





THE ULTRA-LINER CAB. A SOLUTION THAT STANDS APART.

A BREAKTHROUGH IN TECHNOLOGY AND DESIGN.



Examine a Mack Ultra-Liner and you'll discover a new era in cabover design and construction. Mack engineers, employing new materials technoloay, computer-aideddesign tools and aerodynamic wind-tunnel testing. have created a cab that is uniquely superior to any other cabover in the industry.

At the core is a composite structural cage of galvanized steel, aluminum and high-strength fiberalass-a combination that vields unrivaled driver protection and unsurpassed cab integrity.

Then there's the Ultra-Liner's exterior skin-rugged Maxi-Glas" sheetmolded compound, an exclusive, fireproof material that defies rust and corrosion, while insulating the driver against noise, heat and cold far better than traditional cab designs. It's permanently bonded to the cab substructure. And it's easily

repaired if damaged.

Mack engineers added many other driver extras, too. Like the comfort of cab mount air suspension to complement an already superb ride. And it's standard on both sleeper and non-sleeper cab configurations.

The Ultra-Liner cab offers style as well as function. Choose from a stunning selection of custom paint designs. Plus options like bright-finish components, special mirrors, and aero packages that cheat the wind and improve fuel economy. Mack lets you create an Ultra-Liner worthy of your commitment to a job well



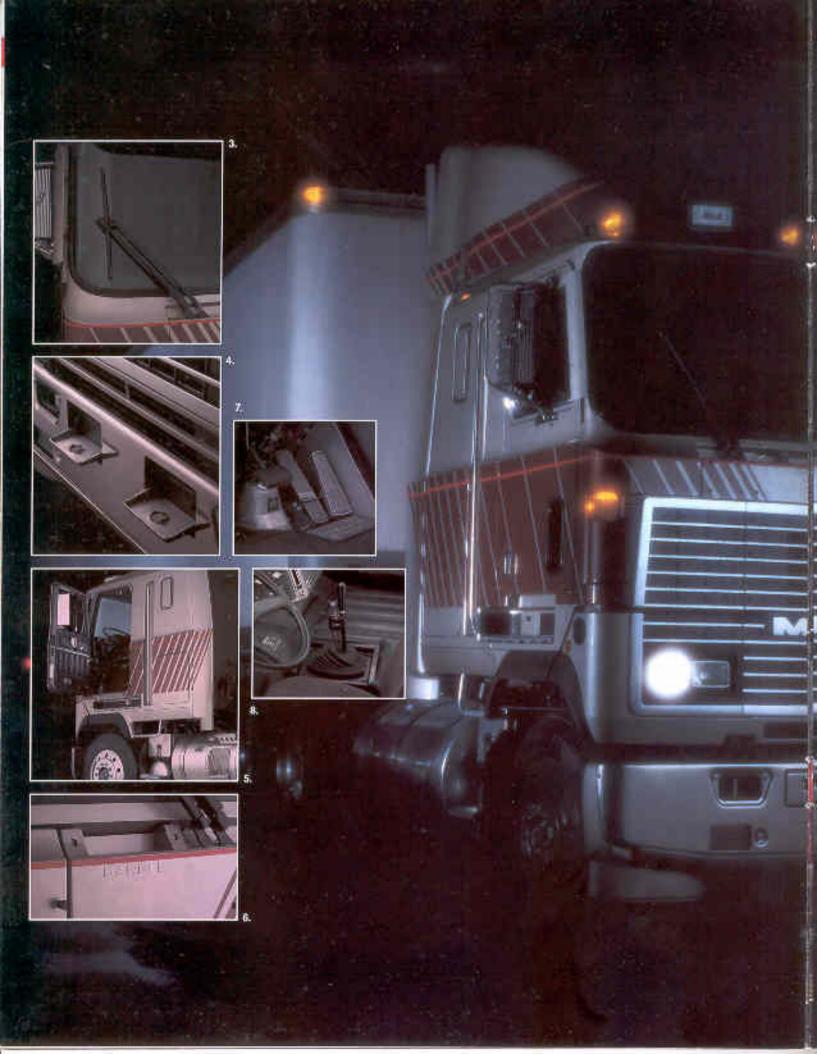
^{1,} Strong Maxi-Glas skin seals out noise, heat and cold. Only on Mack's Ultra-Liner.

