







DELIVERING AT EVERY TURN.

The International® RH™ Series with the all-new International® S13 Integrated Powertrain

The RH Series has long been the answer for fleets looking for a rock-solid local and regional delivery solution. Optimized around a driver's needs, its turning radius, cost of ownership, and driver visibility figures are among the best in the industry. The RH Series is also available in a range of configurations, so you can spec it to match your specific business needs.

And now the RH Series takes it up a notch by adding the revolutionary International S13 Integrated Powertrain. Powerful, efficient, and easy to maintain, the S13 Integrated Powertrain brings a new level of productivity to regional delivery fleets everywhere.







CONFIGURATIONS THAT MEET TH



Day Cab with Roof Fairing



IE NEEDS OF BUSINESS.



Day Cab

The International® RH™ Series is built to redefine the rules of productivity. Offered in numerous configurations, each one was designed using the input of drivers and fleets as well as over 100 years of experience in the commercial vehicle industry. Whether it's a day cab, hi-rise sleeper, or low roof sleeper, when you need a local or regional haul solution tailored to your business, there's an RH Series that delivers.

- ▶ Local to Regional-Haul Applications
- ▶ Van, Flatbed and Specialty Haul
- ▶ Fleet or Owner Operator



TWO STRONG CHOICES.









CERTIFIED TO THRIVE.

Both the International® S13 and the International® A26 meet rigorous B10 design life standards for 1,200,000 miles.

The B10 designation is the mileage at which 10% of engines are expected to require a rebuild. Most competitors use a B50 designation where 50% of their engines are expected to require a rebuild at 1,000,000 miles. If your trucks are averaging 60,000 miles each year, that's the equivalent of running over three more years before your first major overhaul - real savings that can impact your bottom line.



International B10 standards require 90% of all engines to endure 1.2 million miles before a rebuild is required.

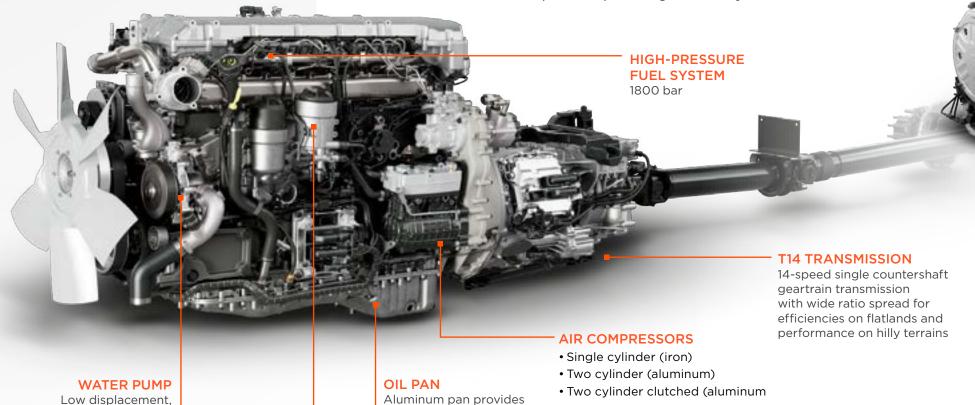


ADVANCED, INTEGRATED, MASTERFUL.

FUEL FILTER

low parasitic losses

The International® S13 Integrated Powertrain was developed by a dream team of engineers located literally all over the world who were able to rethink, redesign, and reinvent what an integrated powertrain can be. The result is the S13 Engine, T14 Transmission and Dual Stage Aftertreatment system designed to work as one that's simple, easy-to-service and delivers stellar performance with superior operating economy.



corrosion protection



S13 INTEGRATED

| Engine Type | Diesel, 4-Cycle |
|---------------------------|--|
| Configuration | Inline 6-Cylinder |
| Displacement | 12.7L (777 cu. in.) |
| Bore & Stroke | 4.96 in. & 6.54 in. (126 mm & 166 mm) |
| Compression Ratio | 23:1 |
| Aspiration | Fixed Geometry Turbocharger |
| Combustion System | 1800 bar Common Rail |
| Engine Lubrication | 42 Quarts (40L) |
| Total Engine Weight (Dry) | 2,500 lbs. (1,134 kg) |
| Valves | 4 Valves per Cylinder, Dual Overhead Camshaft |
| B10 Design Life | 1,200,000 mi (1,931,000 km) |

