



# Bulk Haul



# Less weight, more freight.

Bulk loads are demanding on both truck and operator. You need power, efficiency and adaptability in a lightweight package to handle the freight. With more than a century of excellence and innovation, you can trust Mack to increase your productivity and payload while cutting unnecessary weight.

Mack® trucks are built for the job at hand and supported by world-class people and technology to keep you on the road and in the black. Here's how:

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## INTEGRATED POWERTRAINS

Designed to work together for optimum performance, efficiency and reliability, Mack's legendary integrated powertrains set the standard for hauling freight.

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## SAFETY, COMFORT AND ERGONOMICS

Making drivers feel at home behind the wheel keeps them safe and productive whether they're out for hours or days.

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## BY YOUR SIDE 24/7

Mack's Uptime Solutions technology and service professionals stand behind you 24/7.

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## GET MORE. SPEND LESS.

Lower your total cost of ownership and increase your productivity with trucks engineered inside and out to be our most efficient ever.

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## STATE-OF-THE-ART TECHNOLOGY

From mechanical systems to computer software, Mack's ongoing legacy of innovation allows you to lead, never follow.

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## BUILT FOR THE JOB

Trucks built specifically for the rigors of bulk hauling so you can do it better than the competition.



Feature	Reliable	Fuel Efficient	Lightweight
MP <sup>®</sup> 7 – 11 liter engine from 325HP to 425HP	✓	✓	✓
MP <sup>®</sup> 8 – 13 liter engine from 415HP to 505HP	✓	✓	✓
Mack <i>mDRIVE</i> <sup>™</sup> and <i>mDRIVE</i> <sup>™</sup> HD automated manual transmissions in 12-, 13- or 14-speed versions to meet the needs of your application	✓	✓	✓
Mack legendary integrated powertrain: engines, transmissions and rear axles work together to provide the best fuel economy possible	✓	✓	
Predictive Cruise learns the topography of your routes, then automatically adjusts speed, torque and gears for maximum fuel efficiency	✓	✓	
Load Logic improves fuel economy by up to 2% with advanced sensors in the rear suspension that optimize gearing for full and unloaded hauls	✓	✓	
Aluminum options: Alcoa wheels (standard), fuel tanks, air tanks, bumpers, crossmembers, steps, fifth wheels	✓	✓	✓
Lightweight options: cab-mounted vertical exhaust, horizontal exhaust, 6x2 tag, 6x2 liftable pusher, super single tires	✓	✓	✓
Aerodynamic options: roof fairings, roof trim tabs, cab/sleeper side extenders, rubber fairing extensions, chassis fairings, ground effects, eco-flow mudflaps	✓	✓	
Standard safety features: Steel cab, Mack Roll Stability Advantage with ABS, ATC and yaw sensors	✓		
Safety options: Bendix Wingman Advantage, Bendix Wingman Fusion, Vorad Side Collision Avoidance, hood and side down mirrors, backup alarms, orange 3-point seat belts, RollTek seats	✓		

# BUILT TO HANDLE THE BULK.

Strong and efficient, Mack trucks make quick work of bulk freight.

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## POWERTRAIN

### Legendary MP® Engines

**MP®7:** The improved 11L MP®7 drops 51 lbs. and saves 2-5% in fuel consumption, continuing its stellar reputation for weight-sensitive applications.

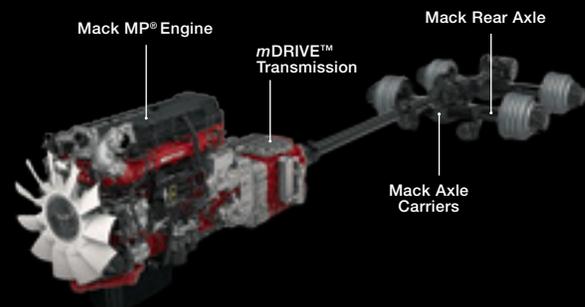
**MP®8:** Saving 2.5% in fuel and 88lb. in weight, the 13L MP®8 workhorse just got a whole lot leaner and meaner for whatever you can throw at it.

