



CM400



INSIDE AND OUT
THE NEW CM400

AUTOLIT



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INTRODUCTION

Mack Trucks, always engineering for the future, is pleased to present the new CM400 truck model, the first of many major product introductions coming from Mack over the next several years.

At Mack, we know that

LISTENING is the first and most important step in developing the highest quality, most durable, and most economic trucks in the world. The CM400 is the result of LISTENING to you, our field organization, and to our valued customers.

The Mack concept of integrated, balanced design means the CM400 is a completely new truck with components matched to perform reliably and efficiently in the price-sensitive light end of the Class 8 market.





CM400

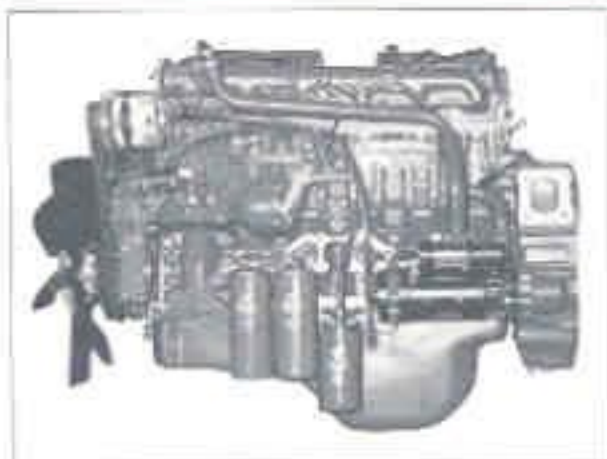
ENGINE

The heart of the CM400 is the performance-proven Mack E5 series diesel engine, with a power rating of 240 bhp at 2000 rpm. The Mack E5-240 is of wet-type, replaceable sleeve design, with replaceable valve seats and guides, as well as rebuildable nozzle assemblies. In other words, it is an in-frame-rebuildable engine, not a throwaway engine.

Mack's sleeved engine design avoids the expensive remanufacturing costs associated with reboring. This allows infinite rebuildability which can return the engine to factory specifications. Competitive engines without sleeves can only be rebored a limited number of times.

The E5-240 engine uses the standard Mack spin-on water conditioner, oil, and fuel filters. These filters are pad-mounted and are available as a kit, which is a service plus for the customer. In keeping with Mack tradition, the engine is also fitted with a magnetic drain plug.

Also incorporated are advanced turbocharging and chassis-mounted charge-air cooling, which offers improved fuel economy, better performance, and greater engine durability than other diesels in the CM400's class.



CM400



An easy, torsion-assisted 70° tilt of the hood affords quick access to the normal service items: (A) engine oil check and fill; (B) coolant expansion tank; (C) windshield washer fluid reservoir; (D) power steering reservoir; (E) air intake filter and restriction gauge. The air intake also has an automatic moisture eliminator.

There are removable splash shields to keep the engine area clean. To cut down on vibration, the mounting and rest points of the hood are isolated in rubber.

There are numerous features in the cab on the CM400 that have been included for driver comfort, safety, and convenience.

- It is one of the best and roomiest cabs in the industry.
- The side mirrors are the retractable type, with a 4-point mount which reduces strain on the sheet metal. This makes them more stable and less likely to be knocked out of alignment when the door is shut.



- The galvanized, self-cleaning steps are designed with safety in mind and manufactured with rust protection for longer life.

- A low cab floor, with wide door openings and two convenient grab handles at each door, make the cab entry and exit safe and easy—the best in the industry!



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MACK CM SERIES

Standard Specifications

ENGINE	E5-240 (EC5-240 Calif. Cert.) 4-cycle, diesel, direct injection, turbocharged and charge-air cooled 240HP @ 2000 RPM (49 state) 860 lb.-ft. torque @ 1200/1250 RPM Robert Bosch multi-plunger type fuel pump 75-gallon fuel tank with sump Donaldson air cleaner with restriction monitor and moisture eliminator Under-frame exhaust
ELECTRICAL SYSTEM	Delco 12V starter Delco 12V, 100AMP alternator Maintenance-free batteries (3) 1500 total CCA Breaker panel in cab
TRANSMISSION	Spicer SST-9072 7-speed 14" two-plate, ceramic dampened disc clutch Dana 1710 series driveline
FRONT AXLE	12,000 lb. capacity Taper-leaf springs Shock absorbers Ross 503 manual steering
REAR AXLE	23,000 lb. capacity Multileaf and helper springs
FRAME	9.27 in. ³ section modulus per rail 1,020,000 lbs.-in. RBM per rail 144" wheelbase 109" effective load platform 104.5" BBC Frame-mounted tow eyes
BRAKE SYSTEM	Full air dual system Cam-type Auxiliary spring brake chambers
WHEELS/TIRES	Cast spoke 11R-22.5 14-ply tires on 8.25 rims
CAB/HOOD	4-point cab mounting with insulators and shock absorbers 70° tilt of hood Hood mounting and rest points isolated in rubber Mechanical suspension driver's seat Integrated heater and defroster Electronic 5" diameter tachometer and speedometer Two-speed electric windshield wipers One-piece tinted safety glass windshield

