



Dedication at every turn.



# 2011 International ProStar

## Tandem Axle Day Cab

### 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 bumper end gap, lowered hood and optimized roof shaping. Advanced aerodynamics has been shown to improve fuel economy by 4% over prior International models.

### SAFETY

The 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 3-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, remote start, diff lock protection and air suspension dump protection. Advanced Multiplex wiring, self-calibrating gauges with redundant warning systems offer additional prognostic and diagnostic capabilities along with increased electronic features.



### UPTIME/RELIABILITY

Modular composite headlamps reduces 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 and pedal 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. 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 - 175"
- CA Actual - 103"
- Front Axle Set Back - 50"

#### CAB

- 122" BBC Aluminum Conventional

#### ENGINE

- 435 HP to 450 HP Cummins ISX  
1550/1750 lb/ft Smart Torque
- 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 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
- 3.70 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 100 gallon, 26" diameter  
non-polished aluminum

#### TIRES

- Steer - Goodyear G149 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
- Passenger seat - high back - air  
suspended with adjustable lumbar  
support, cloth insert
- A/C blend-air heater and defroster
- Steering column - adjustable  
tilt/tele
- Cigarette lighter and power source  
terminal with ashtray and cup holder in  
dash console
- AM/FM/CD player with weatherband,  
clock, satellite radio compatible
- C.B. radio accommodation package
- Black faced gauges with chrome bezel
- Left and right power windows
- Power door locks
- Moveable wing windows

#### CAB EXTERIOR

- Steel cab
- Charcoal grey bumper
- 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
- Fog lights - clear halogen  
rectangular
- Left hand back of cab access with flush  
mounted deck plate
- L.E.D. stop/tail/turn and marker lights
- Dual fender mounted mirrors
- Power source for trailer lift gate
- Roof air deflector

#### CAB PAINT

- White base coat / clear coat

#### CHASSIS PAINT:

- Black polyurethane