

PENSKE

Dedication at every turn.



2011 International ProStar

73" Hi-Rise Sleeper

FUEL ECONOMY

The ProStar will demonstrate best-in-class aerodynamics design developed through extensive wind tunnel testing. Aerodynamic features include a sloped, wrap around windshield, optimized "A" pillar design, minimized wheel openings, minimized chassis skirt ground clearance, minimized bumper end gap, lowered hood and optimized roof shaping. Upgraded sleeper insulation results in increased A/C and heating efficiency. Advanced aerodynamics have been shown to improve fuel economy by 4% over prior International models.

SAFETY

An aggressively sloped hood provides improved visibility. A large, one piece, wrap around windshield with over 2000 square inches of surface area provide an improved view of the road. The 50-degree wheel cut allows for superior maneuverability and roll stability. Outboard mounted cab suspension reduces vehicle "wallowing" while cornering. Easy to grasp door handles with wide door openings. Offset steps provide three-point easy entry and egress system. Grab handles are mounted inside doors for protection from the elements. Tilt/telescopic wheel assists entry/egress.

TECHNOLOGY

Advanced electronic features include: pre-trip lighting inspection, lights on with wipers, park brake alarm, diff lock protection and air suspension dump protection. Advanced Multi-plex wiring, self-calibrating gauges with redundant warning systems offer additional prognostic and diagnostic capabilities along with increased electronic features.



UPTIME/RELIABILITY

Modular composite headlamps reduce weight while increasing durability. The sheet-molded compound hood is less prone to star cracking. The slope and curve of the windshield, along with thicker outer glass, resists chips and cracks. The high quality huck-bolted frame ladder provides torsional stiffness for improved handling while the Tilt-away bumper feature allows for easy fluid checks and service. Double-sided electro galvanized steel cab provides long life and best-in-class corrosion resistance. Base coat/clear coat paint finish resists scratches and fading.

DRIVER RETENTION

Outboard mounted Cab Air Ride and four-point lateral control delivers a superior ride through the industry's first cab strut suspension. Results from extensive driver interviews and research have developed into advanced ergonomic features including: seat, switch, gauge, pedal and cabinet positioning. Steering wheel mounted controls for the horn, cruise, headlight flash and marker interrupt have automotive styling. The "Scissor" suspension air seats increase comfort and dampening characteristics. Wind tunnel testing and body panel modifications resulted in reduced wind noise. "Airline" style sleeper cabinets and storage areas provide optimal driver comfort. EZ tilt hood requires just 30 lbs. of force to open. Improved steering feel through on-center steering technology.



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SPECIFICATIONS

DIMENSIONS

- Wheelbase - 224"
- CA actual - 89"
- Front axle set-back - 50"

CAB

- 186" BBC aluminum conventional

ENGINE

- Smart Torque 1550/1750 450 HP Cummins ISX 450
- Engine brake - Cummins Interbrake
- Cold weather package
 - heated fuel water separator
 - 1500 watt block heater, thermostatically controlled
- Bright finish exhaust pipe

TRANSMISSION

- Fuller FRO-16210C 10-speed overdrive

CLUTCH

- Eaton HD Solo 15.5" dampened ceramic, easy pedal, soft rate

FRONT AXLE

- 12,350 lb. Dana Spicer I-Beam
- Automatic slack adjusters

FRONT SUSPENSION

- 12,350 lb. taper leaf with maintenance free rubber bushings

REAR AXLE

- 40,000 lb. Dana Spicer single reduction
- 3.55 ratio
- Automatic slack adjusters

REAR SUSPENSION

- 40,000 lb. air ride - International ride optimized suspension with shock absorbers

FRAME

- 10.125 X 3.580 X 0.312 steel rail, 120,000 psi
- Huck bolted
- Flange tapered end of frame

FUEL TANKS

- Dual 125 gallon, 26" diameter non-polished aluminum

TIRES

- Steer - Goodyear G395 11R22.5
- Drive - Goodyear G362 11R22.5

WHEELS

- Painted white 22.5 X 8.25, 10-bolt hub piloted steel disc, 2 hand hole

CAB INTERIOR

- Premium level blue interior
- Driver seat - high back - air suspension with adjustable lumbar support, cloth insert with leather facing
- Passenger seat - high back - air suspension with adjustable lumbar support, cloth insert with leather facing
- A/C Blend-Air heater & defroster
- Steering column - adjustable tilt/tele
- 18" leather wrapped steering wheel
- Ivory faced gauges with chrome bezels
- Cigarette lighter and power source terminal with ashtray and cup holder in dash console
- AM/FM/CD player with weatherband, clock and alarm, satellite radio compatible
- C.B. radio accommodation package
- 42" deluxe inner spring lower mattress
- Left and right power windows
- Power door locks
- Windshield privacy curtain
- Cabinet/dresser and wardrobe

CAB EXTERIOR

- Steel cab
- Chrome grille
- Chrome bumper
- Chassis skirts
- Aerodynamics - full roof air deflector with extensions and cab side extenders
- Mirrors - aero type, bright finish arms with painted body color heads, break-a-way type brackets, heated and thermostatically controlled
- 5th wheel - Fontaine air slide with left hand release
- Tinted windows
- Clear halogen fog lights, rectangular
- Left hand back of cab access with flush mounted deck plate
- L.E.D. stop/tail/turn
- Exterior sun visor with L.E.D. lights
- Dual, bright fender mounted mirrors
- Power source for trailer lift gate

CAB PAINT

- White base coat/clear coat

CHASSIS PAINT

- Black polyurethane