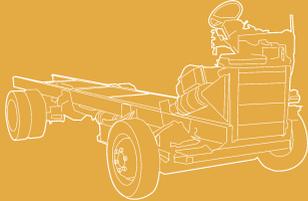


FREIGHTLINER MT-45 SR SERIES CHASSIS

MT-45 SR Series: Payload and Cargo Capacity to Spare

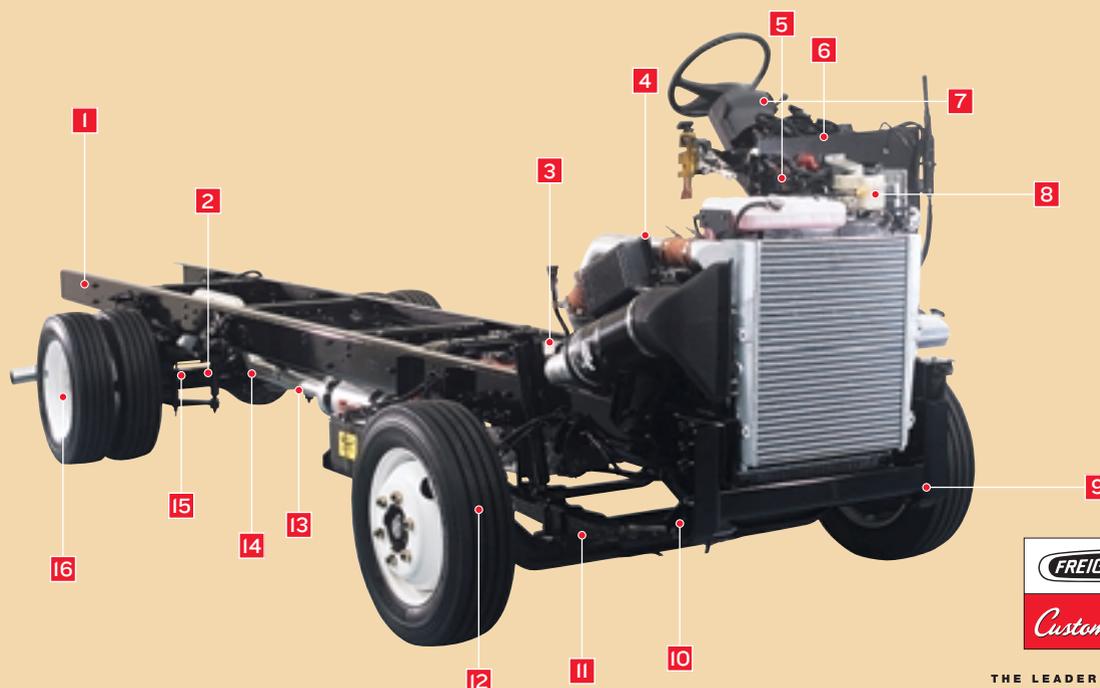
Freightliner MT-45 SR Walk-in Van Chassis Features



The MT-45 SR medium-duty chassis offers a gross vehicle weight rating of between 14,140 and 19,000 lbs., can accept bodies up to 22 feet in load length and volumes of up to 950 cubic feet. With a hefty payload capacity of up to 10,000 lbs., the MT-45 SR is the ideal choice for applications requiring large volumes and heavy goods.

The MT-45 SR is joined by the MT-35 and MT-55 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 8" steel straight rail frame with 3" flanges and rugged dog bone crossmembers reduces flex and bowing to minimize chassis stress while carrying up to 10,000 pounds of cargo
2. Latest technology axles from Meritor™ MS-I2-I13 12,000 lb. rear axle
3. Allison® 1000 automatic transmission delivers smooth, precise shifting and better fuel economy. Standard park pawl effectively locks transmission output shaft, thereby preventing rotation of the driveline
4. Mercedes® MBE 900 170-hp diesel engine, known for durability and lower maintenance costs, provides an excellent balance of power and fuel efficiency
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® steering column and TAS 40 gear/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 brakes reduce maintenance time and save money
10. MFS-08 8000 lb. Meritor™ front axle
11. Flat leaf spring front suspension, rated at a standard 5600 pounds with front sway bar, provides solid, smooth ride
12. Michelin® XZE 12-ply 225/70R 19.5" radial tires provide an extra-wide, extra-deep tread to deliver durability and scrub resistance
13. 45-gallon rectangular aluminized/steel fuel tank mounted outside of frame rail provides fewer fuel stops; left-hand fuel fill
14. Spicer® SPL 70 Series drive shaft with grease zerks increases reliability and reduces maintenance
15. Flat leaf spring rear suspension, rated at a standard 9200 pounds, minimizes cargo shifts on uneven road surfaces
16. Accuride® 19.5" x 6" steel wheels, 6-bolt; 8-bolt is optional