T14 TRANSMISSION

Deep low-end gearing and shifting smoothness, delivering efficiencies of a direct drive in an overdrive package

14 speed with 2 crawler gears

A lightweight, efficiently packaged, and robustly designed gearbox with unlimited GCW

Single countershaft transmission designed for simplicity and reliability

Transmission Base Warranty (includes towing)

Transmission 5 years; 750,000 miles (1,200,000 km) **Clutch** 3 years; 350,000 miles (563,000 km)

Gear Ratios

| Gear | Ratio | % Step |
|------|-------|--------|
| R2 | 12.60 | |
| R1 | 16.23 | |
| 1 | 20.81 | 29% |
| 2 | 16.16 | 29% |
| 3 | 12.57 | 29% |
| 4 | 9.76 | 29% |
| 5 | 7.56 | 29% |
| 6 | 5.87 | 29% |
| 7 | 4.55 | 29% |
| 8 | 3.53 | 28% |
| 9 | 2.77 | 29% |
| 10 | 2.15 | 29% |
| 11 | 1.66 | 29% |
| 12 | 1.29 | 29% |
| 13 | 1.00 | 28% |
| 14 | 0.78 | - |
| | | |



DUAL STAGE AFTERTREATMENT

- Compact design for more frame rail mounting space
- No active DPF regen needed

BEST-IN-CLASS ENGINE WARRANTY

Standard Engine Warranty 2 years, unlimited miles, unlimited hours **Optional Engine Warranties** Up to 6 years; 600,000 miles Optional Major Component Coverage Up to 7 years; 700,000 miles



SHIFT WHAT'S POSSIBLE

Any engine, no matter how well designed, is only as good as the transmission it's mated to. Delivering the power to the road in a smooth, predictable manner is no small feat when you consider the amount of torque of heavy-duty trucks. By starting with a clean sheet of paper, our engineers behind the S13 Integrated Powertrain were able to make sure the engine and transmission work in perfect harmony. The result is the fully automated T14 manual transmission with 14-speed overdrive. Its shifts are seamless and require no input from the driver in terms of being in the right gear at the right time.

SHIFT ACTUATORS

 Shift actuator packaging was designed specifically for automated functionality (rather than adapted from a manual), allowing for more compact gearbox housing

VARIABLE OIL LEVEL UPPER RESERVOIR

 Oil is pumped to the reservoir under lower loads to reduce parasitic losses, allowing for the continuous lubrication of gears by the oil sprayers

PLANETARY GEARS

 The planetary gear set eliminates the need for a dedicated reverse gear, shortening the gearbox and allowing for better packaging within the chassis



 A single countershaft with helical gears lowers the overall weight of the unit without compromising the durability or performance of the transmission



THE TRANSMISSION CONTROL MODULE (TCM)

Features like predictive cruise control, neutral coast, downhill speed control, and predictive shifting, can now be found in one module — the TCM. Combining these features into one module means the vehicle feels more natural and intuitive and, ultimately, more efficient.

The transmission has an electronically controlled clutch actuator that works in sync with the engine to deliver faster, smoother shift performance. Since it does not consume air during complicated maneuvers, like when you're backing a trailer into a tight loading dock, the driver never needs to stop and let the air recharge.



DRIVER SHIFT MODES

Three different shift modes (optional) for ultimate control for the driver

- ▶ Eco Predictive shifting with fuel efficiency focus
- ▶ Performance Perfect balance
- ▶ Performance+ Shifting at peak power with focus on performance



DOWNHILL SPEED CONTROL

Cruise control using the engine brake to slow down to a specific speed. Control at the wheel to manage speed going downhill.

