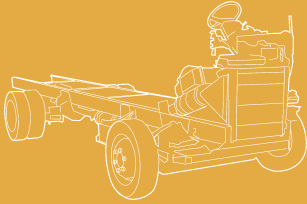


# FREIGHTLINER MT-55 SERIES CHASSIS

## MT-55 Series: The Optimum Heavy-Duty Chassis

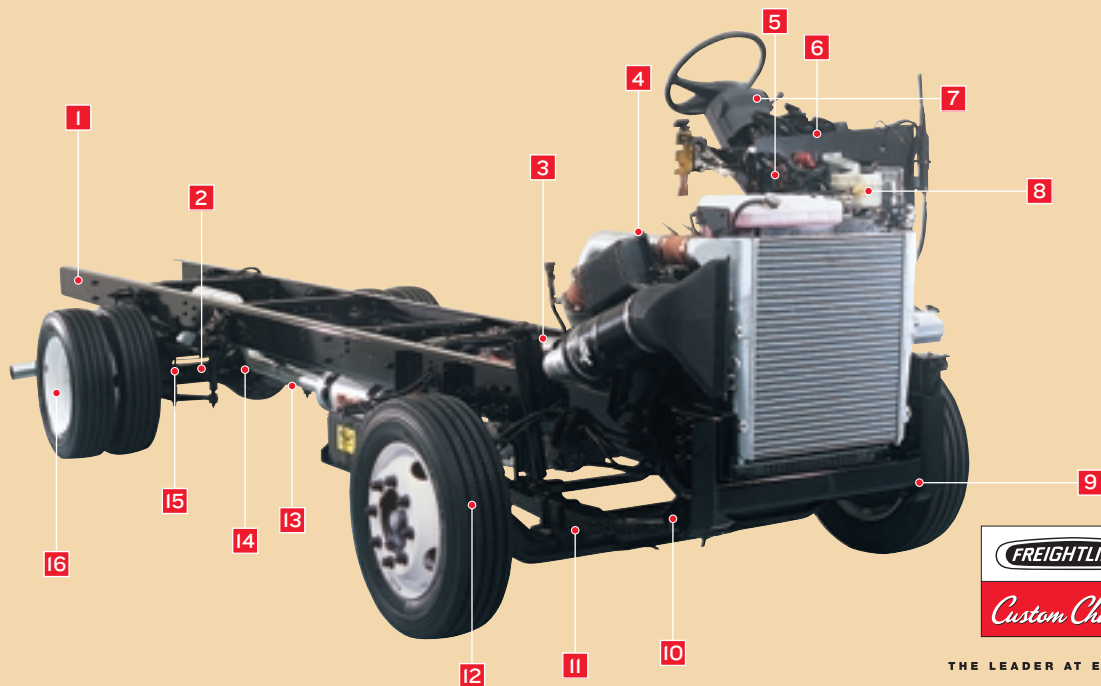
### Freightliner MT-55 Walk-in Van Chassis Features



The MT-55 heavy-duty chassis offers a gross vehicle weight rating of between 20,500 and 29,000 lbs. and can accept bodies with more than 1200 cubic feet of volume. With a gargantuan payload capacity of up to 19,000 lbs., the MT-55 is the perfect choice for high payload applications like newspaper delivery, utilities and tool trucks.

The MT-55 is joined by the MT-35 and MT-45 SR Series to form the broadest offering of custom walk-in van chassis in the industry. Top that off with Freightliner's North American service network of more than 350 dealers—many of which provide round-the-clock support—and you've got the complete package.

1. Durable 9 1/8" x 2 13/16" x 5/16"-thick full-section steel straight rail frame — among the tallest in the industry — reduces flex and bowing to minimize chassis stress while carrying up to 19,000 pounds of cargo
2. Meritor™ RS-I5-I20 rear axle
3. Allison® 2000 series heavy-duty automatic transmission delivers smooth, precise shifting and better fuel economy
4. Standard Cummins® ISB-I85 EGR diesel engine provides durability, lower maintenance costs and produces an excellent balance of low-end torque and high-end acceleration
5. New multiplex wiring instrument cluster, including electronic fuel level, electronic coolant temperature, electronic engine oil pressure and electronic speedometer, provides accurate, instant feedback; vehicle information display monitors engine diagnostics and 20 separate chassis functions
6. Larger operator station for permanent mounting of wiring, shift lever, hand brake and cables
7. TRW® power steering system and 50-degree wheel cut offers better maneuverability in tight spots
8. Accessible fluid dipstick and fluid containers provide easier maintenance
9. Four-wheel hydraulic ABS disc brakes deliver reliable, uniform stopping power and better steering control during emergency situations; optional pin-slide brake configuration reduces maintenance time and saves money; air brakes optional
10. Meritor™ MFS-O8 front axle
11. Taper leaf spring front suspension, rated at a standard 7000 pounds, provides solid, smooth ride
12. Michelin® XZE, I6-ply 245/70R I9.5" radial tires provide an extra-wide, extra-deep tread to deliver durability and scrub resistance
13. 45-gallon rectangular aluminized steel fuel tank provides fewer fuel stops and enhances safety; left-hand fuel fill
14. Spicer® SPL 70 series drive shafts with grease zerks
15. Flat leaf spring rear suspension, rated at a standard 13,500 pounds, minimizes cargo shifts on uneven road surfaces. Optional Airliner air suspension rated from 18,000 to 21,000 pounds available
16. Accuride® I9.5" x 6.75" steel wheels, 8-bolt