THE LEADER AT EVERY TURN™

Freightliner MT-45 SR Chassis Standard Features and Options

MT-45 SR SERIES CHASSIS

| | |
|-------------------------------|---|
| Engine: | MBE900 I70-hp 4-cylinder diesel |
| Horsepower: | 170 @ 2300 rpm |
| Torque: | 420 lbs./ft. @ 1600 rpm |
| Transmission: | Allison 1000 series automatic with park pawl |
| Vehicle weight ratings: | |
| GVWR: | 14,140 lbs. (single rear wheel); 14,800 lbs. to 19,000 lbs. (dual rear wheel) |
| Curb weight: | 5600 lbs. nominal |
| Engine equipment: | Engine-mounted oil check; frontal air intake with Farr ECO SE air cleaner mounted on rail, Delco I2-volt 29MT starter; Delco Remy I30-amp, 22SI alternator; 2 batteries I300 CCA |
| Cooling system: | 680 sq. in. downflow front-mounted radiator; pre-mixed 50/50 ethylene glycol antifreeze to -35° F; Eaton viscous fan drive |
| Exhaust: | Single horizontal inboard muffler with tailpipe exiting forward of rear axle, right-hand side |
| Axles: | |
| Front: | Meritor MFS-08, 8000 lbs. |
| Rear: | Meritor MS-I2-I13, I2,000 lbs.; 4.10 ratio; SPL 70 Dana/Spicer driveline; transmission-mounted parking brake |
| Suspension, steering, brakes: | |
| Front: | Flat leaf spring, 5600 lbs., shock absorbers; front sway bar |
| Rear: | Flat leaf spring, 9200 lbs., shock absorbers |
| Steering: | TRW steering column and TAS 40 steering gear; 50° wheel cut |
| Brakes: | 4-wheel 2.6" dual-piston hydraulic disc brakes with ABS |
| Tires: | Michelin XZE, 225/70R I9.5", I2-ply |
| Wheels: | Accuride I9.5" x 6" with 5" offset, white steel disc wheels, 6-bolt |
| Frame: | .25" x 3.0" x 8.0", 50,000 PSI, 7.35 section modulus |
| Wheelbase: | I58", 88" rear frame overhang |
| Fuel tank: | 45-gal. left-hand-mounted, rectangular aluminized steel tank |
| Cab and equipment: | Operator station; single electric horn; TRW straight, fixed steering column; two-spoke I8" charcoal steering wheel |
| Instrumentation: | New multiplex wiring instrument cluster. Gauges include electronic fuel level, electronic engine coolant temperature, electronic engine oil pressure, with information display, electronic speedometer with odometer, voltmeter |
| Selected options: | <ul style="list-style-type: none"> - Cummins ISB I85-230-hp 6-cylinder diesel engine with remote-mounted heated fuel/water separator - MBE 900 I90 hp @ 2300 rpm - Eaton Fuller manual transmission - Delco Remy I60-amp alternator or Leece-Neville I60-amp alternator - Delco Remy Series II50 I250 total CCA batteries - Phillips I000-watt block heater - Exhaust: single horizontal inboard muffler with right horizontal tailpipe exiting to aft of axle, right- or left-hand side; aluminized muffler shield - Front suspension 6000 lbs. or 7000 lbs. - Rear axle ratios of 3.3I, 3.73, 4.30, 4.56 - Heavy-duty rear suspension rated I0,000 or I2,000 lbs. - Rear sway bar - Wheelbases I38", I78", I90", 208" - 30-gal. rectangular aluminized steel left-hand- or right-hand-mounted fuel tank - 45-gal. short rectangular aluminized steel left-hand- or right-hand-mounted fuel tank - 60-gal. aluminized steel fuel tank mounted between rails, right or left fill - Spare tire and wheel - Pin slide brakes |