



# Bulk Haul



# Less weight, more freight.

Bulk loads are demanding on both truck and operator. The Mack Anthem® and Mack® Pinnacle™ offer the power, comfort and efficiency needed to shoulder those heavy loads—all in a lightweight package. With more than a century of excellence and innovation, trust Mack® trucks to increase your productivity and payload while cutting the 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:

## INTEGRATED POWERTRAINS

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

## 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.

## BY YOUR SIDE 24/7

Mack Connect, our uptime and productivity solution, brings technology and service professionals together for round-the-clock support.

## 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.

## STATE-OF-THE-ART TECHNOLOGY

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

## 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®7 – 11-liter engine from 325HP to 425HP.	✓	✓	✓
MP®8 – 13-liter engine from 415HP to 505HP.	✓	✓	✓
MP®8HE – 13-liter engine from 415HP to 445HP.	✓	✓	✓
Cummins Westport ISX12 G - 11.9-liter natural gas engine up to 400HP.	✓	✓	✓
Mack mDRIVE™ and mDRIVE™ 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, adjustable roof trim tabs, cab/sleeper side extenders, rubber fairing extensions, chassis fairings, ground effects, eco-flow mudflaps, under-bumper spoiler.	✓	✓	
Standard safety features: Steel cab, Mack Roll Stability Advantage with ABS, ATC and yaw sensors, Bendix® Wingman® Fusion™.	✓		
Safety options: Bendix® Wingman® Advanced™, VORAD Side Collision Avoidance, hood and side down mirrors, backup alarms, backup cameras, orange 3-point seat belts, RollTek seats.	✓		

# BUILT TO HANDLE THE BULK.

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

Mack Anthem® Day Cab

Mack® Pinnacle™ Day Cab



## 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 88 lbs. in weight, the 13L MP®8 workhorse just got a whole lot leaner and meaner for whatever you can throw at it.

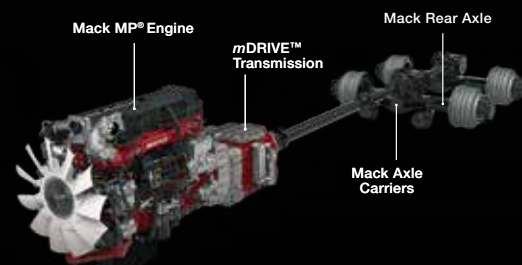
**MP®8HE:** The 13L MP®8HE racks up 6.5% fuel savings\*\* with Energy Recovery Technology that converts waste heat into torque.

\*Compared to non-GHG17 MP®7 and MP®8 engines.

\*\*Compared to non-HE MP®8 engine.

### 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.



## 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.

## AXLES & SUSPENSIONS

**Axle Forward:** Pinnacle, our axle-forward configuration, offers a longer wheelbase to optimize weight distribution and maximize payload capacity.

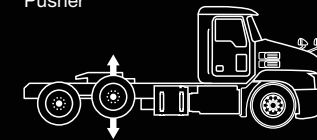
**Axle Back:** Anthem, our axle-back configuration, provides a better turning radius and allows more weight to be transferred to the steer axle. Optimal for dry van, refrigerated trailer and bulk hauling.

**6x2 Lifiable Pusher Axle:** The foremost rear axle is raised or lowered according to the load being hauled. Located 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 brake and tire wear.

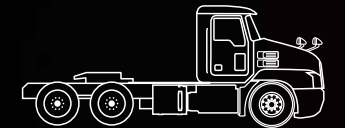
**6x2 Tag Axle:** Located behind the drive axle, this setup allows GCW of a 6x4 at a lower tare weight and better fuel economy.

**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-torquing.

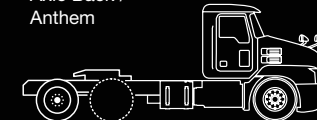
6x2 Lifiable Pusher



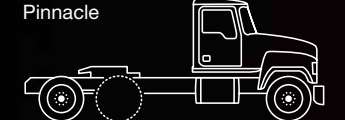
6x2 Tag



Axle Back / Anthem



Axle Forward / Pinnacle



**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.

## SAFETY

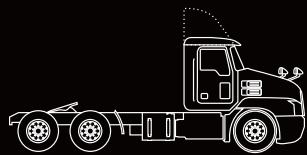
It's the little things that keep your team safe on the road. Like easy-to-read gauges, switches and Mack® Co-Pilot™ displays. A low center of gravity helps keep cabs balanced, while RollTek seats offer drivers advanced protection in the event of a rollover accident. And sculpted, self-cleaning steps and a full-size grab bar make cab entry and exit a breeze.