^{2.} Composite substructure provides added cab rigidity, durability and tightness.

^{3.} Massive Mack grille is the distinctive Ultra-Liner signature.

^{4.} Optional perodynamic root and side fairings boost luel economy.







ULTRA-LINER SECURITY.

HIGHWAYS MADE SAFER, BY DESIGN.

Life on the road requires confidence. Confidence in yourself and your truck. And the Mack Ultra-Liner's safety engineering inspires that confidence.

It begins with the cab's composite internal substructure and durable Maxi-Glas exterior skin that provide structural integrity and an added measure of safety.

Inside, there's a tilting, telescoping steering wheel. The large speed-ometer and tachometer can be read at a glance. And to keep the driver

fresh and alert, the Ultra-Liner's ram air/two-blower heat/defrost system clears the windshield and side windows simultaneously while maintaining cab comfort. Optional air-conditioning is fully integrated.

Of course, performance on the road contributes to safety, too. Mack's Balanced Design powertrain smoothly delivers ample torque and horsepower to level the steepest hills. And Mack reliability keeps your Ultra-Liner working—the best security there is.

- Ultra-Liner driveability inspires confidence in any weather.
- Large soft-grip steering wheel and easy to read gauges put you firmly in control.
- 3. Pantograph wipers keep your vision clear.
- Fold-down bumper steps make reaching the windshield easy.
- Large textured steps and integral hand rails for convenient cab entry and exit.
- 6. Front grab handles integrate into the body.
- Integral metal heel pad and side scuff plate for sure-tooted control and carpet protection.
- Patented "Inter-lock" short-throw shifter cuts excess shifting motion.



THE ULTRA-LINER CHASSIS.

A FOUNDATION OF RELIABILITY AND PERFORMANCE.

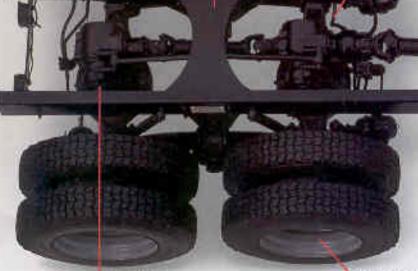


Lower, trunnion-mounted springs, top-mounted torque rods anchored to the frame crossmember and axie carrier housings form a parallelogram configuration which prevents axie rotation and insures equal weight distribution.

High-strength, body-bound bolts are used in all critical areas crossmembers, spring brackets and engine mounts.

Mack Bogles, with the unique Mack Inter-axle Power Divider, automatically divide power between axles to deliver more torque to the axle with the greater traction.

Straight-line drive shaft angles mean less vibration, lower stresses and frictional losses in transmission and axle carriers. Fuel tank sumps collect moisture and sediment, extending fuel filter and pump



A variety of rear suspension options are available to meet your application requirements. Non-asbestoslined brakes stop shorter and last longer.

Back-to-back crossmembers are lightweight and strong.

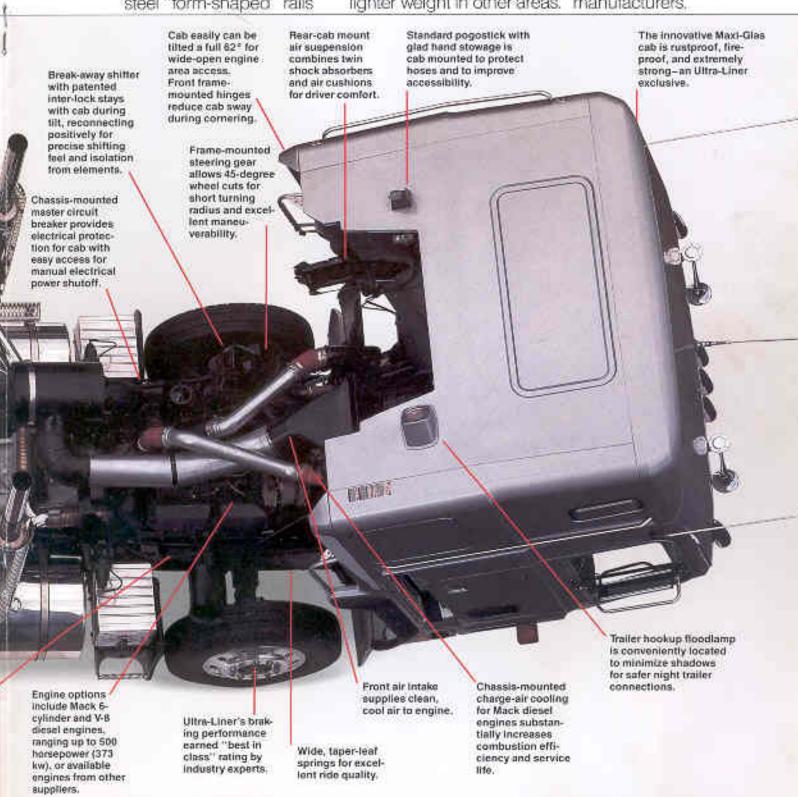
> Choose Mack's lightweight, triple countershaft T-200 transmission, or other available wendor components

