When it comes to getting the tough jobs done, few trucks are as ready to get down and dirty as the International® TerraStar. That's because the rugged TerraStar was built from the ground up to be the ultimate commercial-duty truck.

TerraStar hails from 100 years of truck-building experience. That expertise shows in every facet of this truck. TerraStar is built on the three pillars of commercial-duty performance: ease of operation, efficient power and commercial-grade components.

So if you need a tough, reliable and efficient work truck that'll get the job done, the TerraStar isn't just up for the job—it was born for it.
**Best-In-Class Cab Room**

We built TerraStar® with room to spare. Compared to the leading competitor, TerraStar gives you 8" more interior width, 11" more headroom, 2" more belly room, and 20% more overall cab volume.

**Compared to the leading competitor, TerraStar gives you:**
- Best-in-class visibility
- Best-in-class cab room
- Easy-tilt hood
- Easy-entry and egress
- Excellent maneuverability
- Smoother ride and handling with iROS
**Best-In-Class Visibility**

When you’re on the job, the better you see, the better you perform. The TerraStar offers 38% better front forward visibility versus the leading competitor, for increased safety and efficiency.

- Large, curved, swept-back windshield offers commanding view of the road
- 15-degree sloped hood provides superior ground visibility
- King-size mirrors with large convex section and oversized vent wing windows give drivers excellent side and rear visibility

**Easy Entry and Egress**

62” door swing makes it one of the most accessible cabs in the industry.

**Maneuverability**

Excellent rear visibility further enhances safety.

**Standard Automatic Transmission**

The standard commercial-duty Allison 1000 and optional Allison 1350 series transmissions give TerraStar easy drivability.

* Based on 4 x 2 configuration
Whatever your business, a fully integrated, fully capable truck and engine is a must to ensure top performance and reliability. Thanks to the 300-hp MaxxForce® 7, a V-8 designed for medium duty, TerraStar® delivers just that.

<table>
<thead>
<tr>
<th>EFFICIENT POWER YOU CAN COUNT ON</th>
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<table>
<thead>
<tr>
<th>The MaxxForce® 7 Engine Features:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compacted graphite iron engine block (high strength, less weight)</td>
</tr>
<tr>
<td>Outstanding fluid economy due to high pressure common rail system</td>
</tr>
<tr>
<td>Lower NVH helps to make jobsites safer</td>
</tr>
</tbody>
</table>

*Diamond Logic Interior Commercial-Grade Ease of Operation*
MaxxForce® 7 Specs
Built on a high-strength, lightweight CGI engine block, MaxxForce 7 is purpose-built for your business.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak Horsepower (bhp @ 2600 rpm)</td>
<td>300</td>
</tr>
<tr>
<td>Peak Torque (lb.-ft. @ 1600 rpm)</td>
<td>660</td>
</tr>
<tr>
<td>Gov. Speed (rpm)</td>
<td>2900</td>
</tr>
<tr>
<td>Clutch-Engagement Torque (lb.-ft. @ 800 rpm)</td>
<td>350</td>
</tr>
</tbody>
</table>

Outstanding Fuel Economy
A major key to MaxxForce 7 performance is its advanced fuel system, which features high injection pressure of 1900 bar (approximately 28,000 psi) for precise fuel dosing, injection timing and optimal combustion. The results: better fuel efficiency and one of the quietest running diesel engines in the industry.

Excellent Power
The MaxxForce 7 provides big power in an efficient V-8 package. Horsepower has been boosted up to 300 horsepower and 660 lb.-ft. of torque. The dual sequential turbochargers design and high-pressure common-rail fuel system yield higher peak power for impressive acceleration, grade climbing and towing capability.

Driver Comfort
The industry leading precision high-pressure fuel injection system features electronically-actuated piezo injectors that deliver up to five independent injections per cycle for smooth, full combustion. This results in low NVH and smooth acceleration for exceptional drivability and one of the quietest diesel engines on the road.

Reliability
The MaxxForce 7 was designed for maximum reliability and serviceability. Robust components – starting with the high-strength compacted graphite iron (CGI) block – and reduced electrical connections mean more uptime and faster service turnarounds. The MaxxForce 7 features the industry’s only Class 4-7 CGI block. The MaxxForce 7’s compacted graphite iron block brings increased durability and lower noise without added weight, compared to typical gray iron. CGI has at least 75% higher tensile strength, 45% higher stiffness and near double the fatigue strength of gray iron.

Strengthen Without Mass
Thanks to a cylinder block made of compacted graphite iron, the MaxxForce 7 is both stronger and lighter than conventional engines built with gray iron.
From the get-go, TerraStar® was designed to exceed the expectations of work truck customers, and to set new industry standards for the Class 4/5 market. The result is a truck that’s commercial-duty in every aspect.

