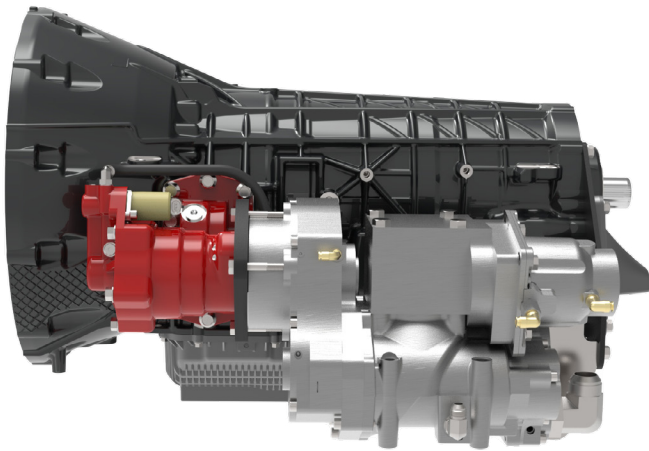




DIRECT-TRANSMISSION MOUNTED AIR COMPRESSOR

DTM185



BENEFITS



185 CFM, Air On Demand

VMAC's DTM185 delivers 185 CFM at 2,100 RPM, and 125 CFM at PTO idle (~1,200 RPM), providing a continuous supply of compressed air at 100% duty cycle. The DTM185 allows you to run two jackhammers simultaneously for hours or use one jackhammer at PTO idle to maximize productivity and minimize fuel costs.



Fast & Easy Installation

DTM185 air compressors are easy to install due to fully engineered mounting kits, which include a custom-configured Chelsea PTO. Installation times are up to 50% faster than other underdeck air compressor systems. No additional drive shafts are required, eliminating added costs, installation complexity, and potential alignment issues, and the DEF tank can remain in its original place on most vehicles.



Enhanced Digital Controls & Telematics

The DTM185 features VMAC's advanced digital control system, complete with telematics, built-in soft start, safety controls, automatic cooling and heating, and enhanced diagnostics. VMAC's digital controls integrate with Ford's CAN bus, which provide more information about your compressor than ever before and make it easy to monitor the performance of your system and plan maintenance intervals.



Superior Vehicle Integrated Design

VMAC's DTM 185 CFM air compressors free up to 70 cubic feet of deck space and decrease truck GVW by up to 1,900 lb compared to utility mount and tow-behind air compressors. Choose a DTM185 and you'll be able to free up your hitch, add more tools, materials and equipment to your truck, take advantage of better fuel economy, or even downsize your truck classification.



Zero Impact To Ground Clearance

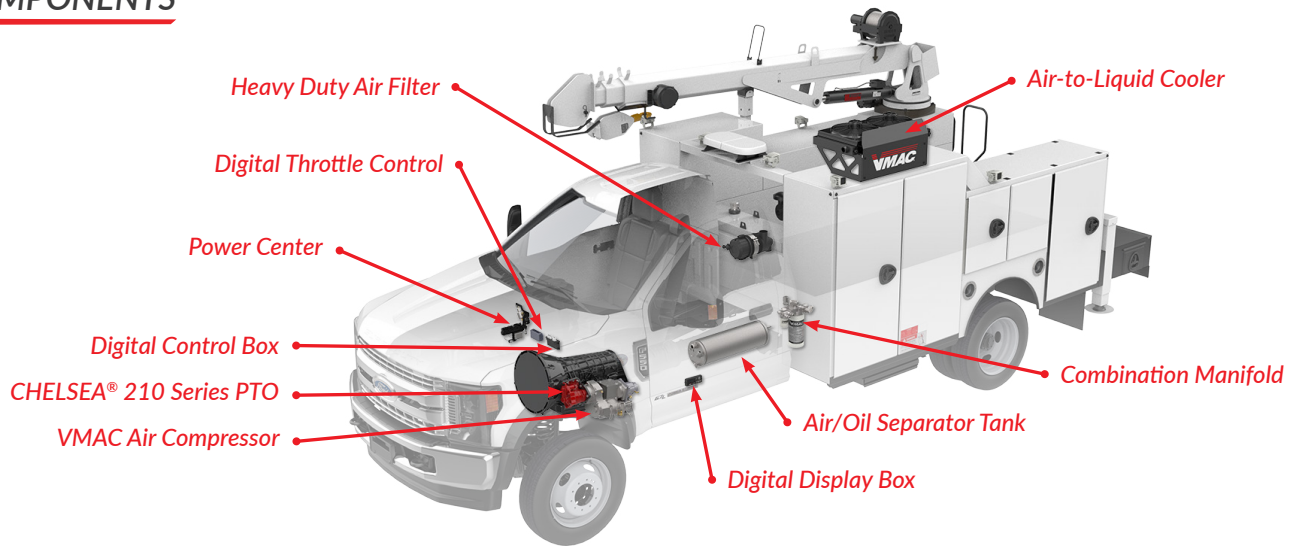
VMAC's DTM185 air compressor doesn't impact your ground clearance. The air compressor mounts to the Ford transmission and is tucked up and out of the way to keep it safe, while other system components are safely secured around the vehicle, ensuring the system is always protected and ready for rugged terrain.



