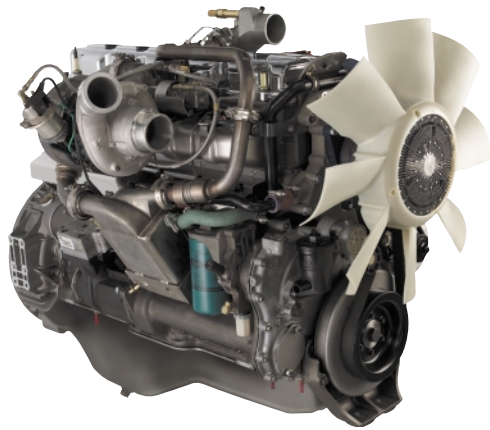




Mack® ASET™ Engines

Keeping highway vehicles productive.

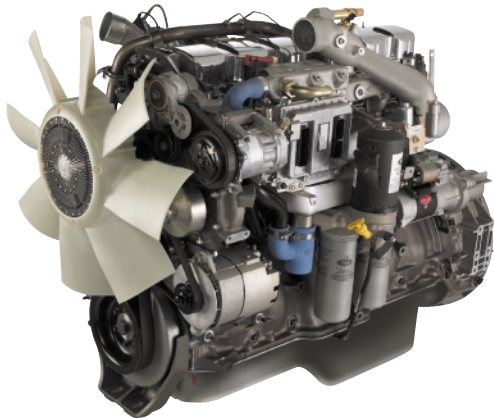


The right engine for the right job.

Mack® has always made sure everything we designed and built was right for the job. All our products are engineered to make them perfect for their intended use. That way of working applies to our new engine family. Called Application Specific Engine Technology or ASET™ for short, these innovative engines were built to comply with new federal emissions regulations, but also provide other important benefits.

Engines that are right at home on the highway.

Engines built for the highway operate in a steady state environment. Simply put, they run for long periods of time on the open road at high speeds, as opposed to engines that run short distances with lots of stops and starts. The Mack ASET engine combines two innovative technologies. The first is Cooled Exhaust Gas Recirculation (CEGR) that dramatically reduces nitrogen oxide (NOx) for cleaner emissions. The second is Variable Geometry Turbocharger technology. It provides the power, torque and throttle response time you need. It's all handled electronically with our road-proven, time-tested Vehicle Management and Control System – VMAC®.



Even drivers will get revved up.

Drivers love this engine. First of all, it delivers plenty of power with a more pleasing, less intrusive sound. Mack ASET engines have improved braking power so drivers feel more confident and in control. Engine response time is practically instantaneous. This engine reaches peak operating temperature quickly, so you idle less and get going sooner.





Maintenance made easy.

Smart engineering and a simple design make maintenance a cinch. An innovative CENTRI-MAX[®] Ultra oil filter system uses centrifugal force to eliminate harmful particles. Plus, Mack leads the industry with the longest oil drain interval. Filter positioning makes for easy access and replacement.

Driving efficiency through electronics.

The ASET family of highway engines works perfectly with our Vehicle Management and Control (V-MAC[®]) system. This fully-integrated advanced electronics system is road-tested and time-proven. You can program hundreds of engine and vehicle function parameters for more efficient operation. An optional DataMax[™] system gives drivers and fleet managers important details on fuel economy, engine performance, PTO information, miles traveled and more. GuardDog[™] is an optional maintenance monitoring system providing predictive oil change information plus real-time data on fluid levels and brake shoe wear.

| ENGINE FAMILY | MODEL | SPEED RANGE RPM | POWER HP | SPEED RPM | TORQUE RISE |
|-------------------------|------------|-----------------|----------|-----------|-------------|
| MAXICRUISE [®] | AC-310/330 | 1100-1800 | 310 | 1800 | 50% |
| | AC-330/350 | 1100-1800 | 330 | 1800 | 52% |
| | AC-355/380 | 1100-1800 | 355 | 1800 | 51% |
| | AC-380/410 | 1100-1800 | 380 | 1800 | 50% |
| ECONODYNE [®] | AC-350 | 1200-1800 | 350 | 1800 | 33% |
| | AC-400 | 1200-1800 | 400 | 1800 | 25% |
| | AC-427 | 1200-1800 | 427 | 1950 | 25% |
| | AC-460(E) | 1200-1800 | 460 | 1950 | 24% |
| | AC-460(P) | 1200-1850 | 460 | 1950 | 27% |

