
Peterbilt
NEW
MODEL
579



INTRODUCTION 4
AERO FEATURES 6
EXTERIOR FEATURES 8
DIGITAL DASH 10
ADVANCED DRIVER ASSISTANCE SYSTEMS 12
DRIVER COMFORT 16
INTERIOR FEATURES 18
PACCAR POWERTRAIN 22
PACCAR ENGINES 24
UPTIME SOLUTIONS 26



A NEW ERA OF CLASS

What happens when the best isn't good enough? You make it better, and that's just what we did with the New Model 579. From a new, distinctive exterior design to a revamped interior, it was designed with purpose and to be driven with passion.

With improved aerodynamics combined with cutting-edge technology, the New Model 579 isn't just sleeker, it's smarter. A New Era of Class has arrived—come along for the ride.

ENHANCED AERODYNAMICS
IMPROVED FUEL ECONOMY

The New Model 579 offers the most advanced aerodynamic features and packages, improving fuel economy and your bottom line. The new hood and bumper were designed for maximum aerodynamic performance. The new air dam below the bumper further improves aerodynamics while maintaining ground clearance. New sculpted mirror heads and arms maximize aerodynamic efficiency. The new A-pillar fairing directs air across the side of the cab to improve aerodynamics and reduce noise. New wheel well closeouts provide added aerodynamics and accommodate more tire options than ever before. Tandem fairings and wheel covers were added to work with the new chassis fairings to reduce drag.

The New Model 579's EPIQ Aero packages help deliver up to a 7% improvement in fuel economy, validated through computational fluid dynamics and thousands of miles of on-road validation.

EPIQ

- *Chassis Fairings and Rubber Skirts*
- *Wheel and Under-Cab Closeouts*
- *Bumper Seals*
- *Air Dam*
- *A-Pillar Fairing*
- *Cab/Sleeper Extenders*
- *Bridge Fairing*

EPIQ MAX

- *Chassis Fairings and Rubber Skirts*
- *Wheel and Under-Cab Closeouts*
- *Bumper Seals*
- *Air Dam*
- *A-Pillar Fairing*
- *Cab/Sleeper Extenders*
- *Bridge Fairing*
- *Aero Wheel Covers*
- *Rear Axle Aero Fairings*

NEW FORWARD LIGHTING
BRILLIANT

NEW LED HEADLIGHTS

- *Increased visibility—safety for day or night*
- *Includes InfraRed heating elements for lens defrost*
- *"Green" technology consumes half the power of halogen headlights*

NEW COMBO LED LIGHTS

- *Fog light enhances visibility in most weather and road conditions*
- *Driving light doubles high-beam output*
- *Cornering light automatically illuminates with turn signal*

NEW HALOGEN HEADLIGHTS

- *Lowest-cost, lightest-weight standard Peterbilt option*
- *Easily replace bulbs*



NEW MODEL 579 MIRROR OPTIONS



AERO

- *Improved aerodynamics*
- *Exceptional visibility*



ADVANCED AERO

- *Superior aerodynamics*
- *Optimized visibility*



ADVANCED AERO

with Digital Vision System

- *Expanded field of view*
- *Improved visibility in inclement weather*
- *Night vision*
- *Selectable views (discrete, merged and look down)*



Systems Check



Optimal Fuel Economy Range



STATE-OF-THE-ART TECHNOLOGY **NEVER LOOKED SO GOOD**

The new digital display is pure Peterbilt: bold design, state-of-the-art technology and class-leading functionality. The digital display includes a configurable interface with all critical truck systems information as well as integrated Advanced Driver Assistance Systems (ADAS) technology and features, including adaptive cruise control, lane keeping assist and sign recognition. Drivers and fleets can personalize their default view, placing the most relevant information at their preferred location on the screen.

Drive Summary



Favorites





Lane Keeping Assist



Collison Mitigation



SMARTER TECHNOLOGY **SAFER DRIVER**

The New Model 579 is equipped with the latest Advanced Driver Assistance Systems (ADAS) technology, designed to lower the driver's workload, enhancing overall safety and uptime. The New Model 579 integrates high-definition camera and radar technology to enable features like overspeed alerts, collision mitigation, lane departure warning (LDW) and lane keeping assist (LKA).