THE LEADER AT EVERY TURN™

# Freightliner MT-55 Chassis Standard Features and Options

## MT-55 SERIES CHASSIS

<b>Engine:</b>	Cummins ISB I85-hp 6-cylinder diesel with EGR, remote-mounted independent water separator
<b>Horsepower:</b>	185 @ 2300 rpm
<b>Torque:</b>	420 lbs./ft. @ 1600 rpm
<b>Transmission:</b>	Allison 2000 series automatic
<b>Vehicle weight ratings:</b>	
<b>GVWR:</b>	20,500 lbs. to 29,000 lbs.
<b>Curb weight:</b>	7200 lbs. nominal
<b>Engine equipment:</b>	Engine-mounted oil check; frontal air intake with Farr ECO SE air cleaner mounted on rail, Delco I2-volt 29 MT starter; Delco Remy I30-amp, 22SI alternator; 2 Freightliner 93I MF batteries delivering I300 CCA
<b>Cooling system:</b>	680 sq. in. downflow front-mounted radiator; pre-mixed 50/50 ethylene glycol antifreeze to -35° F; Eaton viscous fan drive
<b>Exhaust:</b>	Single horizontal inboard muffler with tailpipe exiting forward of rear axle, right-hand side
<b>Axles:</b>	
<b>Front:</b>	Meritor MFS-08, 8000 lbs.
<b>Rear:</b>	Meritor RS-I5-I20, I5,000 lbs.; 4.I0 ratio; SPL 70 Dana Spicer; transmission-mounted parking brake
<b>Suspension, steering, brakes:</b>	
<b>Front:</b>	Taper leaf spring, 7000 lbs., shock absorbers
<b>Rear:</b>	Flat leaf spring, I3,500 lbs., shock absorbers
<b>Steering:</b>	TRW steering column, TAS40 steering gear; 50° wheel cut
<b>Brakes:</b>	4-wheel 2.6" dual-piston hydraulic disc brakes with ABS
<b>Tires:</b>	Michelin XZE, 245/70R I9.5", I6-ply
<b>Wheels:</b>	Accuride I9.5" x 6.75", 8-bolt hub-piloted steel disc wheels
<b>Frame:</b>	5/I6" x 2 I3/I6" x 9 I/8" steel frame, 50,000 PSI, I0.8 section modulus
<b>Wheelbase:</b>	I76", I20" rear frame overhang
<b>Fuel tank:</b>	45-gal. left-hand-mounted, rectangular aluminized steel tank, left-hand fill
<b>Cab and equipment:</b>	Operator station; single electric horn; TRW straight, fixed steering column; two-spoke I8" charcoal steering wheel
<b>Instrumentation:</b>	New 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
<b>Selected options:</b>	<ul style="list-style-type: none"> <li>- Cummins ISB EGR 200-, 215-, 230- or 260-hp engines</li> <li>- Delco Remy I60- and 200-amp alternator or Leece-Neville I60-amp alternator</li> <li>- Delco Remy I400 and I900 CCA batteries</li> <li>- Phillips I000-watt block heater</li> <li>- TRW TAS-55 and TAS-65 power steering gear</li> <li>- Front suspension with taper leaf springs, 8000 lbs., 9000 lbs. and I0,000 lbs.</li> <li>- Eaton manual transmission</li> <li>- Allison 2400 series automatic with park pawl</li> <li>- Rear axle choices: RS-I7-I45 (I7,500 lbs.) or RS-I9-I45 (I9,000 lbs.)</li> <li>- Rear axle ratios available: 3.3I, 3.42, 3.73, 4.33 and 4.63</li> <li>- Pin slide brakes</li> <li>- Wheelbase lengths I58", I90", 2I8", 250", 276", 300"</li> <li>- Michelin 22.5" tires available</li> <li>- Airliner air suspension rated from I8,000 to 2I,000 lbs.</li> <li>- Air brake package</li> </ul>