**TerraStar Features:**
- Best-in-class frame rails, rated at 80,000 PSI
- Huck-bolted cross-members and frames
- Commercial-duty Allison 1000 and 1350 series transmissions
- Frame-mounted steel steps
Best-In-Class Frame Rails
Made from high-strength, low-alloy steel, TerraStar frame rails are rated at an incredible 80,000 PSI, that’s 30,000 PSI more than the leading competitor, and gives you the highest yield strength in Class 4/5.

Huck-Bolted Frame
The cross-members and frame on the TerraStar are huck-bolted together. It also features standard C-Channel reinforcement over the transitional rail area, for maximum toughness and reliability.

Allison Transmission
TerraStar’s available rugged, commercial-duty Allison 1000 and optional Allison 1350 series transmissions provide optimal on-the-job performance and durability. Their seamless power shifts allow faster acceleration, while making trucks more nimble and easier to maneuver.

Available 4x4 Drive Train
With the release of the new TerraStar 4x4, you’ll be able to venture into terrain that other trucks don’t dare touch, bringing a whole new level of versatility to your fleet.

Fabco Transfer Case (4x4)
The only gear driven transfer case in its class
Chain driven transfer cases can’t carry the high loads that the forged helical gears of the Fabco case can carry and stretch and break over time
Forged helical gearing with tapered roller bearings gives high torque and horsepower capacities while offering a quiet and smooth driving experience on the highway
The 2-speed design with deep reduction low range gear ratio enables for greater off road mobility
Precision cast iron housing also offers rugged durability with optimized weight

High-Strength Frame Rail
TerraStar’s low-alloy steel frame rails are rated at a remarkable 80,000 PSI to help you take on tougher loads than the competition can handle.

Frame-Mounted Steps
Unlike competitive trucks, which offer cab-mounted molded plastic running boards (or none at all), TerraStar features commercial-grade steel steps mounted to its frame, for easier cab entry and egress.
The Diamond Logic® Advantage
With the Diamond Logic® electrical system, the engine, transmission, instrument panel and other vehicle components continuously communicate with each other electronically. By monitoring critical vehicle functions and relaying information to the driver, it ensures safe, efficient vehicle operation.

This self-diagnosing and self-monitoring system, which also features automated pre-trip vehicle inspections, allows drivers and technicians to accurately pinpoint electrical problems, for quicker troubleshooting and repairs.

Operational Benefits:
- Increases reliability and uptime
- Reduces repair costs
- Maximizes profit
- Diagnostics and safety interlocks make for greater uptime
State-of-Art Multiplexing Technology
Multiplexing is the foundation for communication between functional areas of the vehicle.

- Gives you constant updates on all vehicle components, to head off potential problems faster
- Reduces wiring by 40%, for fewer electrical shorts and fewer breakdowns
- Electronic circuit modules and software perform vehicle functions, instead of a complex wiring harness

DIAMOND LOGIC DELIVERS

1. A stored record of programmed electrical circuit configuration, for future reference in troubleshooting of updating systems, prevents undue travel and labor costs when repairing vehicle.
2. Reliability and life expectancy are increased with low current components and long-life LEDs for gauge cluster warning lights and switch indicators, maximizing uptime.
3. Onboard diagnostics monitor electrical modules. Trouble codes are shown on the LCD display and stored in the system for quick troubleshooting and increased uptime.
4. A full range of pre-programmable features, including pre-trip inspections (e.g., a light check function), that help drivers ensure truck is ready for service.
5. Safety interlocks, which are operational limits and rules within the electrical system, can be set to avoid costly damage or injury to the vehicle, the equipment or the operator.

Pre-programmable Features & Applications
Diamond Logic’s programmable system allows for the option of automation of tasks and interlocks, to protect the equipment from inadvertent damage due to operator error.

- Headlights can be programmed to turn on with windshield wipers
- When the parking brake is released, the PTO will shut down
- Safety interlocks based on the truck’s application

APPLICATIONS

- **Dump** A back-up alarm and dump bed indicator lights and tarp controls can be factory-installed for safety and TEM convenience.
- **Fire/Emergency** Passenger-controlled air horns can be factory-installed, as well as a remote engine speed control to set the pump speed as well.
- **Propane/Compressed** A theft-deterrent system can be added, requiring a security code for the vehicle to be driven. Air solenoids can be factory-installed to control valves to the propane delivery system. Remote shutdown allows driver to shut off the engine outside of the cab in emergencies.
- **Utility** Alarms can be installed to alert drivers and operators when equipment is not stored properly. Remote power modules (plug and play integration between body equipment and chassis) can be installed.
A truck’s interior and comfort level can make all the difference between a good workday and a bad one. Fortunately for drivers of the TerraStar, its interior was built for maximum job satisfaction.
Comfort and Productivity