ECO-COAST

Disengages the driveline when traveling downhill, using the momentum of the vehicle to save fuel

MANEUVERING MODE

Gives the driver more control of the vehicle at low speeds for specific movements, such as reversing into a loading dock, connecting to a trailer, or other low-speed maneuvers. Torque value for pedal input is reduced. This mode allows the clutch to slip more easily for slow and smooth performance.

CREEP MODE

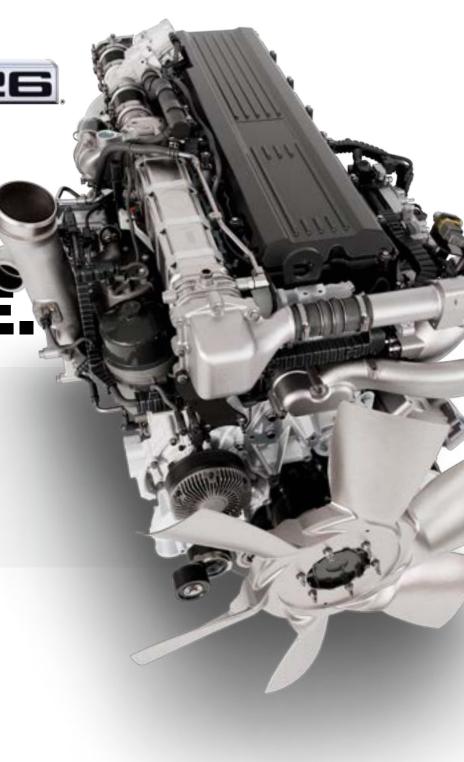
Allows the vehicle to automatically start moving when the brake pedal is released while the transmission is in gear. Useful in high traffic and other events where constant vehicle movement is necessary without the use of the accelerator pedal.



A LEGACY OF OUTSTANDING PERFORMANCE.

THE INTERNATIONAL® A26 IS PACKED WITH THE FEATURES AND CAPABILITIES THAT MAKE IT A REGIONAL HAUL WORKHORSE

The A26 produces up to 515 hp and 1,850 lb.-ft. of torque. Every component of the A26 has been carefully engineered for reduced weight while delivering uncompromising uptime and performance.





Horsepower [BHP @ RPM] 410 @ 2100 400 - 515 @ 1700

| Torque [LB-FT @ RPM] | 1,450 | - 1,850 @ 900 | 1,450 @ 900 |
|----------------------|-------------|--------------------------|----------------------------|
| Gov. Speed [RPM] | | 1,800 | 2,100 |
| E | ngine Type | Diesel, 4-Cycle | |
| Co | nfiguration | Inline 6-Cylinder | |
| Dis | placement | 12.4 L (758 cu. in.) | |
| Во | re & Stroke | 4.96 in. & 6.54 in. (126 | 6 mm & 166 mm) |
| Compre | ssion Ratio | 20.5:1 | |
| | Aspiration | Variable Geometry Tu | ırbocharger |
| Combust | ion System | Direct Injection 2500 | bar HPCR |
| Engine | ubrication | 42 Quarts (40L) | |
| Total Engine W | eight (Dry) | 2,314 lbs. (1,050 kg) | |
| | Valves | 4 Valves Per Cylinder | , Single Overhead Camshaft |
| B10 | Design Life | 1,200,000 mi (1,931,0 | 00 km) |



Best-In-Class Engine Warranty

| Standard Engine Warranty | 2 years, unlimited miles, unlimited hours |
|-----------------------------------|---|
| Optional Engine Warranties | Up to 6 years; 600,000 miles; unlimited hours |
| Optional Major Component Coverage | Up to 7 years; 700,000 miles; unlimited hours |



The single canister aftertreatment system features a simple, easy-to-service design that is both compact and light weight while providing ample ash retention for extended service intervals.

The A26 engine delivers the strength you need in a compact and lightweight package and can be paired with a choice of transmissions to match the needs of your business.

Variable geometry turbocharger — Titanium compressor wheel provides excellent longevity. Serviceable electronic actuator increases uptime and reduces service cost.

Jacobs Engine Brake[®] — Variable geometry turbocharger improves engine braking performance, particularly at low- to-mid-RPMs and higher altitudes.

