

MACK TERRAPRO



DOMINANT PERFORMERS

We've earned our stellar reputation by building dependable trucks that time and again simply deliver. And the Mack® TerraPro™ is another in a long line of superior trucks we've engineered for the refuse industry. No matter what model you prefer — Cabover or Low Entry — these trucks devour the workday with ease. They are ruggedly built and highly reliable to eliminate downtime while delivering maximum comfort and functionality to keep drivers happy and productive.

The TerraPro Series outperforms the competition because these trucks are loaded with a multitude of Mack Advantages. Just a few of these benefits that underscore what it means to be BUILT LIKE A MACK TRUCK® include:

- The largest cab door openings in the industry.
- The industry-leading Mack work brake that safely speeds up curbside pickups.
- A low-profile dash that provides exceptional visibility.
- A Diesel Particulate Filter (DPF) that is specifically designed for the refuse industry.
- The power and fuel efficiency of the Mack MP™ Engine Series.









TERRAPRO™ CABOVER

STOP AND GO ON YOUR OWN TERMS

The TerraPro Cabover has a rugged and tenacious exterior built to handle tough jobs, and it features an advantage only offered by Mack® that allows you to keep working while your Diesel Particulate Filter is cleaned. Our ClearTech™ SCR System solution creates much less soot than an EGR only system. And our unique approach automatically initiates thermal regeneration while you work, cleaning the soot that does collect in the DPF. This saves time and money, improving your efficiency. And that's just one of many ways the refuse and construction industry's best-selling cabover improves driver productivity.

EXCEPTIONAL VISIBILITY: The low-profile dash, large windshield, side and rear mirrors and ergonomic driver's seat position provide exceptional visibility on the road, especially when navigating narrow streets and tight alleys.



REAR LOADER



CONCRETE CONVEYOR BELT



CONCRETE PUMPER



WATER TRUCK

FRONT LOADER

CABOVER INTERIOR

ULTIMATE COMFORT: The TerraPro™ Cabover features a well-appointed interior for maximum comfort. The roomy contemporary cab has comfortable, ergonomic seats that make for a great driving experience.

OVERHEAD CONSOLE: The cab has an overhead console with space for an AM/FM stereo or a 2-way radio. The speaker locations are also positioned for improved acoustics.

MAXIMUM STORAGE: To keep the workspace clean, the TerraPro is equipped with ample storage including personal compartments, netted overhead bins, cupholders and a lunchbox tie-down strap.

ERGONOMIC CONTROLS: The TerraPro incorporates a convenient cover plate that allows access to wiring and pre-routed air lines for mounting bodybuilder joysticks. The joystick location is aligned with the driver's right armrest for easy access. If no joystick is required, this area can be used for mounting auxiliary switches for other bodybuilder functions. The new bodybuilder interface improves quality and reliability with easy access to all electronic and air line connects.

EASY ACCESS CONTROLS: The transmission controls are conveniently located in front of the driver's right armrest so drivers can stay focused on the road.

ENHANCED LIGHTING: The cab has enhanced lighting with a driver courtesy map light and an overhead passenger light. Lighting controls are positioned on the left side of the dash, making them accessible from the ground.

REARVIEW MONITOR: The interior features a reinforced mounting plate for a rearview monitor.





LOW-PROFILE DASH: The low-profile dash is designed to provide better visibility on the road, especially when navigating narrow streets and tight alleys.

EASY-TO-READ GAUGES: The new electronic dash allows for the elimination of oil lines and most air lines for increased gauge accuracy and reliability. The new dash also incorporates driver information displays and easy-to-read gauges with larger icons. The instrument cluster features 30 indicator lights and an automatic transmission temperature gauge. CoolBlue™ lighting makes all switches easy to see.

ENGINE HOUR METER: The TerraPro has a standard engine hour meter that features a wake-up display when the ignition is off. It also displays current miles (k/m) and has a battery backup to protect vital information.

IN-LINE PEDALS: The accelerator and brake pedals in the TerraPro are suspended above the cab floor and are mounted in-line to reduce operator effort. The suspended pedals also make it easier for cleaning.



V-MAC® IV: The Mack® Vehicle Management and Control System (V-MAC IV) in the TerraPro Cabover enables you to better control costs and lets you closely monitor and manage total vehicle performance. This next-generation of advanced electronics offers more than 100 proven programmable features, and adds a host of new items, including road speed tamper detection, integrated starter protection and allows for vehicle speed control and RPM limiting during PTO operation. V-MAC IV electronics comes with DataMax™ advanced software that captures information such as vehicle trip histories, duty cycle information and scheduled maintenance intervals.



