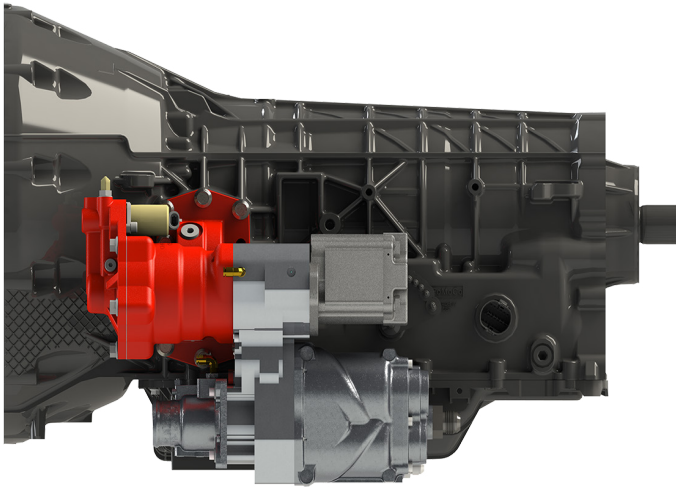




DIRECT-TRANSMISSION MOUNTED PTO DRIVEN MULTI-POWER SYSTEMS

DTM70-H



BENEFITS



Variable Air & Steady Hydraulics – One PTO

Use variable air power and steady hydraulic power at the same time with a single PTO port. The DTM70-H uses a priority valve to divert excess hydraulic flow, which allows you to get up to 65 CFM* of compressed air on demand—while simultaneously providing the consistent hydraulic power you need.



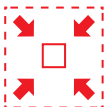
Fixed & Variable Operating Modes

The DTM70-H multi-power system allows operators to switch between fixed and variable modes, which reduces engine RPM and minimizes fuel consumption, resulting in fewer emissions and less noise on the job site. Fixed mode maintains a pre-set low engine RPM for running hydraulic equipment and provides a steady rate of compressed air. Variable mode enables engine RPM to increase and decrease automatically based on air demand, while still maintaining steady hydraulic flow. Both modes enable hydraulic equipment to operate at their required speeds.



Decrease Truck GVW By Up To 600 lb

The DTM70-H frees up truck GVW by as much as 600 lb, with no air receiver tank to mount on the truck deck and 50% smaller hydraulic tank sizes required compared to other hydraulic systems. The total system weight is only 180 lb, allowing you to add taller tool cabinets, carry more materials or equipment or take advantage of improved fuel economy while driving to the jobsite.



Free Up To 13 Cubic Feet

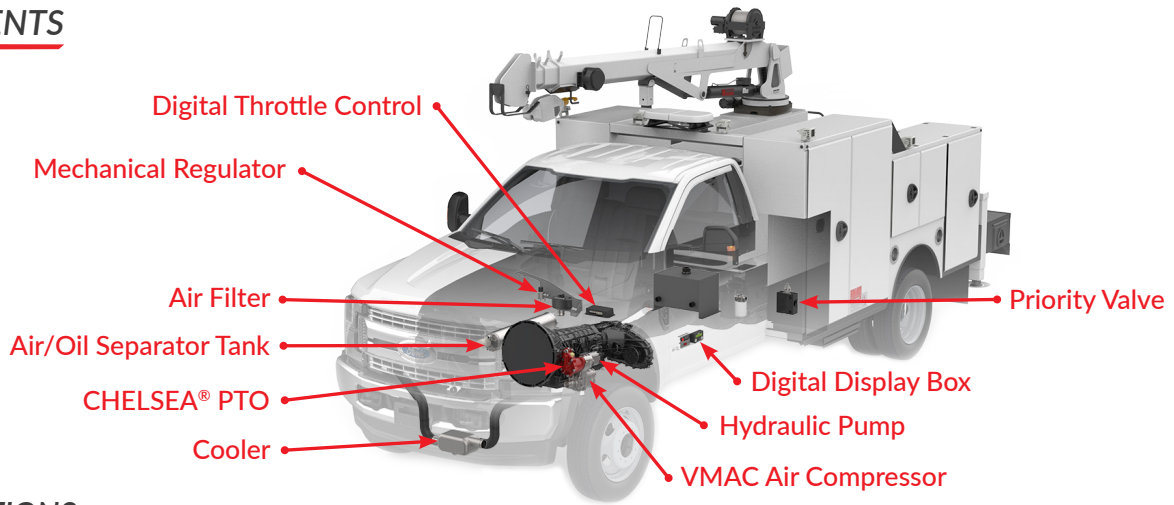
The DTM70-H multi-power system frees up to 13 cubic feet on the truck deck because the air compressor mounts to the transmission, and the rest of the system mounts under the truck. In fact, no components get installed on the truck deck which ensures a clean and professional looking truck, and space for other equipment, tools or materials.