2500 Bar High-Pressure Common Rail Fuel **System** — Delivers maximum fuel injection pressure (36,300 psi) to reduce emissions and fuel consumption, with multiple injection events for smooth and quiet operation.

Lightweight design — Compacted Graphite Iron crankcase, shot-peened aluminum flywheel housing, composite valve covers, and a hollow camshaft deliver a lightweight design, maximizing payload capacity.

Cold starting — Cold starting down to -40°F with available oil heater, coolant heater, and cold start system with unaided cold starting down to 10°F for dependable starting in extreme climates or when plug-in heating isn't available.



A VISIBLE DIFFERENCE.

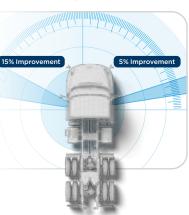
Forward visibility is among the industry's best at as little as 21'. This means objects closer to the vehicle are more visible to the driver, improving safety.

The International® RH™ Series interior was designed based on a meticulous study of interaction points between the driver and truck - everything from what a drivers see to how they move and react in virtually any situation. That's why the RH Series has been designed with a large swept-back windshield, optimized mirror placement and an aerodynamic sloped hood for a clearer view.

DIRECT VISIBILITY

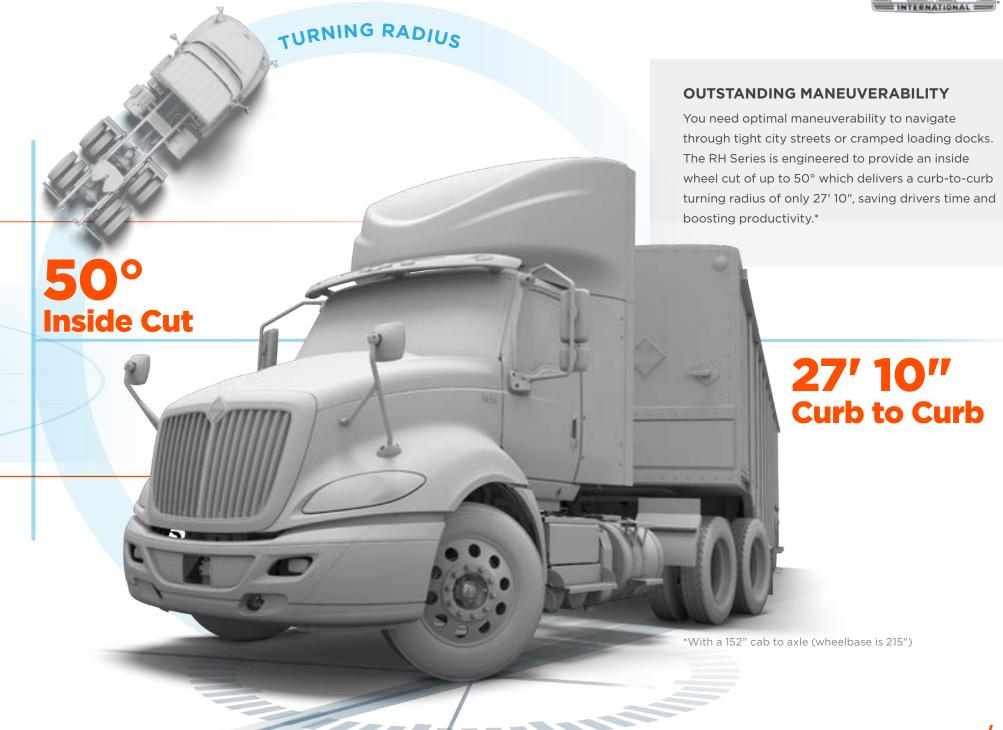


INDIRECT VISIBILITY



The shaded areas represent how indirect visibility has been optimized by reshaping the doors and side windows, and repositioning the cab mirrors so drivers turn their heads 15% less on the driver side and 5% less on the passenger side. This increased visibility reduces driver stress and neck strain to enhance productivity.







KEEPING YOU ON THE ROAD TO PROFITABILITY.

