

**PENSKE**

Dedication at every turn.

# 2012 Peterbilt Model 587 Premium Raised Roof Sleeper

70-inch integral sleeper with front air disc brakes



*photo is not representative of specs*

The groundbreaking Peterbilt Model 587 is SmartWay certified by the Environmental Protection Agency (EPA) as fuel efficient and environmentally friendly, setting the new standard of operational efficiency, driver comfort and safety for on-highway trucks. This vehicle was designed for long-haul fleets, driving teams, or customers who demand quality, maximum aerodynamic performance and superior fuel efficiency. Key features include:

#### **FUEL EFFICIENCY**

Computational fluid dynamics have provided significant advances in air flow and drag reduction around the vehicle, increasing fuel efficiency.

#### **MANEUVERABILITY**

A newly designed steering geometry provides impressive curb-to-curb maneuverability improvement of 12 percent.

#### **VISIBILITY**

An innovative forward lighting system significantly improves visibility. It provides more consistent light distribution and better overall road coverage and down-road visibility.

#### **SAFETY IMPROVEMENTS**

A new gas spring design allows for easier opening and closing of the battery/tool box. It also helps to ensure items are stored safely and securely.

#### **SMARTNAV**

The premium interior is equipped with the revolutionary new SmartNav system, an in-dash telematics and infotainment system designed exclusively for the trucking industry. The SmartNav features a seven inch touch screen that provides diagnostic, communication and entertainment functionality.



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## SPECIFICATIONS

### DIMENSIONS

- Wheelbase 237"
- CA Actual 97"
- Front axle set-back 51"
- CA Effective 85"

### GCVWR

- 80,000 lbs

### CAB

- 191" BBC aluminum cab with fiberglass hood and fenders
- One-piece curved windshield

### ENGINE

- Cummins ISX15
- 450 HP @ 1800 RPM – 1650 lb/ft torque @ 1200 RPM
- Cummins interbrake engine brake
- 2010 EPA emission diesel technology
- CARB engine idling compliant

### TRANSMISSION

- Eaton RTLO-16913A, 13-speed overdrive manual

### CLUTCH

- Eaton solo clutch

### FRONT AXLE

- Dana Spicer E1322I 13,200 lb capacity, 3.5" drop

### FRONT SUSPENSION

- Taper leaf, spring and shocks, 13,200 lb capacity

### REAR AXLE

- Dana Spicer DSP 40 axle, 40,000 lb capacity
- 3.55 rear axle ratio

### REAR SUSPENSION

- Peterbilt lightweight low air leaf, 40,000 lb capacity air suspension

### FRAME

- 10.625" x 3.45" x .313" steel frame rails, 1,776,000 RBM
- Aluminum frame rail cross members
- Fifth wheel – SL6AWB
- 12" air slide fifth wheel with dash control

### FUEL TANKS

- Dual 120-gallon capacity 26" diameter aluminum fuel tanks
- Aero DEF tank, 20-gallon capacity, mounted LH BOC

### TIRES

- Front: Goodyear G399 LHS Fuel Max 11R22.5 x 16 PR
- Rear: Goodyear G572 LHD Fuel Max 11R22.5 x 14 PR
- SmartWay certified

### WHEELS

- Light-weight Alcoa LVL1 polished aluminum 22.5" x 8.25"

### BRAKES

- 4S/4M ABS-6 anti-lock braking system
- Front: air disc brakes
- Rear: 16.5" x 8.6" drum brakes
- Automatic slack adjusters, rear brakes
- Compliant with new stopping distance regulations

### CAB INTERIOR

- Peterbilt premium UltraRide, air-ride, high back driver and passenger seat
- Premium length, high-roof sleeper with premium interior, arctic gray
- 18" 4-spoke soft-touch foam adjustable steering wheel
- Combo fresh air heater / air conditioner, bi-level controls, side-window defrosters
- Privacy curtain on windshield
- Double bunk setup, 42" x 80" premium mattress on main bunk
- 30" walk-through space
- Sleeper comfort control
- SmartNav in-dash integrated telematics, navigation and audio system

### CAB EXTERIOR

- Outside sun visor, painted composite
- Polished stainless steel grill
- Electric, intermittent windshield wipers
- Dual heated, motorized aero bright finished door-mounted mirrors
- Dual bright finish convex aero hood-mounted mirrors
- Chassis aero fairings
- One-piece molded aero bumper, painted cab color

### PAINT

- Cab/hood/sleeper: DuPont 2-stage white base coat, clear coat
- Frame: Black