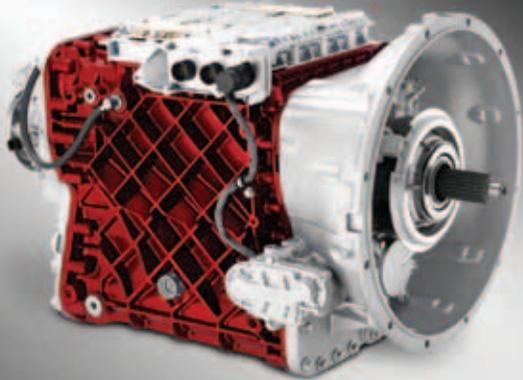


# BUILT FOR PRECISION SHIFTING



BUILT LIKE A MACK TRUCK®



## MACK mDRIVE TRANSMISSIONS ENHANCE PERFORMANCE FOR PINNACLE™ MODELS

With the all-new Mack mDRIVE transmission built exclusively for Pinnacle tractors, you can now get a complete Mack Pedigree Powertrain in an automated manual transmission. This 12-speed, two-pedal transmission maximizes driver comfort, payload and fuel economy. The mDRIVE includes an impressive base torque input capacity of 1,920 lb.-ft. and is offered with Direct Drive or Overdrive.



The mDRIVE is designed to integrate seamlessly with the Mack MP7 and MP8 engines in the Econodyne® and MaxiCruise® families. There's no clutch pedal, and the gearshift is operated by intelligent electronics. Any Pinnacle packaged with an mDRIVE automated manual transmission not only delivers smooth shifts every time, but it opens you up to a larger pool of drivers.

Featuring advanced technology, mDRIVE continuously monitors changes in grade, vehicle speed, acceleration, torque demand, weight and air resistance. With the engine and transmission in constant communication, there's no compromising. mDRIVE automatically selects the best gear for the engine. This puts less stress on the driveline, for longer life and less wear. The mDRIVE is based on proven technology that requires minimal service and significantly reduced maintenance.

The mDRIVE transmission features Mack's industry-leading, four-speed reverse functionality that better controls speed and engine RPMs. The mDRIVE is also available with dual rear transmission PTO mounting options.



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## mDRIVE BOASTS COST-SAVING ADVANTAGES

Available in *Fleet* and *Premium* packages, the mDRIVE can be customized with the following:

**Auto Neutral:** The transmission shifts to neutral if the engine is turned off while still in gear, or when the Parking Brake is applied. This is designed to prevent engine stalling and reduce the load on the drivetrain.

**Grade Gripper:** On a grade it holds the Service Brake until the throttle is applied.

**Gear Selection Adjustment:** Starting gear when stationary and driving gear while moving can be manually selected within limits by using the up/down buttons on the premium shift pad.

**PowerLeash™ Engine Brake:** The control logic of the PowerLeash engine brake will automatically downshift the mDRIVE transmission for maximum engine brake performance. Also, in Auto mode a target retarding MPH can be set (when not in cruise control) to maintain a desired downhill speed.

**Easy Shift:** Provides smooth, precise and less aggressive shifting. It is recommended for cattle haul, liquid bulk haul, and similar applications where load shifting must be minimized.

**Cruise 'n Brake:** The Mack Cruise 'n Brake function limits engine brake operation while in cruise control until a target speed has been reached.

**Low Speed Modulation Control:** Provides smooth low speed control without the need to continually brake and accelerate.

**MackCellerator™:** Allows the driver to raise the engine RPM while automatically shifting to a lower gear, affording higher RPM and increased HP to assist with a safe and quick pass all without taking the driver's hands off the steering wheel or eyes off the road.

	FLEET	PREMIUM
<b>Auto Neutral</b>	Standard	Standard
<b>Grade Gripper</b>	Optional	Standard
<b>Gear Selection Adjustment</b>	Optional	Standard
<b>PowerLeash Engine Brake</b>	Standard	Standard
<b>Easy Shift</b>	Optional	Optional
<b>Cruise 'n Brake</b>	Optional	Standard
<b>Low Speed Modulation Control</b>	Standard	Standard
<b>MackCellerator</b>	Optional	Standard

For more information on the Mack mDRIVE transmission, call 1-800-922-MACK (6225) or visit [macktrucks.com](http://macktrucks.com) to find a dealer near you.