- The 82" cab is 8" wider than the leading competitor
- Cab height is 11" greater than competition—the most headroom in its class
- Cab volume is 20% larger than the leading competitor
- Ergonomic dash layout, instrument panel design and steering wheel positioning
- Flat floor and no tunnel housing for increased comfort and cab room

- High-output HVAC systems and available state-of-the-art filtration systems
- Storage includes standard overhead console, dual cup holders, driver’s door pocket
- Industry’s largest extended cab option and industry’s largest crew cab that seats up to six comfortably
- Optional adjustable tilt telescopic steering column

Quality Ride

- Four-point rubber cab mounts isolate cab from road noise and vibration
- Premium cab insulation and tight, automotive-grade cab seam tolerances reduce noise, vibration, severe temperatures and road noise

Easy Upfitting

- Center dash panels can accommodate banks of auxiliary switches for aftermarket controls
- Flat cab floor allows for routine installation of body control equipment
An International® Truck Specialty Center can modify TerraStar® to your needs while maintaining our rigorous standards. TSC Sales Engineers can help you install job-specific equipment and boost vehicle performance. And we can do it all without voiding the original warranty.

So to get the modifications you need to get your specific job done, count on an International Truck Specialty Center.

### Interior Trim

<table>
<thead>
<tr>
<th></th>
<th>Deluxe Trim Level</th>
<th>Premium Trim Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cab Interior Trim Panels</td>
<td>Cloth-Covered Molded Plastic</td>
<td>Cloth-Covered Molded Plastic</td>
</tr>
<tr>
<td>Door Trim Panels</td>
<td>Molded Plastic</td>
<td>Molded Plastic with Cloth Insert on Bolster</td>
</tr>
<tr>
<td>Headliner</td>
<td>Soft Padded Cloth</td>
<td>Soft Padded Cloth</td>
</tr>
<tr>
<td>Cab Sound Insulation</td>
<td>Available</td>
<td>Standard</td>
</tr>
<tr>
<td>Seat Material</td>
<td>Cloth, Vinyl</td>
<td>Cloth, Vinyl</td>
</tr>
<tr>
<td>Floor Covering</td>
<td>Black Rubber</td>
<td>Black Rubber</td>
</tr>
<tr>
<td>Instrument Panel Trim</td>
<td>Molded Plastic with Black Center Section</td>
<td>Molded Plastic with Black Center Section</td>
</tr>
<tr>
<td>Sun Visor</td>
<td>Two Visors with Driver Side Toll Ticket</td>
<td>Two Moveable Visors with Driver Side Vanity Mirror, Toll Ticket Strap and Auxiliary Visor</td>
</tr>
<tr>
<td>Coat Hook</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Dome Light</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Courtesy Light</td>
<td>Available</td>
<td>Available</td>
</tr>
<tr>
<td>Door Storage Pocket</td>
<td>Molded Plastic, Driver Side</td>
<td>Molded Plastic, Driver and Passenger Side</td>
</tr>
<tr>
<td>Overhead Console</td>
<td>Molded Plastic with Dual Storage Pockets with Retainer Nets and CB Radio Pocket</td>
<td>Molded Plastic with Dual Storage Pockets with Retainer Nets, CB Radio Pocket, Speakers and Reading Lights</td>
</tr>
<tr>
<td>Cup Holders</td>
<td>Two Cup Holders in Lower Instrument Panel</td>
<td>Two Cup Holders in Lower Instrument Panel</td>
</tr>
<tr>
<td>Ambient Temperature Gauge and Compass</td>
<td>Available</td>
<td>Standard</td>
</tr>
</tbody>
</table>
Visit InternationalTrucks.com/terrastar to custom-build a TerraStar to suit your specific business needs.
TAKE COMMAND OF YOUR BUSINESS

In order for your business to run at its best, your trucks must be running at their best. That's why we created OnCommand, the most customer-friendly package of service solutions in the industry.

With an arsenal of business tools to choose from, OnCommand helps you achieve more efficient repairs and maintenance, better lifecycle value, and an overall lower total cost of ownership. Ultimately, it gives you better control of your business.
## The Three Categories of OnCommand™ Solutions

### Knowledge
- **OnCommand Service Information**: A centralized, VIN-based, online source of parts and service information for fleet managers and technicians. Facilitates faster, more accurate diagnosis, repair and maintenance.
- **OnCommand Parts Information**: This web-based catalog provides instant access to parts lists. Includes illustrated parts breakdown diagrams, for easier parts identification. Shows real-time parts availability.

