

# MV™ SERIES

Configuration: 107" BBC  
Application: Truck or Tractor  
Engine: Cummins B6.7, L9



- ▶ UTILITY
- ▶ DRY VAN
- ▶ DIGGER DERRICK
- ▶ RECOVERY
- ▶ CONSTRUCTION DUMP
- ▶ FIRE AND EMERGENCY

Introducing the new International® MV™ Series, a medium duty truck that's built with everything you need to conquer your daily grind. It's designed and engineered to set new standards for quality and productivity, with a spacious new cab interior crafted through driver input for optimal comfort, control and safety. The MV Series offers the industry-leading intelligence of the Diamond Logic® electrical system, as well as OnCommand® Connection, the industry's first and only all-makes diagnostic system for unrivaled connectivity. With virtually limitless customization options, the MV Series provides the ideal truck for your demanding application.







## KEY FEATURES:

- ▶ HSLA reinforced, cold-rolled steel cab for long-term durability
- ▶ New one-piece steel door frame and panels improve cab durability, structure and sealing
- ▶ New door, side glass and mirror designs improve lateral visibility and workplace safety
- ▶ All-new interior offers best-in-class room and driver-centric design for optimal productivity
- ▶ Driver controls can easily be operated while wearing gloves
- ▶ Available premium gauge cluster is customizable with virtual gauges
- ▶ All-new HVAC system, designed for reliability, includes a best-in-class MAX defrost feature
- ▶ Industry-leading Diamond Logic® electrical system
- ▶ Column-mounted shifter integrated with engine braking helps keep hands on the wheel\*\*



## 107" BBC SET-BACK FRONT AXLE

### GVW

- ▶ 21,500 - 54,600 lbs.

### Models/BBC/BA

- ▶ MV607: 107" BBC, 40" BA
- ▶ MV60H: 107" BBC, 40" BA (Low Profile)

### Cab Configurations

- ▶ Regular Cab
- ▶ Extended Cab
- ▶ Crew Cab

### Wheelbase Options

- ▶ 128" - 311"

### Axle Configurations

- ▶ 4x2, 6x4

### Rear Axle

- ▶ Single Rear Axle (4x2)
  - Meritor: 13,500 - 30,000 lbs.
  - Dana Spicer: 13,500 - 30,000 lbs.
- ▶ Tandem Rear Axle (6x4)
  - Meritor: 34,000 - 40,000 lbs.
  - Dana Spicer: 40,000 lbs.
- ▶ Front Axle
  - Meritor: 8,000 - 14,600 lbs. (4x2, 6x4)
  - Dana Spicer: 8,000 - 14,000 lbs.

### Frames

- ▶ High Strength Low-alloy Steel 50,000 - 80,000 PSI
- ▶ Heat Treated Alloy Steel 120,000 PSI
- ▶ Clean CA available for body mounting

### Front Suspension

- ▶ Spring, Parabolic Taper Leaf: 8,000 - 14,600 lbs.

### Rear Suspension

- ▶ Spring, Single Vari-Rate: 13,500 - 31,000 lbs.
- ▶ Tandem, 4-Spring Multileaf: 34,000 - 40,000 lbs.
- ▶ IROS Air Suspension available for Single and Tandem Axle

### Electrical System

- ▶ Diamond Logic® Electrical System
- ▶ Alternators
  - 12 Volt 160 - 325 Amp.
- ▶ Battery Systems
  - 12 Volt, 2 to 3 Batteries
- ▶ Headlights
  - Long Life Halogen

### Exhaust System

- ▶ Single, Horizontal, Aftertreatment Device Frame Mounted Right, Under Cab or Back of Cab, Horizontal or Vertical Tailpipe

### Brakes

- ▶ Hydraulic Disc with Four Channel ABS, Optional Traction Control
- ▶ Air Brakes with ABS, Optional Traction Control, Optional Electronic Stability Program with Traction Control

### Steering

- ▶ TRW/Ross Power
- ▶ Sheppard Power

### Engines

- ▶ Cummins B6.7: 200 - 325 hp and 520 - 750 lb.-ft. of torque\*
- ▶ Cummins L9: 260 - 350 hp and 720 - 1000 lb.-ft. of torque

### Transmissions

- ▶ Eaton® Fuller: 6, 10 Speed Manual
- ▶ Eaton: Prociision™ 7 Speed Dual Clutch Automatic
- ▶ Allison: 1000, 2000, 3000 Series (HS, EVS, RDS, MH) Automatic
- ▶ Allison: 3000 TRV Series Automatic
- ▶ Eaton® Fuller: Advantage 10 Speed Fully Automated Manual

### Fuel Tank

- ▶ 40 - 140 Gallon Non-Polished and Polished Aluminum, Mounted Right Side, Left Side or Dual Under Cab

### DEF Tank

- ▶ 5-15 Gallon

### Tires

- ▶ Continental, Michelin, Goodyear, Bridgestone, Hankook, Yokohama

\* 340 hp and 700 lb.-ft. of torque / 360 hp and 800 lb.-ft. torque ratings available for emergency vehicles only

\*\* Available with Eaton Prociision, Eaton AMT and Allison 3000

Note: The information and conclusions contained herein are believed to be correct at time of publication, but do not necessarily apply to similar vehicles with different specifications or with production dates after the production of this publication. Vehicles with different specifications or later dates of production may yield different results. Vehicle specifications are subject to change without notice. TAD18001 1/2018