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# Refuse

# Built to carry an entire industry.

Refuse is a tough business. That's why Mack<sup>®</sup> trucks are built to overcome the punishing conditions that residential, commercial and municipal refuse applications routinely dish out. Mack's long been the leader in refuse and we continue to set the standard for durable, productive and safe trucks.

The lowest total cost of ownership paired with the highest value and productivity:

### LEGENDARY POWERTRAINS

Mack powertrains are the standard for performance and reliability across a wide range of applications.

# **TOUGH JOBS, TOUGHER TRUCKS**

Our trucks stand up to the full abuse of refuse work to keep you on the job and in the black.

# PURPOSE-BUILT FOR THE JOB

Mack's experience means your truck is exactly suited to the job at hand for each refuse configuration.

# SAFETY, COMFORT AND ERGONOMICS

Make sure your drivers stay safe and productive, so you can attract and retain top driving talent.

# **BY YOUR SIDE 24/7**

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



Compare	Mack	Other
Engines tuned for on- and off-highway, high horsepower, torque, and low fuel consumption.	~	×
Rear axle with unique top-mounted carrier for a longer lifespan and superior ground clearance.	~	×
Automatic power divider that diverts up to 75% of power to the wheels that are not slipping.	~	×
Front axle with 135mm thick cross section for high gross weights.	~	×
Low floor and step height for safe and easy transition in and out of the cab <sup>1</sup> .	~	×
Heavy-duty spring suspensions that provide high ground clearance and traction.	~	×
"Right sized" steel cabs with short bumper-to-back-of-cab dimensions for getting in and out of tight spaces.	~	×
Best-in-class forward and side visibility.	~	×
mDRIVE <sup>™</sup> HD transmission shifts for you and saves weight and fuel <sup>2</sup> .	✓	×
GuardDog <sup>®</sup> Connect proactively monitors engine performance and alerts when there is a potential problem <sup>3</sup> .	✓	×
Durable chassis frame with high-yield steel and formed steel plate crossmembers.	✓	×

# CLEAN UP ON DIRTY JOBS.

Mack's 100-year history in refuse means our trucks are built to take a beating and boost your bottom line.



# DURABILITY

#### Suspensions

Mack offers rear suspensions for on- and off-road refuse applications. On road, they provide better handling and traction and reduced tire wear. They also have the superior articulation and constant ground contact needed to handle rugged terrain.



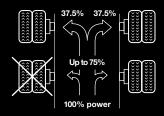
Camelback Suspension

#### **Power Divider and Rear Axle**

All Mack rear axles feature a cam and wedge design automatic power divider to divert power to the wheels with traction. A manual locking option gives you ultimate control over power distribution.

#### Front Axle

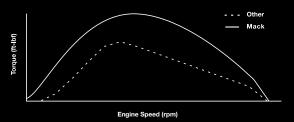
Our heavy-duty UniMax<sup>™</sup> steering axles have maintenance-free sealed, unitized hubs for harsh duty cycles.



## POWERTRAIN

#### Legendary MP<sup>®</sup> Engines

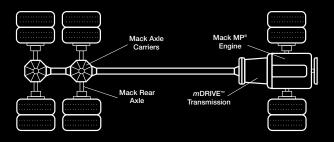
The MP<sup>®</sup>7 and MP<sup>®</sup>8 deliver power and torque across a wide range tuned for different refuse applications for faster route times and high fuel efficiency.

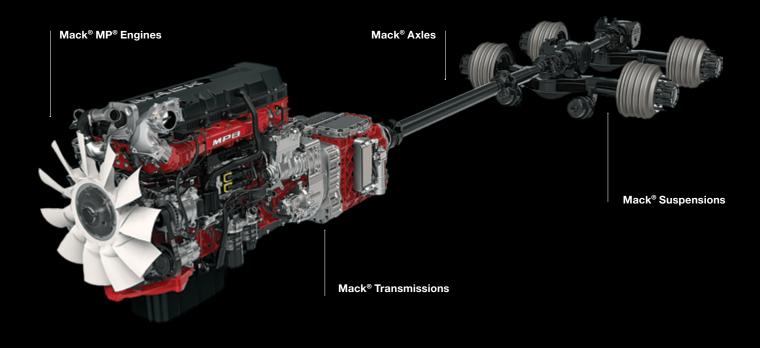


Get the right power mix for your needs. Mack's Maxidyne<sup>®</sup> engine rating has extended RPM ranges and high torque rise for rugged terrain and landfill use. MaxiCruise<sup>®</sup> offers both power and economy whether you are off-road or on-road.