### Control
- **OnCommand Service Partner**: This dealer-provided maintenance and repair program provides fast, accurate repair estimates, fixed labor times for specific repairs, and expedited service.
- **OnCommand Fleet Charge®**: This powerful purchasing card program gives customers guaranteed pricing, consolidated billing, customized accounts and parts information. Helps manage parts and service expenses.
- **OnCommand Preventive Maintenance**: This program ensures that vehicles get the best parts, premium oil and filters, and exclusive service from factory-trained, certified technicians. Purchase by job or for extended periods.
- **OnCommand Parts Return Program**: An industry-unique program to return unused parts (whether excess or obsolete), regardless of make, with the potential for full reimbursement at fleet cost.

### Education
- **OnCommand Education**: Vehicle maintenance education solutions for technicians, operators and fleet managers, including both web-based courses and instructor-led training at local training centers.

With its parts breakdown diagrams, OnCommand makes finding and ordering the right parts simpler.

Trust your International dealer to provide you with factory-trained preventive maintenance and inspections to help you achieve the maximum life from your truck.
Every game-changing TerraStar® comes with continuing support, no matter when or where you need it.

With some of the industry’s best-trained technicians and an extensive parts inventory, we’ve also earned a reputation for unrivaled customer service. So you can count on us to get your trucks back on the road more quickly.

dealer network features:
- Nearly 700 dealer locations
- Nearly 8,000 technicians
- Nearly 10,000 service bays
- Nearly 200 body shops throughout North America
Navistar Capital

When it comes to financing your business, experience matters. Navistar Capital has 60 years of experience and a heritage rooted in truck financing, with financing options that can be built to meet your business needs, including:

- Retail finance contracts
- Fair market value leases
- TRAC leases
- Rebate leases

For more information, visit navistarcapital.com. In Canada, visit GEcapital.com.

### TerraStar specs at a glance

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AXLE CONFIGURATIONS</strong></td>
<td>4x2</td>
</tr>
<tr>
<td></td>
<td>4x4</td>
</tr>
<tr>
<td><strong>CAB CONFIGURATIONS</strong></td>
<td>107&quot; BBC Standard Cab</td>
</tr>
<tr>
<td></td>
<td>132.9&quot; BBC Extended Cab</td>
</tr>
<tr>
<td></td>
<td>150.9&quot; BBC 6-man Crew Cab</td>
</tr>
<tr>
<td><strong>ENGINE</strong></td>
<td>MaxxForce® 7 with 300 hp/660 lb.-ft. torque</td>
</tr>
<tr>
<td><strong>TRANSMISSION</strong></td>
<td>Allison: 1000 Series 5-Speed Automatic</td>
</tr>
<tr>
<td></td>
<td>Allison: 1350 Series 5-Speed Automatic</td>
</tr>
<tr>
<td><strong>FRONT AXLE</strong></td>
<td>Dana Spicer: 6,000 - 7,000 lbs. (4x2)</td>
</tr>
<tr>
<td></td>
<td>Dana Spicer Front Driving: 8,000 lbs. (4x4)</td>
</tr>
<tr>
<td><strong>REAR AXLE</strong></td>
<td>Dana Spicer: 10,000; 11,000; 13,500 lbs.</td>
</tr>
<tr>
<td><strong>FRONT SUSPENSION</strong></td>
<td>Taper Leaf Spring 6,000; 7,000 lbs. capacity</td>
</tr>
<tr>
<td><strong>REAR SUSPENSION</strong></td>
<td>Vari-Rate Spring(s) 11,000; 13,500 lbs. capacity</td>
</tr>
<tr>
<td></td>
<td>Air Ride (IROS) 12,000 lbs. capacity</td>
</tr>
<tr>
<td><strong>FRAME RAIL</strong></td>
<td>High-strength, Low-alloy Steel</td>
</tr>
<tr>
<td></td>
<td>80,000 PSI Rating</td>
</tr>
<tr>
<td><strong>GVWR CAPACITY</strong></td>
<td>16,000 - 19,500 lbs.</td>
</tr>
<tr>
<td><strong>BRAKES</strong></td>
<td>Hydraulic Disc with ABS</td>
</tr>
<tr>
<td><strong>ELECTRICAL SYSTEM</strong></td>
<td>Diamond Logic® Electrical System: Multiplexed</td>
</tr>
<tr>
<td></td>
<td>Alternators: 120, 185, 220, 320 Amp</td>
</tr>
<tr>
<td></td>
<td>Battery Systems: Up to 3 Batteries</td>
</tr>
<tr>
<td><strong>TIRES</strong></td>
<td>Continental</td>
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<tr>
<td></td>
<td>Goodyear</td>
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<tr>
<td></td>
<td>Michelin</td>
</tr>
<tr>
<td><strong>EXTERIOR TRIM</strong></td>
<td>Argent</td>
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<tr>
<td></td>
<td>Chrome</td>
</tr>
<tr>
<td><strong>PAINT</strong></td>
<td>Thousands of Different Color Options</td>
</tr>
</tbody>
</table>

- Goodyear
- Michelin
- Thousands of Different Color Options