



DURASTAR® HYBRID



GOOD FOR THE ENVIRONMENT AND YOUR BOTTOM LINE

As diesel fuel prices remain unpredictable, more companies are seeking ways to go greener and optimize their costs. That's why International created the International® DuraStar® Hybrid, the first of its kind diesel/electric medium-duty truck that provides you with improved fuel efficiency and reduced engine emissions.

The DuraStar Hybrid provides dramatic fuel savings—from 30% to 40% on standard in-city pickup and delivery applications and more than 60% in utility-type applications.

It's a winning situation both for the environment and your company's operations.



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DURASTAR
HYBRID

INTERNATIONAL® DURASTAR® HYBRID SPECIFICATIONS

GVW

- ▶ 23,500 – 44,000 lbs.

Models/BBC/BA

- ▶ 4300: 107" BBC, 39.9" BA

Axle Configurations

- ▶ 4x2

Cab Configurations

- ▶ Day Cab, Extended Cab, Crew Cab

Rear Axle

- ▶ Single Rear Axle
- ▶ Meritor: 15,500 – 30,000 lbs.
- ▶ Dana Spicer: 12,200 – 30,000 lbs.

Front Axle

- ▶ Meritor: 8,000 – 14,000 lbs.
- ▶ Dana Spicer: 8,000 – 14,000 lbs.

Frames

- ▶ High Strength Low Alloy Steel 50,000 PSI
- ▶ Heat Treated Alloy Steel 120,000 PSI (Mid Cab Tractor)

Front Suspension

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

Rear Suspension

- ▶ Spring Single Vari-Rate: 15,500 lbs. – 31,000 lbs.
- ▶ IROS air suspension available

Electrical System

- ▶ Alternators: Leece-Neville 12 Volt 145 - 320 Amp. Capacity
- ▶ Battery Systems: International 12-volt, 2 to 4 batteries
- ▶ Headlights: Long Life Halogen

Exhaust System

- ▶ Single, Horizontal, After-treatment Device Frame Mounted Right Side, Back or Under 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
- ▶ Sheppard (Mid Cab Tractor)

Engines

- ▶ MaxxForce DT: From 215 hp, 560 lb.-ft. torque up to 260 hp, 660 lb.-ft. torque

Transmissions

- ▶ Eaton Fuller Eaton Hybrid 6-speed automated manual with or without ePTO capability

Wheelbase

- ▶ 152" – 254"

Fuel Tank

- ▶ 50-70 Gallon, Non-Polished Aluminum or Steel, Mounted Ride Side or Left Side Under Cab

Tires

- ▶ Michelin, Goodyear, Hankook

KEY FEATURES

- ▶ 65% reduction in hydrocarbon emissions, 58% reduction in carbon monoxide and 41% reduction in nitrogen oxide emissions
- ▶ Up to 60% improvement in fuel economy vs. traditional diesel engines
- ▶ Diamond Logic® electrical system gives you diagnostic help and a standard convenience package with parking brake alarm and pre-trip exterior light checks, and easily integrates control of body and equipment mounted to the truck
- ▶ Regenerative braking through the electric motor reduces brake wear and is ideal in stop-and-go driving experiences
- ▶ Under heavy acceleration or when climbing a hill, the electric motor can add up to 60 hp and 310 lb.-ft. of torque to the already capable MaxxForce engine
- ▶ Reduced noise pollution with optional Electronic Power Take-Off (EPTO), which keeps the engine off during stationary work
- ▶ A cab that's roomy, comfortable and wide for your crew and equipment

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