Easy Operation

Press and hold the POWER button on the display box, and the VMAC control system takes care of the rest. The PTO engages, the compressor turns on, and the throttle control automatically idles the truck engine up and down to match air demand. Meanwhile, VMAC's control system uses Ford's built-in diagnostics to confirm system and vehicle health every step of the way.

COMPONENTS



SPECIFICATIONS

Air Compressor Output	» 185 CFM @ 100 psi at ~2,100 RPM (up to 150 psi max) » 125 CFM @ 140 psi at ~1,200 RPM (PTO idle)
Air Compressor	PTO driven, direct-transmission mounted, 100% duty cycle, VMAC oil-injected rotary screw
Total System Weight (dry)	Approximately 375 lb (170 kg)
PTO (Included)	CHELSEA® 210 Series PTO equipped with Chelsea's Smart Start technology; custom-engineered to seamlessly integrate with VMAC's control system
Air-to-Liquid Cooler	35.5" (l) x 17.7" (w) x 24.2" (h) / 90.2 cm (l) x 45 cm (w) x 61.5 cm (h); deck mounted; configurable for best mounting location; fans controlled automatically by the control system based on system temperatures
Combination Manifold	Compressor oil management system adjusts oil flow based on oil temperature via a thermostatic proportional oil valve; includes coalescing filter, oil filter, rapid blow-down valve and minimum pressure check valve
Throttle Control	Variable speed; digital throttle control connects to HS1 CAN bus connector; adjusts truck engine speed automatically to match air demand; adjustable
Digital Display Box	» On/Off function of PTO and compressor » OLED displays real-time system information, service notifications & informative diagnostics messages » Interface for adjusting all compressor and throttle control settings
Digital Control Box	Continually monitors Ford and compressor system health with Ford CAN bus integration; includes telematics to allow customers to tap into the VMAC CAN bus with their own control interface
Safety System	» Automatic system checks during engine & PTO startup prior to engaging compressor » Automatic compressor pre-heater function » Compressor temperature & pressure sensors » Automatic rapid blow-down valve on combination manifold » 200 psi air pressure relief valve on Air/Oil Separator Tank » Safety interlocks are fully integrated into the control system, including transmission park signal and parking brake » Air-to-liquid cooler automatically engages when needed; bypassed when not required
Applications	2020+ Ford F-350 to F-600 Super Duty chassis cabs with 6.7L V8 Diesel, 10-speed (10R140) 2WD Automatic Transmission & Aft-of-Axle fuel tank configuration
Warranty	VMAC Lifetime Warranty (Limited) on VMAC air compressors; two years on all other major components; for details visit www.vmacair.com/warranty