Flared-front, deep center section frame helps smooth the ride and gives superior engine accessibility.

Reliability and performance are Mack traditions...and have been for nearly a century. This legendary quality starts with the chassis.

The Ultra-Liner frame features a deep center section. Its heat-treated steel "form-shaped" rails flare at the front for improved engine access and taper at the rear, allowing a lower fifthwheel position for hauling higher box trailers. This optimized design means exceptional strength where it's needed, with lighter weight in other areas.

And, all Ultra-Liners can be equipped with Mack's hallmark Balanced Design powertrain components for ultimate efficiency and longevity. Or you can choose from selected components from other popular manufacturers.







ULTRA-LINER ACCOMMODATIONS.

LUXURY THAT SOFTENS THE HARD ROAD.

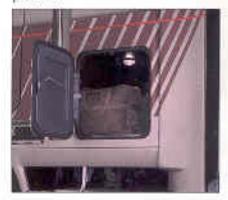
Life on the road can pose more than one person's share of challenges. But an intelligent, functional driver environment can make a difference in productivity.

The roomy Ultra-Liner carries a full payload of luxury appointments. First of all, the Maxi-Glas cab establishes peace and quiet, sealing out wind and road noise. Contoured, air-suspended seating faces an ergonomically efficient dash with full instrumentation and a soft-feel, 2-spoke steering wheel that tilts and telescopes for perfect reach.

A panoramic 2635 sq. in, tinted windshield provides a commanding view of the road, while a passenger door peep window helps side vision.

- Cab features spacious driver environment with ergonomically designed controls and luxury accommodations, including thick, soft-padded steering wheel and easy-to-read instruments. Level III frim shown.
- Roomy sleeper bunk has its own separate heater/AC controls and a mattress extension to accommodate taller drivers.
- Large, convenient side storage areas keep valuables secure and out of sight.

Above you'll find triple sun visors with overhead pivots, plus locking storage consoles and pre-wired provisions for CB and audio systems. And all electrical and pressure system controls are conveniently located behind a removable access panel.



Cab climate is easily controlled by the high capacity heater/defroster with nine cab and two sleeper outlets: Integrated air conditioning is optional.

You can select four levels of interior trim – from durable Level I in silvergrey vinyl to Level IV's rich, high-loft cloth and leather-grained vinyl combination. It's fully coordinated throughout.

Comfort, efficiency, driver control. All part of the package with the Ultra-Liner cabover. 3.

THE ULTRA-LINER ADVANTAGE.

THE MACK PHILOSOPHY OF BALANCED DESIGN.



Mack engines, transmissions and rear bodies are designed and built to work together-for added performance, durability and efficiency. That's why we introduced the integrated powertrain to heavy-duty diesel trucks in 1937. We called it Balanced Design. And today. no other North American truck builder can equal Mack's experience or control over total vehicle performance.

The Mack Maxidyne-Plus® 6-cylinder engine is the heart of Mack's Balanced Design concept. The Maxidyne high torque-rise design revolutionized the industry 20 years ago, and today its benefits are more important than ever. The Maxidvne concept provides high torque backup and virtually constant horsepower over a wide rpm band. And it's complemented by Mack transmissions with evenlyspaced gears that allow the operator to stay in a given mode longer, without appreciable horsepower loss.

The Maxidyne-Plus concept reduces governed speeds to 1750 rpm and peak torque speeds to 1020 rpm for the best of both worlds; the fuel efficiency of lower governed rpm and minimized shifting of the 5- or 6-speed transmission. This also benefits startability, as peak-torque rpm more closely matches the clutch engagement point.