Uptime is more than a word in the International® RH™ Series. It's an unwavering commitment to deliver a truck that's as reliable and easy to service as the road is long.

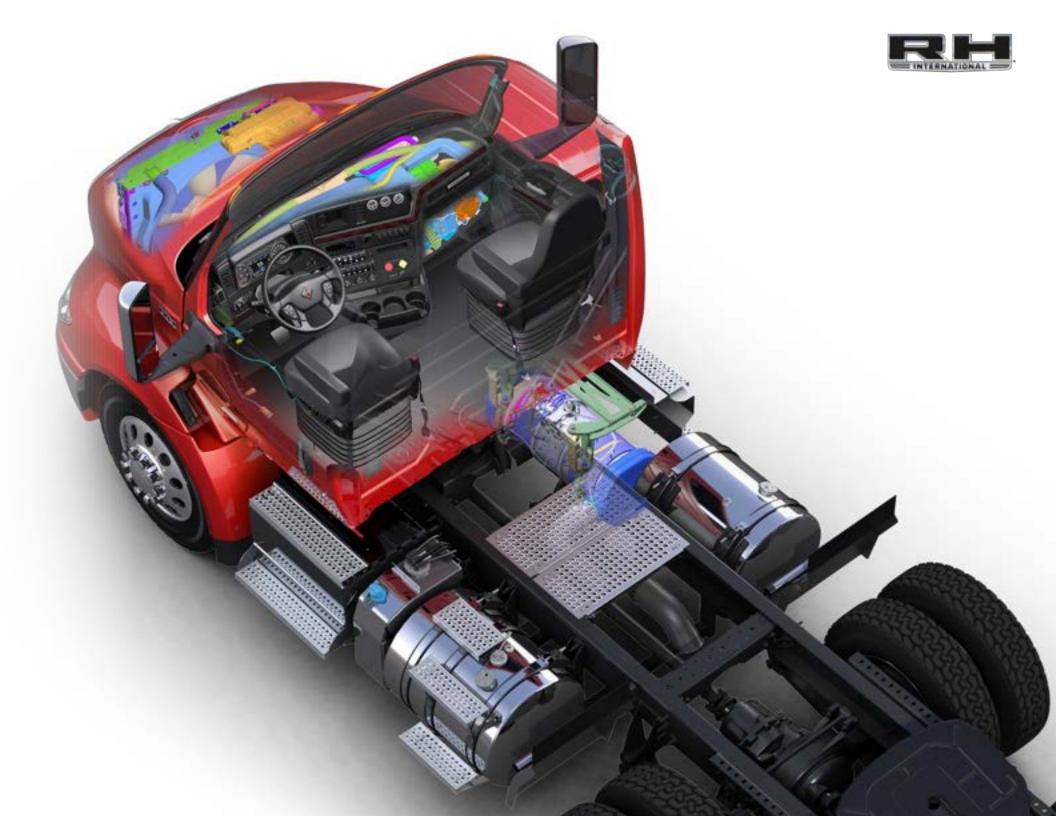


In-cab electrical panel



Laser-etched steering wheel controls

- Driver controls and instrumentation are based on robust industry-standard SAE J1939 electrical architecture, with a premium gauge cluster and switches designed to keep drivers focused and maximize uptime.
- ▶ Steering wheel control labels are laser-etched for maximum readability and durability.
- ▶ **Key interior fasteners** are exposed for more intuitive access and easier servicing.
- ▶ The powerful HVAC system employs advanced automotive heating and cooling technology to deliver optimal comfort and reliability. The system endured rigorous testing in extreme temperatures to deliver best-in-class visibility and comfort.
- ► The max defrost feature in the HVAC system helps clear windows faster in colder climates, providing quicker, clearer visibility for increased uptime and less waiting.
- ► Cab wiring features a power distribution module that's located inside the cab, protected from the elements.
- ▶ The **hood** opens wide for easy serviceability. It features torsion bar lift assist to enable lifting with one hand and gas strut control to prevent the hood from closing too quickly.
- ► The easily removable **3-piece bumper** provides quick service access to front components.
- Standard LED headlamps last longer than traditional headlamps while delivering brighter light pattern and intensity.