LANE KEEPING ASSIST

This advanced feature utilizes an electric motor mounted on the steering column to assist the driver to stay between the travel lanes. LKA is yet another feature designed to reduce driver fatigue and increase overall comfort.

ENHANCED COLLISION MITIGATION

When triggered by a slower moving vehicle or stationary object ahead, the New Model 579 automatically engages the brake system, reducing vehicle speed by up to 50 mph/80 kph, minimizing the likelihood of loss of control situations or collisions. Once the triggering event has passed, the system will resume at its pre-event set speed.

LANE DEPARTURE WARNING

The New Model 579 can detect when the truck is unintentionally drifting out of the travel lane and alert the driver to take action.

HIGHWAY DEPARTURE BRAKING

Highway departure braking functions will sound an audible alert for the driver and will apply foundation brakes to reduce vehicle speeds if the system determines the vehicle unintentionally leaves the roadway.

SIDE OBJECT DETECTION

Side object detection provides visual and audible warnings when vehicles are traveling in the truck's passenger side blind spot.



DRIVER COMFORT IN A **CLASS OF ITS OWN**

From the stunning new wood grains to the updated trim and surface colors, the interior of the New Model 579 sets it apart from its competitors. With plenty of convenience details like new, larger panel switches, redesigned cup holders and all-LED interior lighting, the spacious cab of the New Model 579 provides a comfortable and relaxing environment for driving and living life on the road.

- *New 15″ digital display*
- *New smart steering wheel with audio/phone and cruise controls*
- *New cupholders with storage*
- *Updated SmartNav® display*
- *New wider, dual-action control switches*
- *Dual USB chargers*
- *Improved Bluetooth® microphone*
- *New wood grains and dark dash upper*



Overhead Storage



Steering Wheel



Cupholder/USB Charger



Flat-Panel TV Provision



WHERE UPTIME AND QUALITY TIME **COME TOGETHER**

The interior of the New Model 579 sleeper offers all the comforts of home. With 8 feet of headroom, 70 cubic feet of storage and the largest mattresses in the industry, the 80-inch UltraLoft sleeper represents the ultimate in driver comfort and convenience.
The UltraLoft sleeper is designed to accommodate up to a 32-inch TV and a 1.1-cubic foot microwave, both the largest in its class.
In the double bunk configuration, the UltraLoft features a clever foldaway ladder that “disappears” when not in use. Other sleeper features include sound abatement technology, independent HVAC with separate controls, an optional fuel-fired heater and multiple no-idle hoteling options. LED lighting throughout provides optimal illumination with energy-saving technology.

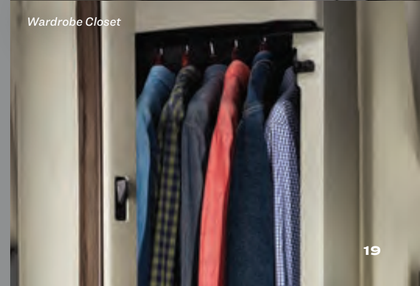
Sleeper Control Panel



Overhead Storage



Wardrobe Closet





PACCAR POWERTRAIN

The PACCAR Powertrain maximizes your miles on the road and your payload capacity with one integrated solution. From the durable PACCAR MX Engines to the efficient 12-Speed Automated Transmission and the 40K Tandem Axles, every component is engineered to work together seamlessly.



