



mDRIVE™ HD



Carries everything. Stops at nothing.



You never slow down, so this transmission steps it up. Mack's mDRIVE™ HD heavy-duty automated manual transmission does the heavy lifting, so you can tackle the most demanding jobs with ease. It comes standard on Titan by Mack and is made to resist the wear and tear of your heaviest hauls.

MackTrucks.com

BORN READY.

Mack® mDRIVE™ HD Transmission

The mDRIVE HD heavy-duty automated manual transmission comes standard on Titan by Mack trucks to help attack whatever challenges you face on the job. This 12-speed, two-pedal transmission offers up to 2,060 lb.-ft. of torque, horsepower ratings from 515 to 605 HP and is designed to integrate seamlessly with Mack MP10® engines.

Because mDRIVE HD is in constant communication with your engine, it's continuously monitoring changes in grades, vehicle speed, acceleration, torque demand, weight and other factors, so there's no compromising on performance.



mDRIVE HD offers the following features:

Grade Gripper

There's no awkward and dangerous roll-back when stopping on a grade. Grade Gripper keeps your position for up to three seconds after the brake pedal is released.
(Optional with Mack Fleet shifter package)

Rock Free

Don't let troublesome terrain bog you down. When your truck gets stuck, mDRIVE HD rocks the vehicle back and forth to break you free.
(Optional with Mack Fleet shifter package)

Power Launch

When rocking won't release your truck from sand and loose soil, mDRIVE HD responds with more power than you thought possible. It allows you to raise the engine RPM and torque prior to engaging drive mode to free your vehicle.
(Optional with Mack Fleet shifter package)

PTO Options

The mDRIVE HD is available with up to six different combinations of rear transmission-mounted PTO options and a selection of factory-installed piston and gear-driven hydraulic pump options.

PowerLeash™ Engine Brake

Get maximum performance from your engine brake. By setting your downhill speed, the engine, engine brake and transmission work together to allow a faster controlled descent speed in a higher gear without overspeeding the engine.

Enhanced Construction Shift

Heavy-duty construction jobs demand more aggressive shifting. Enhanced Construction Shift maximizes gradeability and improves starting and shifting on rough terrain.
(Optional with Mack Fleet shifter package)

Heavy Haul Shift

Meet Mack's most assertive shift strategy yet. Designed for the trucks that shoulder your largest loads, Heavy Haul Shift offers even more performance-oriented shift points and less skip shifting. Recommended for loads over 160,000 GCW.
(Requires Mack Premium shifter package)

COMPLETE INTEGRATION

As part of Mack's legendary integrated powertrain, mDRIVE HD works seamlessly with Mack engines and axles for improved efficiency, increased uptime and lower cost. Because when all the pieces perform together, everything else falls into place.

LIGHTER THAN THE COMPETITION

Even though mDRIVE HD is built strong, it won't weigh you down. It's hundreds of pounds less than competitors, so you can ditch the dead weight and increase your payload.

INCREASED PRODUCTIVITY

The mDRIVE HD is automated, so it's easy to operate. Because drivers don't have to worry about shifting gears, they're more rested and ready to finish the job with increased focus and productivity.

ONE-STOP SERVICE

Because mDRIVE HD is a Mack transmission, it's serviced in Mack's industry-leading, coast-to-coast dealer network and supported by our comprehensive Uptime Services. Forget the additional time or hassle spent dealing with third-party repairs.