Other Mack components perfectly match and complement engine characteristics; Smooth-shifting, T-200 series triple countershaft overdrive transmissions, with the highest torque capacity in their class. Rear bogies with the highly effective Mack Power Divider. And much more.

Balanced Design also means single source responsibility for sales, service, parts, and warranty coverage. Your investment does more than pay off. It pays dividends.





THE ULTRA-LINER PROFIT PICTURE.

MACK MAKES YOUR BUSINESS ITS BUSINESS.

Your investment in a Mack Ultra-Liner represents sound business judgement... not extravagance. Mack has engineered this product to

deliver long-term benefits that far outlast the initial attraction of cheaper trucks.

Reliability. Mack's legendary reputation has more meaning today than ever before. With

highly refined powertrain components, easy maintenance and solid, precision construction, your Ultra-Liner works hard to maximize your investment payback; It'll keep your business on the road, mile after mile, paycheck after

Flexibility. Whether you're a fleet owner or an independent owner-operator, Mack will tailor an Ultra-Liner to meet your

paycheck.

specific tastes and tasks. Sleeper or non-sleeper cab. Aerodynamic packages. A full-range of trim options. High quality custom paint and striping, including basecoat/clear-coat process. A wide choice of accessories. All designed to complement the Ultra-Liner's good looks. And your good sense.

Life-cycle Cost. The true measure of value. The Mack product philosophy means fewer service intervals, greater fuel





Warranty Protection.
Out on the road, UltraLiner owners work with
the security of Mack's
3-year, 300,000 mile
(480,000 kilometers)
warranty, with available
Bulldog Protection™
extension options.

Service Support. A worldwide network of well-equipped dealer and United States (1-800-262-MACK) for emergency assistance.
Reliability. Flexibility.
Life-cycle Cost. Warranty.

Service Support. Bottom-

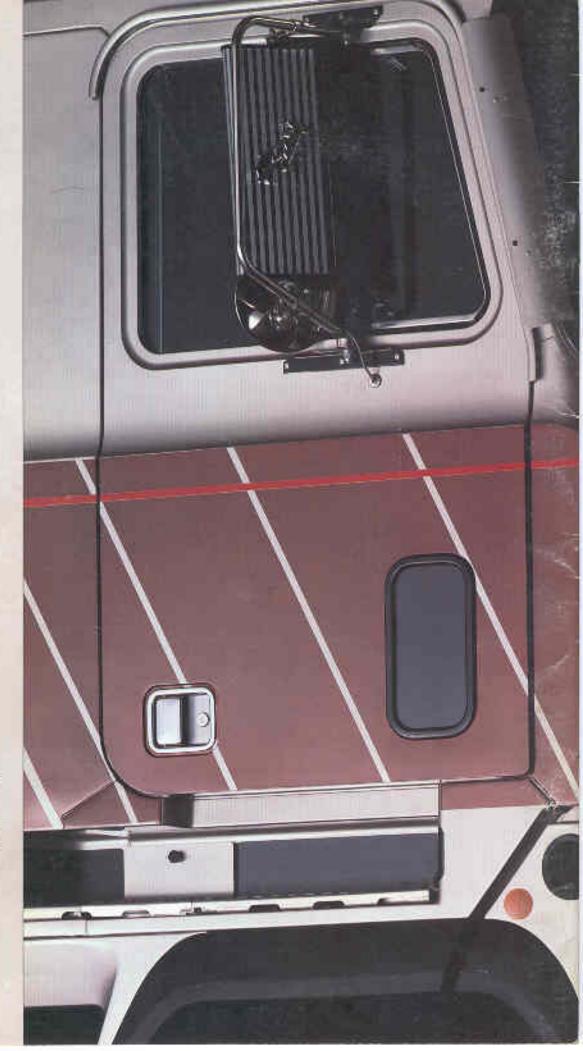
line reasons why your business will profit from the Mack Ultra-Liner, And just some of the many personal and professional rewards designed into the ultimate cabover.

Mack even offers a toll-



free, 24-hour service

hotline in the continental





The information in this brochure was accurate at the date of publication. Mack Trucks, Inc. reserves the right to make changes in specifications, equipment or design, or to discontinue models or options without notice at any time. Warranty terms and services may vary in certain countries.

18-MH40/87

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