PACCAR ENGINES

B10 DESIGN LIFE

- *Up to one million miles without a major overhaul*

EFFECIENT FUEL SYSTEM

- *Optimized combustion, reduced friction, and decreased noise*

BROAD TORQUE CURVE

- *Up to 1,850 lb-ft and peak torque at low RPM*

PACCAR TRANSMISSIONS

LOOK-AHEAD TECHNOLOGY

- *Intelligently executes shift decisions that improve fuel eceonomy and driver comfort*

GEAR RATIO COVERAGE

- *Overall best for slow speed manuevering*

PACCAR AXLES

THRU-SHAFT PINION DESIGN

- *High-performance design transfers full engine power straight to the road*

MORE EFFICIENCY
MORE UPTIME

PACCAR MX
Powered By Quality

The PACCAR MX-13 and PACCAR MX-11 incorporate a combination of proven technologies and state-of-the-art innovations that improve fuel economy. Both engines employ variable speed engine components and optimized combustion, which helps achieve the lowest possible fuel consumption, emissions and noise levels. Whether in linehaul or vocational heavy-duty truck applications, PACCAR MX engines deliver exceptional reliability and proven performance.

PACCAR MX-13

HP	TORQUE (LB.-FT. @ RPM)
510	1,850 @ 1,000
485	1,650 @ 900
455MT	1,650/1,850 @ 900[1]
455MT	1,550/1,750 @ 900[1]
455	1,650 @ 900
430	1,550 @ 900
405MT	1,650/1,750 @ 900[1]

[1]Multi-torque rating

TECHNICAL SPECIFICATIONS

Displacement – 12.9L

Bore x Stroke (mm) – 130x160

Governed Speed – 2,200 rpm

B10 Design Life – 1.0 M miles

Dry Weight – 2,500 lbs.

Oil System Capacity – 42 U.S. quarts



PACCAR MX-11

HP	TORQUE (LB.-FT. @ RPM)
445	1,700 @ 900
430MT	1,450/1,650 @ 900[1]
430	1,650 @ 900
415	1,550 @ 900
400	1,450 @ 900
375	1,350 @ 900
355	1,250 @ 900

[1]Multi-torque rating

TECHNICAL SPECIFICATIONS

Displacement – 10.8L

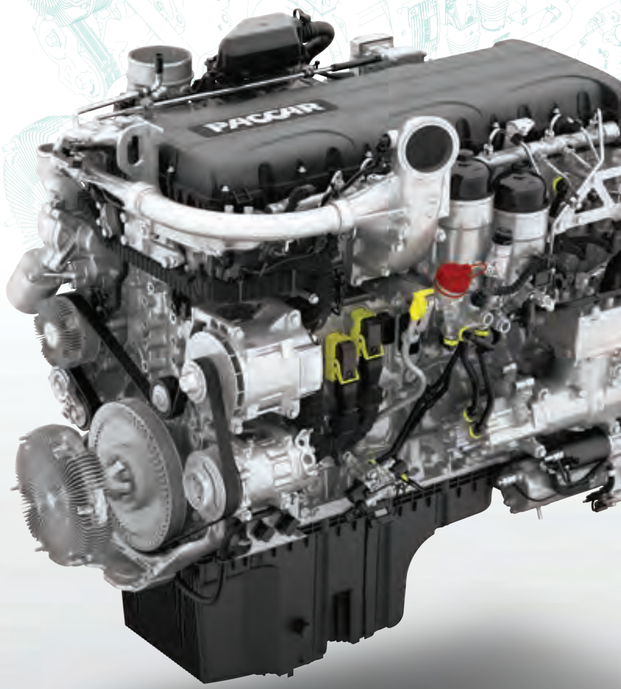
Bore x Stroke (mm) – 123x152

Governed Speed – 2,200 rpm

B10 Design Life – 1.0 M miles

Dry Weight – 2,200 lbs.

Oil System Capacity – 39 U.S. quarts



DRIVING UPTIME **ALL THE TIME**



PACCAR SOLUTIONS

PACCAR Solutions Service Management, the cloud-based service event management platform from Peterbilt, gives you full visibility and control when service is needed. No more paper estimates. No more time wasted on phone calls. With PACCAR Solutions Service Management, all cost estimates, status updates and work approvals are managed fully online through a web portal. The PACCAR Solutions Service Management platform is another uptime solution from Peterbilt.

