

# HX520



**Configuration:** Long Hood Set-Forward Axle  
**Application:** Truck or Tractor  
**Engine:** Cummins X15



- ▶ HEAVY HAUL TRACTOR
- ▶ CONSTRUCTION DUMP
- ▶ LOGGING
- ▶ RECOVERY

The HX™ Series has always been the go-to truck for the toughest applications. And now we've added the features and capabilities that take it to the next level. The strong, easy-to-repair steel cab offers corrosion resistance equivalent to that of aluminum – without a significant weight penalty. Plus, the interior is more premium than ever with best-in-class space and materials designed to provide comfort and support mile after extreme mile. The HX520 features a set-forward front axle configured as a truck or tractor and is powered by the legendary Cummins X15 engine. The TEM-friendly platform now features built-in Diamond Logic® multiplex technology and lift axle options installed at the factory.





## KEY FEATURES:

- ▶ Cummins® X15 up to 605 HP / 2,050 lb.-ft. of torque
- ▶ Standard all-metal grille with bright surround and bright grille bars
- ▶ Available functional dual external air cleaners that deliver heavy-duty filtration, easy maintenance and long service life
- ▶ The 3-piece DCPD hood provides excellent visibility, superior strength and impressive durability
- ▶ Available bright sun visor, cab modesty panel and bug deflectors provide functional good looks that last
- ▶ Available, industry-leading 12.5" x 0.5" single frame rail delivers 3.5 million RBM while reducing corrosion
- ▶ Standard Huck-Spin frame and crossmember fasteners deliver superior clamping force that lasts
- ▶ Available 150,000 lb. capacity center tow pin provides assured strength in extreme recovery scenarios



# 120" BBC SET-FORWARD FRONT AXLE

### GVWR

- ▶ 52,000 – 90,000 lbs.

### Model/BBC/BA

- ▶ 120" BBC / 29.9" BA

### Wheelbase Options

- ▶ 169 - 392"

### Hood Design

- ▶ Long Square DCPD Hood, 3-piece Outer

### Axle Configurations

- ▶ 6x4
- ▶ 8x6

### Frames

- ▶ Yield: 120,000 PSI
- ▶ RBM: 2,037,600 – 4,854,000 in.-lbs.

### Engine

- ▶ Cummins X15:
  - HP: 430 – 605
  - Torque: 1,650 – 2,050 lb.-ft.

### Transmission

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

### Front Axles

- ▶ Meritor: 12,000 - 20,000 lbs.

### Front Suspensions

- ▶ Multi-Leaf: 20,000 lbs.
- ▶ Parabolic: 12,000 – 20,000 lbs.

### Rear Axles

- ▶ Dana Tandem:
  - Single Speed: 40,000 – 52,000 lbs.
  - Two Speed: 46,000 lbs.
- ▶ Meritor Tandem: 40,000 – 58,000 lbs.
  - Double Reduction: 58,000 – 70,000 lbs.
- ▶ Tridem: 53,000 lbs

### Rear Suspensions

- ▶ Chalmers: 40,000 – 52,000 lbs.
- ▶ Hendrickson RT: 40,000 – 65,000 lbs, R: 80,000 lbs.
- ▶ Hendrickson HAULMAAX EX: 40,000 – 46,000 lbs.
- ▶ Hendrickson HAS: 40,000 – 46,000 lbs.
- ▶ Hendrickson PRIMAAX EX: 46,000 – 52,000 lbs.
- ▶ Hendrickson PRIMAAX EX Tridem: 69,000 lbs.

### Exhaust

- ▶ Single or Dual Vertical Stacks
- ▶ Vertical After Treatment Device: Single Vertical Stack

### Electrical

- ▶ Alternator:
  - Delco Remy: 165 – 300 Amp.
  - Leece-Neville: 160 – 240 Amp.
- ▶ Batteries
  - 1,980 - 3,800 CCAs

### Fuel Tanks

- ▶ 60 – 240 Gallons, Single or Dual, Polished or Non-Polished
- ▶ LH Mounted Under Cab or Dual Under Cab or Back of Cab
- ▶ 24" or 26" Diameter

### Split Fuel and Hydraulic Tanks

- ▶ 100 Gallon Tank, 50 Fuel / 50 Hydraulic Fluid
- ▶ 120 Gallon Tank, 80 Fuel / 40 Hydraulic Fluid

### Braking and Control Systems

- ▶ Traction Control
- ▶ Electronic Stability Control (ESC)
- ▶ Bendix® Wingman® Fusion

### Available Recovery Devices

- ▶ Center Tow Pin: 150,000 lbs.
- ▶ Tow Hooks: 80,000 lbs.
- ▶ HD Rear Tow Loop: 80,000 lbs.
- ▶ HD Rear Tow Hooks: 80,000 lbs.

**Note:** The information and conclusions contained 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. TAD20005 11/2020 ©2020 NAVISTAR Inc. All rights reserved. All marks are trademarks of their respective owners.