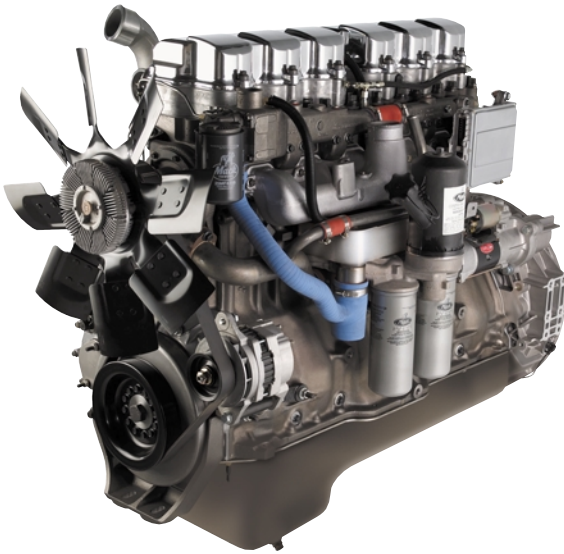




Mack® ASET™ Engines

Muscle and efficiency
for any jobsite.



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 work the way vocational trucks behave.

Vocational trucks are real workhorses. Compared to highway trucks, they travel relatively short distances over rough terrain with lots of stops and starts. That's why we built an ASET engine specifically designed to give you the power and performance to conquer tough vocational jobs, while reducing nitrogen oxide (NO_x) for cleaner emissions.



Lightweight reliability is built-in.

The ASET uses breakthrough technology to give you the power and torque you need. This engine uses Internal Exhaust Gas Recirculation (IEGR) that allows exhaust gases to be recirculated with fresher, cooler air and provide responsive power as well as meet stringent NO_x levels. All without adding any additional weight. ASET engines have the best power-to-weight ratios in trucking to give you a sharper edge in the competitive trucking business.





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 makes 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 vocational 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	PEAK POWER		TORQUE RISE
			POWER (HP)	SPEED (RPM)	
AUTOMATIC	AI-300A	1300-1950	325	1700	49%
MAXIDYNE®	AMI-300	1300-2100	325	1700-1900	60%
	AMI-335	1300-2100	365	1700-1900	60%
	AMI-370	1300-2100	405	1700-1900	60%
ECONODYNE®	AI-350	1300-1950	350	1600-1950	34%
	AI-400	1300-1950	400	1600-1950	26%
	AI-427	1300-1950	427	1600-1950	27%
	AI-460	1300-1950	460	1600-1950	26%

