daimler company. 10/15, FCC/MC-S-027