

# HV507



Configuration: 107" BBC Set-Forward Front Axle  
Application: Truck or Tractor  
Engine: Cummins B6.7, L9



- ▶ MUNICIPAL PLOW
- ▶ CONSTRUCTION DUMP
- ▶ BRIDGE FORMULA APPLICATIONS
- ▶ 4X4 FIRE & EMERGENCY

The new HV507 from International® has the uptime, productivity and safety needed to deliver on the most demanding jobs. Its standard wide-track front axle provides excellent maneuverability and its compact 107" BBC and set-forward axle configuration is ideal for weight-sensitive bridge formula applications. The HV507 features a new, roomier interior with a powerful new HVAC system and new controls that help keep drivers comfortable and productive over long hours on the job. The advanced and dependable Diamond Logic® Electrical System offers custom, user-programmable interlocks to enhance operator safety. Whether you're restoring power following a major storm, clearing the way after a heavy snowfall or performing other key roadwork, the HV507 is a hard-working addition to your fleet.





## KEY FEATURES:

- ▶ Heavy duty, double-sided galvanized steel cab for long-term durability
- ▶ New door, side glass and mirror designs improve lateral visibility and workplace safety
- ▶ All-new dash designed for the driver with more space for additional rocker switches
- ▶ Available premium gauge cluster designed with driver input is customizable with virtual gauges
- ▶ Best-in-class Diamond Logic® electrical system for all applications
- ▶ Easy-access column-mounted shifter integrated with engine braking helps keep hands on the wheel
- ▶ New industry-standard J1939 electrical system architecture and improved harnessing to maximize uptime
- ▶ All-new HVAC system, designed for reliability, now includes a high-performance MAX defrost feature
- ▶ .5" thick super single frame rail rated up to 3.35M RBM



## 107" BBC SET-FORWARD FRONT AXLE

### GVW

- ▶ 53,000 - lbs. (4x2)
- ▶ 50,000 - lbs. (4x4)
- ▶ 68,000 - lbs. (6x4)
- ▶ 66,000 - lbs. (6x6)

### Models/BBC/BA

- ▶ 107" BBC / 32.4" BA

### Wheelbase Options

- ▶ 144 - 311"

### Axle Configurations

- ▶ 4x2
- ▶ 4x4
- ▶ 6x4
- ▶ 6x6

### Rear Axle

- ▶ SINGLE REAR AXLE (4x2)
  - Meritor
    - Single Reduction: 17,000 - 30,000 lbs.
    - Double Reduction: 26,000 - 38,000\* lbs.
    - Two-Speed: 21,000 - 23,000 lbs.
  - Dana Spicer
    - Single Reduction: 17,500 - 31,000 lbs.
    - Two-Speed: 19,000 - 23,000\* lbs.
- ▶ TANDEM REAR AXLE (6x4)
  - Meritor:
    - Single Reduction: 34,000 - 46,000 lbs.
  - Dana Spicer:
    - Single Reduction: 46,000 lbs.

### Front Axle

- Dana Spicer
  - Non-Driving: 10,000 - 20,000 lbs.
- Meritor
  - Non-Driving: 10,000 - 22,000 lbs.
  - Driving: 10,000 - 18,000 lbs.
- Fabco
  - Driving: 10,000 - 20,000 lbs.

### Frames

- ▶ Heat Treated Alloy Steel 120,000 PSI
- ▶ 11.25" x .5" thick super single rail

### Front Suspension

- ▶ Spring Multileaf: 14,000 - 20,000 lbs.
- ▶ Parabolic Taperleaf: 8,000 - 22,000 lbs.

### Rear Suspension

- ▶ Chalmers: 23,000 - 46,000 lbs.
- ▶ Hendrickson
  - RT: 34,000 - 46,000 lbs.
  - HAS: 40,000 - 46,000 lbs.
  - HMX: 40,000 - 46,000 lbs.
  - PRIMAAX: 20,000 - 46,000 lbs.
- ▶ Link: 46,000 lbs.

### Electrical System

- ▶ ALTERNATORS
  - Bosch: 12 Volt, 160 - 200 Amp
  - Leece-Neville: 12 Volt, 160 - 325 Amp
  - Delco Remy: 12 Volt, 165 - 240 Amp
- ▶ BATTERY SYSTEMS
  - JCI: 12 Volt 1400 - 2100 CCA
  - Fleetrite®: 12 Volt 1320 - 3800 CCA
  - Deka: 12 Volt 2775 CCA

### Exhaust System

- ▶ Single canister after-treatment device
- ▶ Frame Mounted Right Side, Back of Cab
- ▶ Short Horizontal Tailpipe

### Brakes

- ▶ Air Drum Brakes with ABS, Optional Traction Control, Optional Electronic Stability Program with Traction Control
- ▶ Air Disc Brakes

### Power Steering

- ▶ Single Power
- ▶ Dual Power on Front Axle 16,000 lbs. and Above

### Engines

- ▶ Cummins® B6.7: Up to 360\*\* hp, 800 lb.-ft. of torque
- ▶ Cummins® L9: Up to 450\*\* hp, 1250 lb.-ft. of torque

### Transmissions

- ▶ Eaton® Fuller: 6-, 10-, 13-Speed Manual
- ▶ Eaton UltraShift+®: 10-Speed Automated Manual
- ▶ Eaton Fuller Advantage™ Series: 10-speed Automated Manual
- ▶ Allison: 2000, 3000 Series (HS, EVS, RDS) Automatic

### Fuel Tanks

- ▶ 40 - 120 Gallons, Single or Dual, Non-Polished or Polished Aluminum, Mounted Right or Left Side Under Cab

### Tires

- ▶ Continental, Michelin, Goodyear, Bridgestone

\* Application Restriction

\*\* Higher ratings limited to fire and rescue applications

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. TAD17026 9/2017

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