## DRIVER SATISFACTION

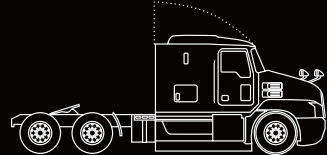
Mack takes care of the people who drive your business. Each spacious driver environment is ergonomically designed with a wraparound dash, adjustable seats, tilt/telescopic steering column and suspended, in-line pedals for increased driver comfort. New LED lighting keeps the inside inviting while the air ride suspension cab decreases road shock and vibrations.

## CAB OPTIONS

Run the highway your way by choosing models and designs that meet your application and business needs. Available in Day Cab and two Sleeper options.



Day Cab



48-inch Flat Top Sleeper



70-inch Stand Up Sleeper

## ALL-NEW INTERIORS

### Instrument Panel

Easy-to-read gauges bring important information to the forefront.

### Mack® Co-Pilot™

5" full-color digital display provides enhanced visibility and simpler navigation without distractions.

### Flat-Bottom Steering Wheel

An industry first, the flat-bottom steering wheel allows more clearance for entry or exit.

### Stand Up Sleeper

Ample space to get comfortable, rest well and stay focused on the road.

### Premium Seating

Mack-exclusive seats provide unmatched comfort.

## 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 Mack Anthem® Day Cab can reduce fuel consumption by as much as 10.5% over the previous axle-back model.\* Do the math:

**10.5% OF 30,000 GALLONS =  
3,150 GALLONS SAVED**

**3,150 X \$3.00 / GALLON =  
\$9,450 ANNUAL SAVINGS**

\*Baseline of 30,000 gallons of fuel consumption per year. Savings based on Mack Anthem Day Cab bulk haul tractor equipped with an MP®8HE 445 HP engine, Mack mDRIVE™ automated manual transmission, Mack rear axle, cab roof and side fairings, chassis fairings, plus aerodynamic air dam and mirrors, and ClearTech™ One. Compared to Pinnacle Axle Back Day Cab with pre-2017 Mack MP®8 445 HP engine.

# With Mack® Connect, it's uptime all the time.

Mack's exclusive uptime and productivity solution, Mack Connect, combines intelligent software, predictive analytics, driver assist technologies and more to help you keep your trucks—and your business—moving forward. See the complete list of Mack Connect services at [MackTrucks.com/MackConnect](http://MackTrucks.com/MackConnect).



**800-866-1177**

**MACK ONECALL®  
SUPPORT LINE**



## CONNECTED SUPPORT

### Over The Air (OTA) Software Updates

Wirelessly updates software without disrupting your schedules, while increasing operational efficiency and uptime. Requires Mack® GuardDog® Connect.

### GuardDog Connect

Automatically monitors your truck's performance and alerts OneCall of any maintenance or repair needs. OneCall's 24/7 support leverages Mack ASIST to give drivers, dealers and Uptime Center staff access to the repair information they need—all while you're still on the road.

### Certified Uptime Dealers

Dealers identify quick fixes and put them in the fast lane for completion, while giving larger repairs the attention they need and putting you back on the road faster.

### Preventive Maintenance

Keeps your trucks in top shape by planning a service schedule that matches the usage and miles of your vehicle, so we can repair or replace a component before it impacts your business.



## CONNECTED BUSINESS

### Verizon Connect

Advanced fleet management and compliance tools that integrate directly with GuardDog Connect or your own smartphone, tablet or other connected device.

### Omnitracs

Real-time data on your vehicles' locations and how they're being driven so you can spot trends, reduce costs and manage drivers. No additional hardware needed.

### Geotab®

Business intelligence and benchmarking data for older fleets to improve productivity, reduce fuel consumption, enhance driver safety and improve compliance.



## CONNECTED DRIVING

### Mack Predictive Cruise

Proprietary Mack technology that stores hilly terrain in GPS data to optimize engine speed and fuel efficiency on saved routes.

### Bendix® Wingman® Fusion™

Driver assist and safety technology combining radar, camera, brakes and the SafetyDirect® web portal from the leader in collision mitigation.

### Roll Stability

The Bendix® ESP® full-stability system helps drivers mitigate rollovers and loss-of-control in situations on wet and dry roadways through advanced sensors and throttle and braking interventions.

### Collision Avoidance


Automatically alerts the driver and, if needed, applies the foundation brakes to mitigate or prevent a potential collision with a forward-moving vehicle or stationary object.





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