HVAC SYSTEM: The HVAC system incorporates the latest technology to generate optimal airflow for improved climate control and efficient defrosting.

TERRAPRO™ LOW ENTRY

REDEFINING THE WAY YOU WORK

Our engineers worked tirelessly to create the TerraPro Low Entry — the most versatile truck Mack® has ever built for the refuse industry that can be configured for front, side or rear loading applications. To accomplish this, we conducted comprehensive research and incorporated customer feedback to build a truck that not only meets the needs of the job, but also addresses the wants of drivers. The TerraPro is designed from the inside out with multiple driving configurations — stand up, sit down, left-hand and right-hand, dual steering. From easy, one-step entry and exits to the easy-access bodybuilder controls, we thought of everything to make the workday seem a little less like work.

CAB DOORS: The cab doors are available in a number of configurations to help drivers work productively. In fact, Mack boasts the largest door openings in the industry so drivers can safely and efficiently enter and exit the cab.



STANDARD DOOR

BI-FOLD DOOR

FLIP DOOR

EASY ENTRY: With a one-step entry just 17 inches from the ground, entering and exiting the cab is a breeze and cuts down on a driver's legwork.





FRONT LOADER



REAR LOADER



SIDE LOADER

LOW ENTRY INTERIOR

MACK® WORK BRAKE: The Low Entry model features the easy-on/easy-off work brake that was specifically designed to safely speed up curbside pickups. One lever and one movement are all that's required to force the transmission into neutral, and park the chassis on its service brakes. When the brake is released, the transmission is automatically engaged. This industry-first braking system uses less air for better performance and saves wear and tear on drivers and brake system components.

ERGONOMIC CONTROLS: A wider console was created to house all transmission controls while accommodating an armrest and a cup holder/ashtray.

DUAL-STEER: The dual-steer design of the TerraPro™ Low Entry gives drivers complete control from either side of the cab. All critical controls and instruments are easily within reach, so drivers can feel comfortable and in command when working in any application. Single-steer cabs are available.

CONTROL PANEL: The center-positioned light control panel provides accessibility from either driving position.





OVERHEAD LIGHTING: The cab of the TerraPro features enhanced overhead lighting.

OVERHEAD CONSOLE: The interior features an overhead console with a mounting plate for a rearview monitor and space for an AM/FM stereo or a 2-way radio.

LOW-PROFILE DASH: The low-profile dash is designed to provide better visibility on the road, especially when navigating narrow streets and tight alleys.

EASY-TO-READ GAUGES: The new electronic dash incorporates easy-to-read gauges with larger icons. The instrument cluster features 30 indicator lights and an automatic transmission temperature gauge, and CoolBlue™ lighting makes all switches easy to see.

ENGINE HOUR METER: The TerraPro has a standard engine hour meter that features a wake-up display when the ignition is off. It also has a battery backup to protect vital information.

V-MAC® IV: The integration of the Mack Vehicle Management and Control System into the TerraPro enables you to better control costs and lets you closely monitor truck and engine performance.

HVAC SYSTEM: The HVAC system incorporates the latest technology to generate optimal airflow for improved climate control and efficient defrosting.



