

# Gas-Powered Walk-In Van Chassis

## Payload. Power. Performance.



## Features & Benefits

As part of our pledge to help you consistently deliver more profit, we are proud to introduce a gasoline-powered chassis to our WIV product lineup, available on either the MT-45 or MT-55 chassis models. Offering a gross vehicle weight rating of up to 23,000 lb. and 308 horsepower, the new gas WIV chassis from FCCC is a powerful new performer, ready to take on large cargo and heavy-duty loads.

1. Durable full-section steel straight-rail frame is the strongest in the industry, reducing flex and bowing to minimize chassis stress while carrying up to 13,000 lb. of cargo
2. 40-gallon rectangular aluminized steel fuel tank means fewer fuel stops and enhanced safety
3. Allison® 1000 series or 2000 Series automatic transmission delivers smooth, precise shifting and increases fuel economy
4. Eight-cylinder 6.0-liter General Motors® engine is compliant with new EPA regulations and offers 308 horsepower, providing an excellent balance of power and fuel efficiency
5. New, enhanced instrumentation panel features larger messaging center display, increased driver's information display and improved backlighting, providing improved ergonomics, better reliability and easier maintenance
6. TRW® steering column and Sheppard steering gear features premium design package with 50-degree wheel cut, offering superb maneuverability and handling in tight spots
7. Flat-leaf front suspension with front sway bar provides a solid, smooth ride; flat-leaf rear suspension minimizes cargo shifts on uneven road surfaces
8. Premium 19.5" tires offer you an extra-wide and extra-deep tread to deliver superior handling and durability, as well as scrub-resistance
9. Spicer® SPL-70 Series driveshaft with grease zerks (optional SPL70 XL Lube for Life) increases reliability and reduces maintenance
10. New 4-piston hydraulic brakes for increased brake pad life

# STANDARD FEATURES AND OPTIONS WIV GAS CHASSIS

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	MT-45	MT-55
<b>Vehicle Weight Ratings</b>	14,990 lb. to 19,500 lb.	20,500 lb. to 23,000 lb.
<b>Engine</b>	General Motors® V8 6.0L	General Motors® V8 6.0L
Horsepower	308	308
Torque	367 lb.-ft.	367 lb.-ft.
Cooling system	690 sq. in. downflow, front-mounted radiator; viscous fan drive with radiator-mounted surge tank	690 sq. in. downflow, front-mounted radiator; viscous fan drive with radiator-mounted surge tank
Engine equipment	Engine-mounted oil check and fill; power core flat panel air cleaner; Denso® 12V starter; Delco Remy® 145-amp 1SV alternator; (1) Alliance 12V 700 CCA single battery	Engine-mounted oil check and fill; power core flat panel air cleaner; Denso® 12V starter; Delco Remy® 145-amp 1SV alternator; (1) Alliance 12V 700 CCA single battery
<b>Transmission</b>	Allison® 1000 series automatic with park pawl	Allison® 2200 HS series automatic
<b>Exhaust</b>	Single horizontal inboard muffler with tailpipe exiting aft of rear axle, right-hand side	Single horizontal inboard muffler with tailpipe exiting aft of rear axle, right-hand side
<b>Axles</b>		
Front	AAC® AF-8.0-2, 8,000 lb. front axle	AAC® AF-8.0-2, 8,000 lb. front axle
Rear	AAC ARS-13.0-2, 13,000 lb. rear axle; 4.56 ratio	AAC ARS-13.5-2, 13,500 lb. rear axle; 4.56 ratio
Optional rear axle	Axle ratio: 5.13	Axle ratios: 5.13 and 5.71
<b>Suspension, Steering, Brakes</b>		
Front	Flat-leaf spring, 6,000 lb., 7,000 lb. and 7,500 lb.	Taper-leaf spring, 7,000 lb., shock absorbers
Optional front suspension	Flat-leaf spring, 6,000 lb. and 7,500 lb.	Taper-leaf spring, 8,000 lb.
Rear	Flat-leaf spring, 9,200 lb.	Flat-leaf spring, 12,500 lb., 13,500 lb. and 15,000 lb.
Optional rear suspension	Heavy-duty flat-leaf spring suspension rated 10,000, 12,000 or 13,000 lb.; rear sway bar	Taper-leaf spring, 15,000 lb.
Steering: Sheppard Steering Gear	TRW® steering column and Sheppard Steering Gear; nominal 50° wheel cut (wheel cut will vary, based on optional equipment)	TRW® steering column and Sheppard Steering Gear; nominal 50° wheel cut (wheel cut will vary, based on optional equipment)
Brakes	4-wheel WEMC Hydraulic 4-piston Disc Brakes with ABS	4-wheel WEMC Hydraulic 4-piston Disc Brakes with ABS
<b>Tires</b>	225/70R 19.5"	245/70R 19.5"; optional 245/75R 22.5"
<b>Wheels</b>	19.5" x 6" with 5" offset, white steel disc wheels, 6-ball seat	19.5" x 6.75", 8 hub-pilot steel disc wheels
Optional wheels	19.5 x 6.75 8 Hub	22.5 x 7.30 8 Hub Alloy
<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>	138" to 208"	158" to 218"
<b>Fuel System</b>	40-gallon rectangular steel tank mounted between the rails; left-hand fill	40-gallon rectangular steel tank mounted between the rails; left-hand fill
<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	Tilt, tilt/telescopic TRW steering column Cab A/C Prep Kit	Tilt, tilt/telescopic TRW steering column Cab A/C Prep Kit
<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

Call Freightliner Custom Chassis Corporation at (800) 545-8831, or visit us on the Web at [freightlinerchassis.com](http://freightlinerchassis.com).

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