30% Faster Installations

The DTM70-H is application engineered for 2020+ Ford F-250 to F-600 Super Duty work trucks with 6.7 L Power Stroke diesel, and TorqShift™ Automatic Transmission (4x4 or 4x2). No modifications are required to the Ford transfer case. No drive shafts are required, which can cause alignment issues. The system also allows for reduced hydraulic plumbing, fittings, and hoses compared to other deck-mounted hydraulic air compressors.

COMPONENTS



SPECIFICATIONS

Air Compressor Output	Up to 65 CFM* @ 100 psi (175 psi max)
Air Compressor Type	PTO driven, direct transmission mounted, 100% duty cycle, VMAC oil-injected rotary screw
Weight (wet)	Approximately 180 lb (81.6 kg)
PTO (Included)	CHELSEA 210 Series PTO; electrically actuated, PTO indicator lamp
Hydraulic Pump Options	2.5 GPM – 8.0 GPM*
Throttle Control	Two operating modes: variable and fixed; includes toggle switch to switch modes <ul style="list-style-type: none"> » Fixed mode: engine RPM stays constant at engine RPM set-point (factory pre-set 1,250, +/- 250 RPM) » Variable mode: engine RPM increases and decreases automatically based on air demand (up to max RPM for the pump)
Control System	<ul style="list-style-type: none"> » Allows for simultaneous operation of both the air compressor and hydraulic pump » On/Off function of PTO and compressor » Operating mode switch on PTO indicator panel » LCD display » Service notifications » Error messages » System temperature » Compatible with start/stop crane modules
Safety System	<ul style="list-style-type: none"> » Automatic compressor heater function » Compressor over-temp sensor » Automatic rapid blow-down valve on tank » 200 psi air pressure relief valve » Truck drive disable circuit on throttle control » Truck park brake safety shut-off switch on control box » Priority valve diverts excess hydraulic flow to reservoir tank
Warranty	<ul style="list-style-type: none"> » Two years on all major components; VMAC air-ends are covered by VMAC's Lifetime Limited Warranty » Chelsea PTO covered by Parker Chelsea Two Year Warranty; Chelsea Pumps covered by Parker Chelsea 18-month Warranty

*Actual CFM and GPM output dependent on hydraulic pump, engine RPM and operating mode (see chart below)

COMPRESSOR & HYDRAULIC PUMP PERFORMANCE TABLE

2020+ Model Year	2 Operating Modes - Rocker Switch Selection			Fixed Mode*	Variable Mode						
	Engine Speed (RPM)			1,250	1,500	1,800	2,100	2,200	2,300	2,400	2,500
	Compressor Output (CFM @ 100 psi)			25	35	46	55	58	60	63	65
	DM2A021/30	Priority Valve included; Hydraulic Pump included	(GPM @ 3,000 psi)	2.5-3.2**	*Fixed Mode factory pre-set 1,250 (+/- 250 RPM)						2,500 Max RPM
	DM2B021/30			4.3-6.0**	**Hydraulic flow adjustment made w/Priority Valve						2,300 Max RPM
	DM2C021/30			6.5-8.0**							2,100 Max RPM