**MP®8-TC:** The 13L MP®8-TC racks up 8.1-9% fuel savings with a turbo compounding unit that extracts waste heat and turns it into power. *(Available 2017)*

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### Fully Integrated

Our engines, transmissions and drive axles are designed from the ground up to work together seamlessly. That means we can maximize performance, efficiency and serviceability for your business.



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## LIGHTWEIGHT AND DURABLE

When running bulk hauls, saving weight means more payload per trip and a bigger number on the bottom line. That's why we offer components to drive freight efficiency, including our MP®7 engine, mDRIVE™

transmission and air disc brakes for going and stopping, and Alcoa aluminum wheels, super single tires, aluminum crossmembers and lightweight suspensions for keeping your loads supported and secured.



Pinnacle Axle  
Back DayCab

## SUSPENSIONS

**Twin Y air suspension:** A revolutionary design that includes two lightweight, Y-shaped high-strength steel blades per wheel end, it saves up to 403 lbs. and requires little maintenance thanks to axle seats that never need re-torqueing.

**MaxLite 40EZ:** This z-spring air suspension provides a smooth ride whether loaded or unloaded. Its low tare weight and smooth ride no matter the road condition make it great for local and interstate transportation.

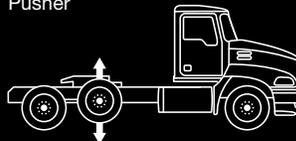
### Load Logic

An innovative powertrain spec that can save fuel when trucks go out loaded and return empty. Load Logic integrates with the *mDRIVE™* automated manual transmission and uses advanced sensors in the rear suspension to provide the most fuel efficient gearing for each condition. It can be combined with 6x2 axle options for even more fuel savings.

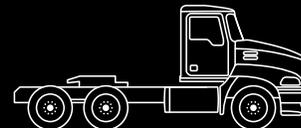
**6x2 Liftable Pusher Axle:** The foremost rear axle is raised or lowered according to the load being hauled. Situated in front of the drive axle for increased stability and maneuverability, this configuration weighs 375-400 lbs. less than a full 6x4 package for less drag, better fuel efficiency and reduced tire wear.

**6x2 Tag Axle:** Situated behind the drive axle, this setup allows GCW of a 6x4 at a lower tare weight and better fuel economy.

6x2 Liftable  
Pusher



6x2 Tag



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## SAFETY

It's the little things that keep your team safe on the road. Like easy-to-read Co-Pilot displays, low hood profile and a large windshield for more visibility. Or a low center of gravity to keep cabs balanced. Or sculpted self-cleaning steps and a full-size grab bar to make cab entry and exit a breeze.

**Mack Roll Stability Advantage:** Reduces jackknife and rollover accidents by deactivating the throttle and selectively applying the brakes for ABS-based traction control.

**Bendix Wingman® Advanced:** Features alerts for following distance, impact prevention and objects on the road, while also offering collision mitigation braking and adaptive cruise control for maintaining a safe following distance.

**Rolltek Seats:** An ergonomic and adjustable driver's seat that features a side airbag and innovative seatbelt technology for driver protection in the event of a roll-over accident.

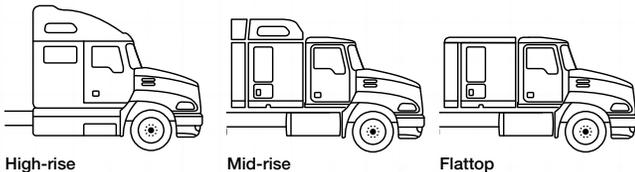
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## CUSTOMIZATION

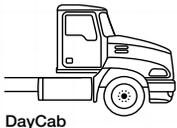
Run the highway your way by choosing models and designs that meet your application and business needs.

### Cab Design

High-rise, Mid-rise & Flattop Sleepers: Roomy with plenty of storage and amenities like an innerspring mattress, fridge and 12-volt outlets, our sleepers let you relax while gearing up for the next day.