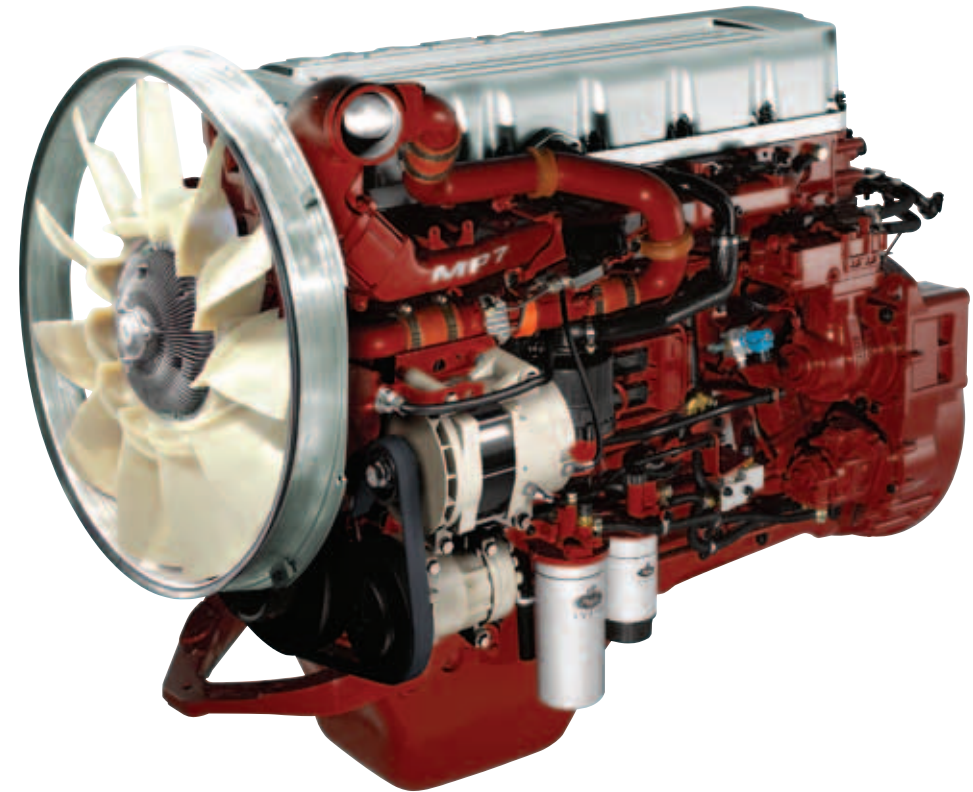
THESE ENGINES ARE ALL MUSCLE

The MP™ Engine Series is the heartbeat of the Mack® TerraPro™. These highly fuel-efficient engines deliver plenty of horsepower plus great low-end torque to give you all the muscle you need to conquer the workday.

EASY SERVICING: The MP Engine Series features 450-hour or 15,000-mile oil drain intervals (whichever comes first) and provides convenient access points that make servicing a snap.

SINGLE OVERHEAD CAM: These state-of-the-art engines have a single overhead cam with ultra-high-pressure fuel injection.

VARIABLE GEOMETRY TURBOCHARGER: The electronically controlled Variable Geometry Turbocharger incorporates the latest technology to cool both the turbo and the actuator.



TERRAPRO LOW ENTRY: This truck comes standard with an 11-liter MP7 engine specifically engineered for the refuse industry with a horsepower range from 325 to 345 HP and torque ratings from 1,200–1,280 lb.-ft. of torque.

MAXIDYNE®	
ENGINE	HP
MP7	325M
ENGINE TORQUE LEVEL MP7: 1,200 lb.-ft.	

REFUSE	
ENGINE	HP
MP7	345R
ENGINE TORQUE LEVEL MP7: 1,280 lb.-ft.	