DRIVERFIRST™

LISTENING AND DELIVERING.

From the very beginning, priority #1 for the International® RHTM Series was to design a truck that drivers would really want to drive. To achieve this goal, we turned to the people who know driving best - real truck drivers.

These professionals gave us honest, priceless input during numerous research sessions and driver clinics. Then we set about redesigning, fine-tuning, and retesting until drivers agreed, "This is the truck I've always wanted to drive."

That's how the RH Series became the most drivercentric truck on the road today. It has more intuitive controls, enhanced visibility, a quieter cab, critical information at your fingertips, and dozens of other smart features that help keep a driver comfortable and in control over the long haul.







AN INTUITIVE, CUSTOMIZABLE COMMAND CENTER.

Every detail inside the International® RH™ Series cab has been carefully designed, measured, and clinic-tested to benefit the driver. The gauges are optimized for readability, usability and position, so key information and alerts are precisely where they need to be. The standard premium gauge cluster features a customizable digital display that lets drivers intuitively select the information they prefer in a variety of situations.

The color, illumination, legibility-and even the type font and size of gauges-is designed to deliver optimal viewing in varying light conditions, maximizing alertness and minimizing eye fatigue.



Driver safety is alw Fusion™ system w warning (pictured from a number of Wingman Advance











ays a priority. That's why the RH Series includes standard Bendix® Wingman® ith collision mitigation technology, adaptive cruise control, lane departure here), over-speed alert, and stationary vehicle braking. You can also select proven stand-alone safety systems to meet your specific needs. Bendix ed™ and Wabco OnGuard ACTIVE™ are also available.

The premium gauge cluster includes a customizable digital display which provides a wealth of information for the driver, including:

- Real-time fuel economy
- Axle load*
- Custom gauge settings*
- Safety indicators*
- Digital speedometer
- Tire pressure*

^{*}When added with optional feature code for required sensors







TAILOR THE INTERNATIONAL® RH™ SERIES TO SUIT YOUR DRIVER AND FIT YOUR BUSINESS.

Cab Features

Cab Trim Panels

Door Trim

Trim Inserts

Instrument Panel

Gauge Cluster

Accent Color
Sun Visors
Lighting
Window Controls
Lock Controls
Cup/Bottle Holders

USB Accessory Port

Overhead Console

Classic

Easy-to-Clean, Soft Touch Vinyl

Easy-to-Clean, Soft Touch Vinyl

Neutral

Black

8-Gauge, 3.5" Display with Odometer and Trip

Optional: Premium 8-Gauge, 5" Color Display with Virtual Gauges

Neutral

Two

LED

Power

Manual or Power

Four

Molded Plastic with Retainer Nets and CB Radio Housing and

Paper Towel Storage in Sleeper Configuration

Up to 4







Diamond

Mineral Grey Teak

Easy-to-Clean, Soft Touch Vinyl with Mineral Grey Teak Inserts and Chrome Handle

Mineral Grey Teak Trim

Black

8-Gauge, 3.5" Display with Odometer and Trip

Optional: Premium 8-Gauge, 5" Color Display with Virtual Gauges

Mineral Grey Teak

Two

LED

Power

Power

Four

Molded Plastic with Retainer Nets and CB Radio Housing and

Paper Towel Storage in Sleeper Configuration

Up to 4

Diamond Elite

Satin Mahogany

Easy-to-Clean, Soft Touch Vinyl with Satin Mahogany Inserts and Chrome Handle

Satin Mahogany Trim

Black

8-Gauge, 3.5" Display with Odometer and Trip

Optional: Premium 8-Gauge, 5" Color Display with Virtual Gauges

Satin Mahogany

Two

LED

Power

Power

Four

Molded Plastic with Retainer Nets and CB Radio Housing and

Paper Towel Storage in Sleeper Configuration

Up to 4





AVAILABLE CONFIGURATIONS



Day Cab

113" BBC Local, Regional, Bulk and Specialized Applications



56" Low Roof Sleeper

113" BBC Regional Line Haul, Bulk, Flatbed and Specialized Applications



56" Hi-Rise Sleeper

113" BBC Local to Regional-Haul and Specialized Application

GVW

▶32,000 - 60,000 lbs.