DayCab: Versatile and productive, this quiet cabin delivers everything you need and nothing you don't for optimal productivity, reliability and fuel economy.



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## DRIVER SATISFACTION

Mack takes care of the people who drive your business. Each spacious cabin is ergonomically designed with a wrap-around dash, adjustable seat, tilt/telescopic steering column and suspended, in-line pedals for increased driver comfort. Best-in-class lighting keeps the inside inviting and air-suspended cab mountings decrease road shock and vibrations.

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## TOTAL COST OF OWNERSHIP

Minimize your total cost of ownership and maximize return on investment when you add up the benefits of full-service integration, worry-free maintenance and reliable parts. For example, a Pinnacle DayCab can reduce fuel consumption by as much as 19%\*. Do the math:

**19% OF 30,000 GALLONS =  
5,700 GALLONS SAVED  
X \$2.50 / GALLON**

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**\$14,250  
ANNUAL SAVINGS**

### Trim Packages

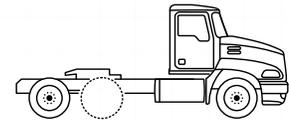
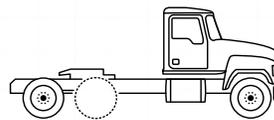
Your work space is your home away from home. Make it feel that way with your choice of stylish Genuine, Custom and Grand Touring interiors.



### Axle Configuration

Axle Forward: A longer wheelbase optimizes weight distribution to maximize your payload capacity.

Axle Back: The setback axle provides a better turning radius and allows more weight to be transferred to the steer axle. Optimal for dry van, refrigerated trailer and bulk hauling.

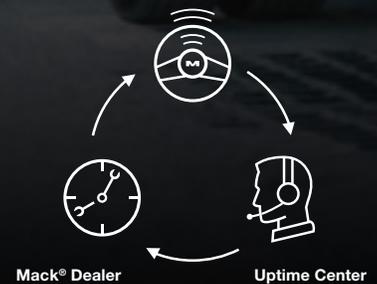


\*Baseline of 30,000 gallons of fuel consumption, per year. Savings based on a Pinnacle DayCab equipped with a Mack MP®8 445 HP engine, Mack mDRIVE™ automated manual transmission, Mack rear axle, cab roof and side fairings, chassis fairings, plus aerodynamic bumper and mirrors, and ClearTech™ One.

# Stay on the job.

Mack's award-winning combination of proprietary vehicle telematics, live support personnel and fleet management services is dedicated to keeping you on task and on time. You're also backed by an expansive network of more than 400 authorized dealers and Certified Uptime Centers to get you back on the road quicker than ever.

Mack® Connected Truck



**800-866-1177**

**MACK ONECALL®  
SUPPORT LINE**

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## GUARDDOG® CONNECT

Our telematics platform monitors your truck for potential issues and starts the support, repair and scheduling process sooner—often before the driver knows there's a problem.

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## ONECALL®

Anywhere in the United States and Canada, Mack OneCall® provides around-the-clock roadside assistance and customer support from a team of highly trained uptime experts.

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## ASIST

This user-friendly, web and mobile system assembles consistent, complete and professional estimates of service recommendations and allows the driver, dealer and Uptime Center to share the information needed to get you back to work.

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## CERTIFIED UPTIME CENTERS

Average dwell time for a repair is 4 days, but the average repair actually takes less than 4 hours. Our Certified Uptime Centers identify the quick fixes and put them in the fast lane for completion, while giving larger repairs the attention they need. It's another way that Mack keeps you up and running.

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## DIAGNOSTIC TOOLS

From quick diagnostics to EPA emission data, Mack offers easy-to-use diagnostic software such as Premium Tech Tool and Truck Diagnostic System to help customers, service technicians and body builders monitor trucks in real time.

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## FLEET MANAGEMENT SERVICES

Manage and improve compliance, productivity, safety and efficiency with best-in-class technology and intelligence software platforms from Telogis and Omnitracs to give you greater control over your trucks.



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