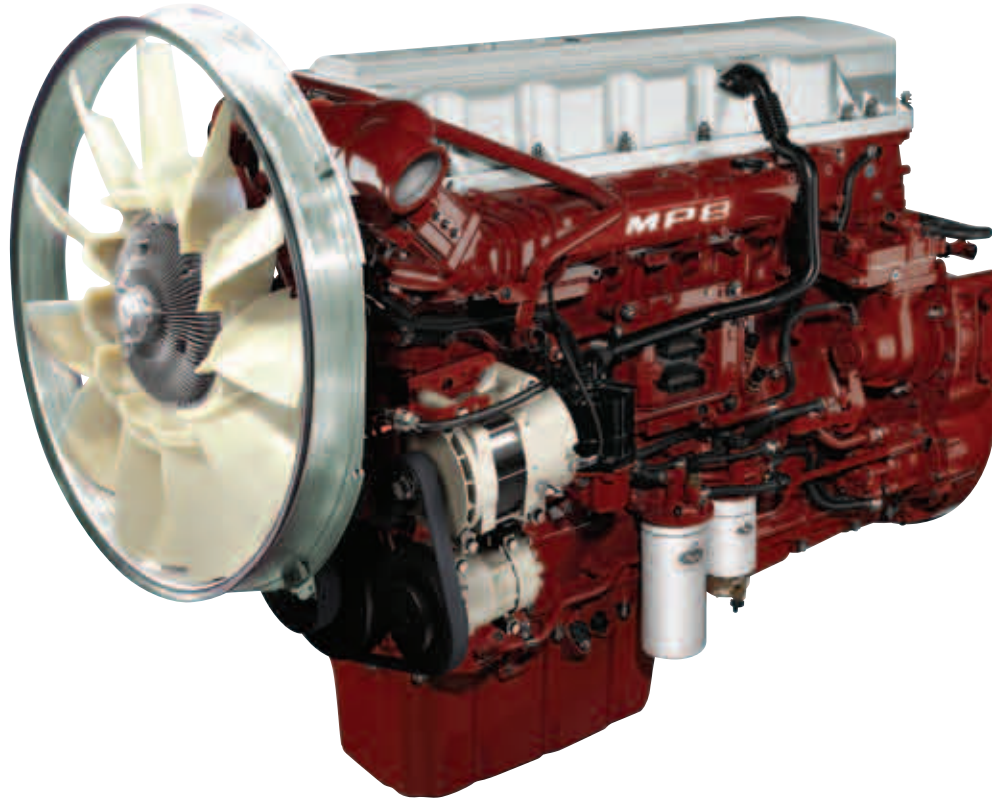


TERRAPRO CABOVER: This truck comes standard with an MP7 engine ideal for refuse applications with a horsepower range from 325 to 405 HP and torque ratings from 1,200–1,560 lb.-ft. The Cabover offers an available 13-liter MP8 engine with a horsepower range from 425 to 505 HP and torque levels from 1,570–1,760 lb.-ft.

MAXICRUISE®	
ENGINE	HP
MP7	395C
ENGINE TORQUE LEVEL MP7: 1,560 lb.-ft.	

REFUSE	
ENGINE	HP
MP7	345R
ENGINE TORQUE LEVEL MP7: 1,280 lb.-ft.	

MAXIDYNE®	
ENGINE	HP
MP7	325M
MP7	365M
MP8	425M
MP8	455M
MP8	505M
ENGINE TORQUE LEVELS MP7: 1,200–1,480 lb.-ft. MP8: 1,570–1,760 lb.-ft.	



BUILT LIKE A MACK TRUCK®: The MP Engine Series is designed with fewer parts, including one-piece steel pistons and stronger bearings and cylinder heads, giving operators a true powerplant that's built to last.

MACK CLEARTECH™ SCR SYSTEM:

ClearTech™
SCR SYSTEM

Mack remains at the forefront of engine development, incorporating selective catalytic reduction (SCR) technology into our MP engine platform. The Mack ClearTech SCR System creates clean-running engines that boast near-zero emissions (without the use of emissions credits) and even better fuel efficiency. Already used successfully in hundreds of thousands of trucks around the world, SCR is a proven, reliable approach.

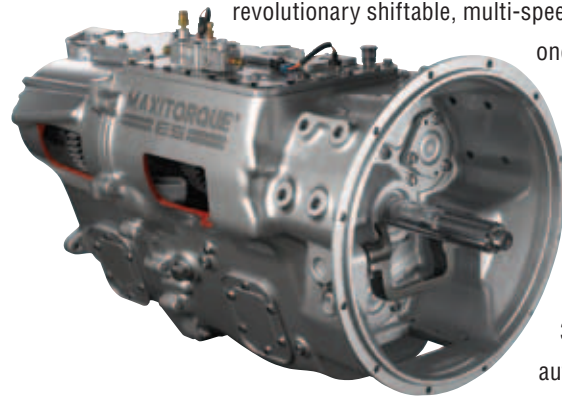
UNIQUE DPF SOLUTION: As an integrated truck and engine manufacturer, Mack seamlessly incorporated Diesel Particulate Filters into the exhaust system with an application-specific solution for the refuse industry. The Mack Back-of-Cab Semi-Catalyzed DPF significantly reduces the need for active DPF regeneration. When needed, the DPF uses a thermal regenerator to elevate the temperature within the filter to oxidize the soot collected in the filter. This is necessary for stop-and-go refuse work because passive exhaust heat by itself does not reach the temperatures needed for a fully catalyzed DPF system to work efficiently. The DPF reduces particulate matter emissions by more than 90 percent. The result saves time, money and improves the efficiency of your workforce.

ALL THE POWER YOU NEED: The MaxiCruise® and Maxidyne® engine families are best suited for refuse applications. The MaxiCruise engine performs best on rolling interstates and in on- and off-road applications. The Maxidyne engine provides power for high-performance, severe-duty conditions, especially in off-road applications.