TRUCKCARE SUPPORT

TruckCare Support is available 24 hours a day, 7 days a week by dialing **1-800-4PETERBILT**. TruckCare provides Peterbilt dealer assistance anywhere in the United States or Canada. Mobile Service Units are also available to provide service assistance while on the road for fast response and maximum uptime.

SMARTLINQ

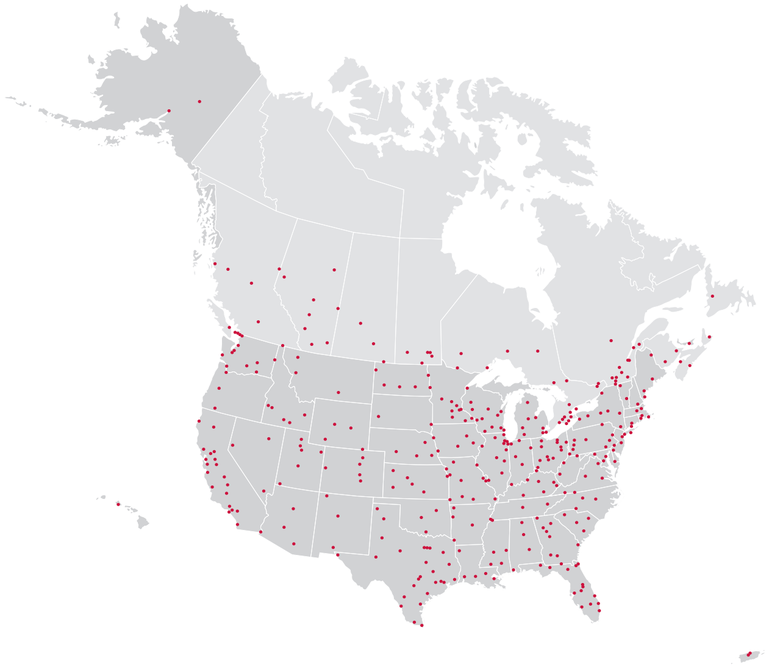
Maximize your uptime and take control 24 hours a day, 7 days a week with SmartLINQ®, the onboard remote diagnostics system standard on every New Model 579. SmartLINQ monitors more than 900 engine and emissions systems parameters to ensure the vehicle is operating at maximum efficiency. The system generates real-time in-cab notifications for the driver as well as email notifications that can be sent directly to the fleet manager and your selected Peterbilt dealership. Notifications and enhanced service guidance are also available via the PACCAR Solutions Remote Diagnostics portal.



OVER-THE-AIR UPDATES

To assist with your fleet's uptime and scheduling, software updates can now be performed Over-The-Air (OTA). Peterbilt Class 8 trucks with a Model Year 2017 or newer PACCAR MX Engine and an active SmartLINQ Remote Diagnostics subscription can update Engine and Aftertreatment software safely and securely via the PACCAR Solutions Portal and PACCAR OTA App. The OTA app allows customers to update the latest software—anywhere, anytime.

Over-The-Air



PACCAR FINANCIAL

PACCAR Financial provides innovative finance and insurance tools for Peterbilt customers.

PacLease

PacLease offers full-service leases, contract maintenance, logistics services, insurance, fuel tax reporting and other support services to Peterbilt customers.

PACCAR PARTS

PACCAR Parts supports the Peterbilt dealer network with innovative products and services, including PACCAR Parts Fleet Services, Online Parts Counter and TRP Aftermarket Parts.

Peterbilt PLATINUM SERVICE CENTER DRIVING UPTIME EVERY DAY

When support is needed, Peterbilt's dealer network is ready to provide best-in-class service backed by the entire Peterbilt organization. Top dealer locations are Platinum Certified by Peterbilt, ensuring a first-class service experience with extended service hours, premium driver lounges and much more.



DEALER SUPPORT

Peterbilt's extensive dealer network of more than 400 locations means your truck is never far from PACCAR genuine parts and Peterbilt's service and sales expertise.



peterbilt.com

Note: Equipment and specifications shown in this brochure are subject to change without notice. Consult with your Peterbilt dealer for standard and optional equipment.