



SHIFT WHAT'S POSSIBLE



S13 INTEGRATED POWERTRAIN MOBILE TOUR CUSTOMER EXPERIENCE GUIDE

WELCOME TO THE S13 INTEGRATED POWERTRAIN MOBILE TOUR

You will experience the latest advancements in powertrain technology from International Truck. This event offers you an up-close and personal opportunity to explore the International® S13 Integrated Powertrain, an advanced system that delivers superior operating economy, stellar performance, simplicity and serviceability.



LT 73"
SKYRISE SLEEPER



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INTRODUCTION TO THE S13 INTEGRATED POWERTRAIN

Our team of highly skilled engineers from various parts of the world have worked tirelessly to create an advanced integrated powertrain. The International® S13 engine, T14 transmission, and Dual Stage Aftertreatment System have been developed from scratch to provide exceptional performance, superior operating economy, and easier servicing. These three components function as one unit to offer a seamless experience.

S13 Engine

- Lightest 13L powertrain in North America built to Traton Global Quality Standards
- Clean burn combustion cycle with dual overhead cam design
 - Cooled EGR eliminated — No EGR Cooler
 - 23:1 compression ratio, providing optimal performance and delivering industry-leading fuel economy
- Fixed Geometry Turbo — a more reliable, less complex design — enabled by clean burn combustion cycle
- Quiet engine compression braking
- Lower Fuel Pump Pressures vs. A26 — reducing parasitic loads

T14 Transmission

- 14-speed transmission optimized for Direct Drive (13th)
- Designed to be an automated transmission for performance, drivability, and productivity
- Single and Dual PTO options are available
- Integrated control with the S13 to reduce shift times and improve smoothness
- Wide gear ratio set — improved startability with downsped, low axle ratios

Dual Stage Aftertreatment

- Designed to maximize SCR performance with dual DEF dosing
- Dual Stage aftertreatment is designed to eliminate NOx
- No active regenerations and no Diesel Oxidation Catalyst (No Fuel Dosing)
- DPF service intervals extended



INTERNATIONAL® LT® SERIES

The new International® LT® Series, equipped with the revolutionary International® S13 Integrated Powertrain, combines powerful performance with mind-blowing fuel economy in a simple, easy-to-service design. The LT® Series brings profit-boosting efficiency, uptime-boosting dependability, and driver-friendly usability.

INTERNATIONAL® HX® SERIES

The International® HX® Series, now equipped with the International® S13 Integrated Powertrain, has been designed to set new standards at job sites. This heavy-duty truck comes with multiple factory-installed power take-off (PTO) options, making it highly versatile. Additionally, it is designed for precise low-speed maneuverability and is easily serviceable. The International® HX® Series is renowned for its exceptional performance in challenging applications while offering a luxurious experience for drivers.