MACK POWERLEASH: The Mack PowerLeash™ engine brake provides more braking horsepower through mid-RPM ranges, and weighs 50 pounds less than other engine brakes. It is fully integrated with the MP Engine Series, and with better braking over the entire speed range, PowerLeash delivers the most retarding horsepower ever in a Mack engine brake. Drivers will immediately notice the near-instantaneous engine braking, giving drivers confidence behind the wheel. For trucks with automated transmissions, the quick response also enhances downshifting performance.

INTEGRATED POWERTRAINS: Mack® is the only truck manufacturer offering the benefits of integration and single-source accountability for the engine, transmission and chassis, giving you not only the industry's best-built transmission, but also peace of mind knowing all Mack transmissions are engineered to work in concert with the engine to create powerful, reliable powertrains you can trust.

TRANSMISSION OPTIONS: Every Mack transmission is designed to deliver superior performance. With the industry's only triple-countershaft design; revolutionary shifttable, multi-speed reverse capabilities; standard,



one-piece aluminum casings; and more PTO mounting options than any other transmission; the Mack Maxitorque® ES transmissions are a breed apart. The Mack TerraPro™ is also available with Allison® 3000, 3500, 4000 and 4500 series automatic transmissions.

ENGINE MOUNTS: Thanks to the new engine mounts, cab bushings and rubber isolators, noise and vibration are dramatically reduced for a smooth and quiet ride. The TerraPro also incorporates our new electronically controlled fan, which eases on and off to reduce unwanted noise while efficiently cooling the engine.

DURABLE CHASSIS: The TerraPro rests on the same renowned Mack chassis you've come to trust for decades. This proven chassis is built with a deep frame rail and frame rail web design that optimizes the load bearing characteristics of the frame in a strong but lightweight package. And the chassis is designed to be adaptable to customer needs. It offers multiple rail clearance options that give bodybuilders increased flexibility to accommodate more body types in the standard configuration, so there is less need to relocate important components.



CABOVER CONSOLE SHOWN

SEAMLESS BODYBUILDER INTEGRATION:

The TerraPro features the in-cab Control Link II and the back-of-cab Control Link II systems as the new, standard bodybuilder interfaces. They provide quick-connections to the bodybuilder's control unit, as well as pass-through harnesses and connectors from the controller to the body. With these systems, the TerraPro can meet the needs of any application in the refuse industries.

STRONG SUSPENSION: The Mack suspension creates a parallelogram between the axles. This design provides a natural balance that enhances maneuverability and reduces tire wear.

CAMELBACK™ SPRINGS: Our legendary Camelback springs add stability and improved steering to help make rugged applications easier. The Mack M-Ride™ 6-rod suspension is also available, allowing up to 17-inch articulation for maneuverability in landfills and on jobsites.

WARRANTIES ARE BUILT TO LAST: As further proof of the confidence and commitment Mack has for the TerraPro, we've put together the finest, most versatile warranty in the industry today. At the heart of our standard base warranty is a 1-year/100,000-mile protection plan, and 100 percent parts and labor coverage on every chassis we build. Bulldog Extended Protection Plans® are available to provide you with the most extensive, flexible warranty coverage in trucking.





NATURAL GAS LOW ENTRY



NATURAL GAS CABOVER

NATURAL GAS OPTION

Mack has partnered with Cummins® Westport to bring you the cleanest refuse trucks on the market today. The Mack TerraPro Natural Gas delivers an alternative fuel engine technology that combines all the advantages of clean-burning natural gas with the power and torque expected from a Mack truck for residential and commercial trash collection. And since natural gas is a readily available U.S. resource, this truck helps reduce U.S. dependency on foreign oil.

THE SAVINGS ADD UP FAST: The TerraPro Natural Gas not only meets EPA 2010 and CARB emissions levels, it also sets a new benchmark for lower alternative fuel vehicle life cycle costs. In high fuel use applications, the lower alternative fuel costs and lower incremental maintenance costs can save you valuable fleet dollars.

MULTIPLE NATURAL GAS FUELS: The TerraPro Natural Gas is capable of operating on compressed or liquid natural gas (CNG, LNG) and even landfill gas (LFG) or hydrogen compressed natural gas (HCNG) that meets Cummins minimum fuel quality specifications.



BUILT LIKE A MACK TRUCK®

FOR MORE INFORMATION, CALL 1-800-922-MACK (6225) OR VISIT MACKTERRAPRO.COM AND MACKTRUCKS.COM

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