BBC/BA

▶113"/50"

Day Cab Configurations

- ▶56" Low Roof Sleeper
- ▶56" Hi-Rise Sleeper

Wheelbase Options

- ▶140 226" 4x2
- ▶152 270" 6x2, 6x4

Axle Configurations

▶4x2, 6x2, 6x4

Rear Axle

- ► SINGLE REAR AXLE (4x2)
- Meritor: 23.000 lbs.
- Dana Spicer: 23,000 lbs.
- ► TANDEM REAR AXLE (6x4)
- Meritor: 40,000 46,000 lbs.
- Dana Spicer: 40,000 46,000 lbs.

Front Axle

- Hendrickson: 12,350 14,000 lbs.
- Dana Spicer: 12,350 14,000 lbs.
- Meritor: 12,350 14,000 lbs.

Frames

► Heat-treated Alloy Steel 120,000 PSI

Front Suspension

- ▶ Spring Monoleaf: 12,350 13,200 lbs.
- Parabolic Taperleaf: 12,350 14,000 lbs.

Rear Suspension

- ► AIR SINGLE
- International®: 20,000 lbs.
- ► AIR TANDEM
- International: 40.000 lbs.
- Hendrickson: HAS 40,000 46,000 lbs.

Electrical System

- ALTERNATORS
- Leece-Neville: 12 Volt, 160, 210, 240, 325* Amp
- Delco Remy: 12 Volt, 165*, 200, 300* Amp
- * brushless type alternator
- ▶BATTERY SYSTEMS
- Fleetrite®: 12 Volt 1980 9200 CCA
- JCI: 12 Volt 2250 3000 CCA
- Deka: 12 Volt 2920
- Enersys Odyssey: 12 Volt 3450 4600 CCA

Exhaust System

- Single Canister After Treatment Device, Frame Mounted Right Side Under Cab
- ▶ Horizontal or Vertical Exhaust

Brakes

- ► Air Disc Brakes with Automatic Traction Control and Electronic Stability Control
- ► Air Drum Brakes with Automatic Traction Control and Electronic Stability Control

Integrated Powertrains

- International® S13 12.74L
- 370 515 hp
- 1,450 1,850 lb.-ft.
- ►International® T14
- 14-speed automated manual transmission

Engines

▶International® A26: 400 - 515 hp and 1,450 - 1,850 lb.-ft.

Transmissions

- ► Automated Manual Transmissions
- Eaton Endurant: 11, 12 speed
- Eaton Fuller UltraShift PLUS: 13, 18 speed
- Eaton Fuller Advantage: 10 speed
- ► Manual Transmissions
- Fuller: 10, 13, 18 speed
- ► Automatic Transmissions
- · Allison 3000: 6 speed

Fuel Tanks

- ▶ 70 120 Gallon, Dual, Non-Polished or Polished Aluminum, Mounted Back of Cab or Under Sleeper
- ▶70 120 Gallon, Single, Non-Polished or Polished Aluminum, Mounted Back of Cab or Under Sleeper



| Sleeper Features | Classic | Diamond | Diamond Elite |
|-------------------------|---|---|--|
| 12-Volt Power Supply | Standard | Standard | Standard |
| Trim Panels | Easy-to-Clean, Soft Vinyl Neutral Trim Panels | Easy-to-Clean, Soft Touch Vinyl with Mineral Grey Teak Accents | Easy-to-Clean, Soft Touch Vinyl with Satin Mahogany Accents |
| Headliner | Soft Vinyl | Soft Vinyl | Soft Vinyl |
| Sleeper Windows | Standard | Standard | Standard |
| Windshield Curtain | Optional | Optional | Optional |
| Sleeper Control Panel | Standard | Standard | Standard |
| Microwave Accommodation | Optional | Optional | Optional |
| TV Accommodation | Optional | Optional | Optional |