#### **Fully Integrated**

Integration means our engines, transmissions and drive axles are designed to work together for maximized performance and efficiency. It also means there's only one number to call when you need help. We handle the work with no third-party suppliers, so you get back on the road faster.





# **DRIVER COMFORT**

#### Ergonomic Design

Mack takes care of the people who drive your business. Our trucks are designed from the inside out for comfort, safety and productivity. Comfortable seats, intuitive controls, factory-installed AC and convenient storage bins are just a few of our best-in-class features.

#### **Driver Retention**

Driving a refuse truck is demanding work. Best-in-class performance, comfort and safety combined with enhanced in-cab communication and superior support makes Mack the truck drivers want to drive. The result is more productivity on the job and less money spent on recruiting and training new drivers.

# TERRAPRO

#### Alternative Fuels

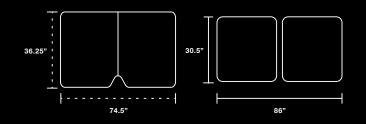
TerraPro natural gas models use LNG or CNG for lower overall lifecycle and fuel costs, as well as lower greenhouse gas (CO<sub>2</sub>) emissions and a reduced carbon footprint.

#### Superior Maneuverability

With a short wheelbase, slimmer width and more compact design from bumper to back of cab, TerraPro's cabover design makes navigating even the most congested neighborhoods safer and more efficient.

#### **Maximum Viewing Angles**

TerraPro's large mirrors combined with the most forward window glass in the industry creates superior visibility so you can keep pedestrians, other vehicles and side loading jobs safely in view.



## LR

#### **One-Step Entry and Exit**

Low, 17" cab floor height and large grab handles help drivers get in and out with minimal effort and reduce the physical demands of curbside pickup operations.

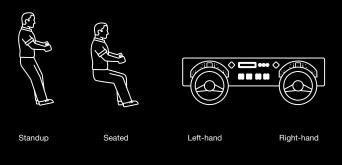
#### **Multiple Door Designs**

Getting in and out of the Mack LR is easy with its large doors and three door configurations.



#### **Driving Configurations**

Standup or seated. Right- or left-hand or dual steering positions. LR covers them all, giving you the best choice for each job.



#### GRANITE

#### **Redesigned Interiors**

All-new interiors in the legendary Mack Granite® make it more driver-friendly than ever before. With a flat-bottom steering wheel, intuitive controls and durable components, Granite keeps drivers comfortable all shift long.





Flat-Bottom Steering Wheel

Mack-Exclusive Seats

#### **mDRIVE™ HD** Automated Manual Transmission

Mack's *m*DRIVE<sup>™</sup> HD automated manual transmission maximizes performance and fuel economy while reducing driver fatigue. mDRIVE uses intelligent software and engine integration to automatically select the best gear and seamlessly shift with speed and precision for an easy ride for you and your truck.

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#### Improved Maneuverability

Short bumper-to-tire distance means superior front-end swing clearance and an excellent wheel cut that allows trucks to easily get in and out of tight spaces.

# 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.

# 800-866-1177

# MACK ONECALL SUPPORT LINE

#### Over The Air (OTA) Software & Parameters

Wirelessly updates software without disrupting your schedules, while increasing operational efficiency and uptime. Requires Mack<sup>®</sup> GuardDog<sup>®</sup> 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 Centers**

In the heavy truck industry, the 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.

# Customize with Confidence.

- Body builder support ensures seamless communication among body builders, dealers and customers.
- Factory warranty on all customization at the Mack factory.
- Engineering documentation for ease of future service and maintenance.
- We design trucks with additional access points and mounting locations for easy installation.
- Peace of mind knowing the custom job was done right by the pros at Mack.



#### 1-800-922-MACK MackTrucks.com

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**BORN READY.**