

# HV513



Configuration: 113" BBC Set-Forward Front Axle  
Application: Truck or Tractor  
Engine: International A26



- ▶ CONCRETE MIXER
- ▶ CRANE
- ▶ ROLL-OFF
- ▶ HEAVY CONSTRUCTION DUMP

Everything about the new HV513 is designed to optimize your uptime. It's powered by a new International® A26™ engine that's built from the block up to redefine efficiency, performance and durability. It includes the easily programmable, time-saving capabilities of Diamond Logic®, the industry's most advanced electrical system. The HV513 also features a roomier interior with a best-in-class new HVAC system to keep both driver and crew focused, comfortable and productive for long hours on the job. The HV513 features a 113" BBC with a wide-track, set-forward front axle providing the flexibility to deliver for your fleet in hundreds of applications.





HV513

## KEY FEATURES:

- ▶ New International® A26™ 12.4L engine with class-leading two-year unlimited mile warranty
- ▶ Double-sided galvanized steel cab
- ▶ 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



## 113" BBC SET-FORWARD FRONT AXLE

### GVW

- ▶ 60,000 - lbs. (4x2)
- ▶ 74,000 - lbs. (6x4)
- ▶ 73,000 - lbs. (6x6)
- ▶ 75,000 - lbs. (8x6)

### Models/BBC/BA

- ▶ 113" BBC / 29.5" BA, SFA

### Wheelbase Options

- ▶ 128 - 311"

### Axle Configurations

- ▶ 4x2
- ▶ 6x4
- ▶ 6x6
- ▶ 8x6 Tridem

### Rear Axle

- ▶ SINGLE REAR AXLE (4x2)
  - Meritor
    - Single Reduction: 20,000 - 30,000 lbs.
    - Double Reduction: 26,000 - 38,000\* lbs.
    - Two-Speed: 23,000 lbs.
  - Dana Spicer
    - Single Reduction: 23,000 - 31,000 lbs.
    - Two-Speed: 23,000 lbs.
- ▶ TANDEM REAR AXLE (6x4)
  - Meritor:
    - Single Reduction: 40,000 - 52,000 lbs.
  - Dana Spicer:
    - Single Reduction: 46,000 lbs. - 50,000 lbs.
- ▶ TRIDEM REAR AXLE (8x6)
  - Meritor:
    - Single Reduction: 53,000 lbs.

### Front Axle

- ▶ Dana Spicer
  - Non-Driving: 12,000 - 22,000 lbs.
- ▶ Meritor
  - Non-Driving: 12,000 - 22,000 lbs.
- ▶ Fabco
  - Driving: 21,000 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: 12,000 - 23,000 lbs.

### Rear Suspension

- ▶ Chalmers: 23,000 - 52,000 lbs.
- ▶ Hendrickson
  - RT: 40,000 - 52,000 lbs.
  - HAS: 23,000\* - 46,000 lbs.
  - HMX: 40,000
  - PRIMAAX: 23,000 - 46,000 lbs. (Tandem)  
69,000 lbs. (Tridem)
- ▶ Link: 46,000 lbs.
- ▶ International: 20,000 - 40,000\* lbs.

### Electrical System

- ▶ ALTERNATORS
  - Leece-Neville: 12 Volt, 160 - 325 Amp
  - Delco Remy: 12 Volt, 165 - 240 Amp
- ▶ BATTERY SYSTEMS
  - JCI: 12 Volt 2100 CCA
  - Fleetrite®: 12 Volt 1980 - 3800 CCA

### Exhaust System

- ▶ Single canister after-treatment device
- ▶ Frame Mounted Right Side, Back of or Under Cab
- ▶ Single Vertical Tailpipe, Right Side Back of Cab

### Brakes

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

### Power Steering

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

### Engine

- ▶ International A26: Up to 475 hp, 1700 lb.-ft of torque

### Transmissions

- ▶ Eaton Manual: 8LL (10), 9ALL (11), 13, 15, and 18-speed
- ▶ Eaton Automated Manual: 8LL (10), 9ALL (11), 13, and 18-speed UltraShiftPLUS®, and 10-speed Eaton Fuller Advantage™
- ▶ Allison Automatic: EVS, RDS, HS Series

### Fuel Tanks

- ▶ 50 - 200 Gallons, Single or Dual, Non-Polished or Polished Aluminum, Mounted Right or Left Side Under Cab

### Tires

- ▶ Continental, Michelin, Goodyear, Bridgestone

\* Application Restriction

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. TAD17024 9/2017

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