56" Low Roof Sleeper Features

| d Storage | Overhead |
|-----------|----------|
|-----------|----------|

Two Airline-Style Cabinets Standard, with an Option for Two Additional

Two Airline-Style Cabinets Standard, with an Option for Two Additional

Two Airline-Style Cabinets Standard, with an Option for Two Additional

56" Hi-Rise Sleeper Features

Overhead Storage
Rear Wall Storage

Two or Four Compartments with Netting

Optional

Two Compartments with Netting or Doors

Two Compartments with Netting or Doors
Optional

Optional







CRITICAL VEHICLE HEALTH DATA AT YOUR FINGERTIPS.

OnCommand® Connection Advanced Remote Diagnostics transforms raw vehicle data into actionable insights to help you stay in front of potential vehicle issues and keep your International® RHTM Series at peak performance.



FEATURES INCLUDE:

- Reports on vehicle health issues that include severity ratings, likely needed parts and service, and recommended actions
- Comprehensive vehicle health reports that include performance data, fault history, and more
- Up-to-date GPS location with customizable geofencing reports that can help ensure vehicles are where they need to be
- Insights delivered how you need it via our online portal, your email inbox, a mobile app, and more.





TAKE YOUR PERFORMANCE TO THE NEXT LEVEL

We offer additional tools powered by OnCommand® Connection designed to give your business and operations that extra edge.

| OTA Programming | Ensure peak performance with remote software calibration updates to the S13 Integrated Powertrain, anytime or anywhere |
|---------------------------------------|--|
| Fleet Health Monitoring | Reduce breakdowns with weekly reports on vehicles at highest risk of roadside failure |
| Advanced Preventive Maintenance | Optimize PM spending with data-driven, customized interval recommendations for your trucks |
| Advanced Fuel Analytics | Improve fleet efficiency with reports on key driver behaviors and other factors that affect fuel economy (i.e., cruise control use, idle time, harsh acceleration) |

TRANSPARENT SERVICE **COMMUNICATIONS WITH** YOUR DEALER

Knowing when your vehicle's service and repair events will be complete is critical to keeping your business up and running. International® 360 makes the entire process faster and easier to manage.

- Updates via text and email keep you informed on the status of vehicles in service, including estimated time of completion
- Integrates telematics, dealer parts inventory, and other vital information into one easy-to-use tool
- Centralizes vehicle health data, service history, and more





- OnCommand[®] Connection **Advanced Remote Diagnostics**
- International[®] 360
 - Over-the-Air Programming
 - Fleet Health Monitoring
 - Advanced Preventive Maintenance
 - Advanced Fuel Analytics
 - TPMS Integration (requires TPMS system installed on truck)
 - Gateway Integrations



WHEN COMBINED, THESE SOLUTIONS **CAN HELP FLEETS SAVE UP TO \$5,000 OR MORE OVER FIVE YEARS***

*depending on annual miles driven and other operational conditions



DRIVING PROFITABILITY

MORE TIME ON THE ROAD AND LESS TIME WAITING FOR REPAIRS.

We understand making money means keeping your vehicles on the road. That's why uptime is so important to us. Dependable equipment spec'd for your needs or requirements is just the beginning. We also focus on fuel economy, preventive maintenance, optimized service intervals, and more to make sure the low cost of ownership of our vehicles helps keep you in the black.







Maximum Uptime -Repair before Failure

Prognostics that move unplanned repairs to planned. Optimizing maintenance using vehicle performance and predictive data.



Predictive Parts Stocking

Dealer parts inventory management uses AI and telematics data to predict stocking needs. This ensures the best parts are on dealer shelves to support customers.



OVER OVER 700 + 400INTERNATIONAL® **LOVE'S LOCATIONS DEALER LOCATIONS**

OVER

Our partnership with Love's and **Speedco** adds 400+ additional locations for quick, conveniently located access to light mechanical and select warranty work.

PARTS YOU NEED WHERE AND WHEN YOU NEED THEM





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. TAD17012 12/2022 ©2022 NAVISTAR Inc. All rights reserved. All marks are trademarks of their respective owners.