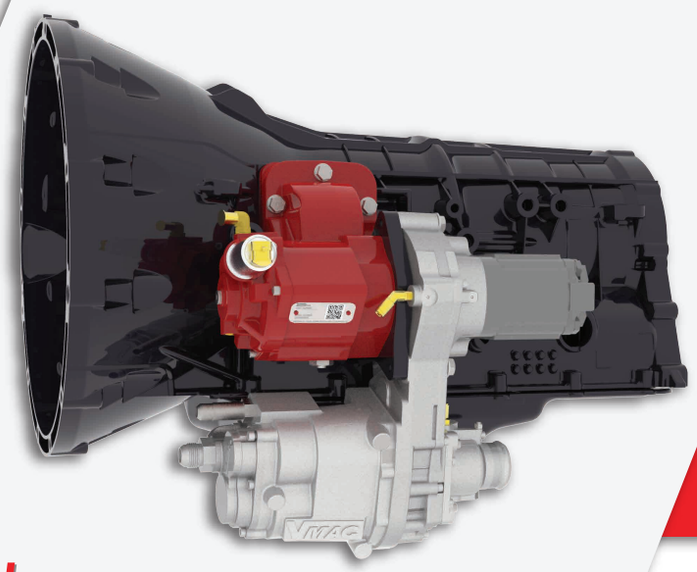
DIRECT-TRANSMISSION™ MOUNTED PTO DRIVEN MULTI-POWER SYSTEM

THE WORLD'S FIRST DIRECT-TRANSMISSION™ MOUNTED PTO DRIVEN AIR COMPRESSOR... NOW WITH HYDRAULICS!



DTM70-H

"So far it's been awesome. The DTM70-H is so much quieter than my old reciprocating system. I just turn it on and it keeps up with no lag time, supplying all the air I need instantly. It's so lightweight, which is big on my F550, so I can carry all my tools and equipment without going over weight."

- Phil Fanelli, Owner, Heavy Equipment Repair, Hilmar, CA

UP TO 70 CFM. UP TO 14.9 GPM.

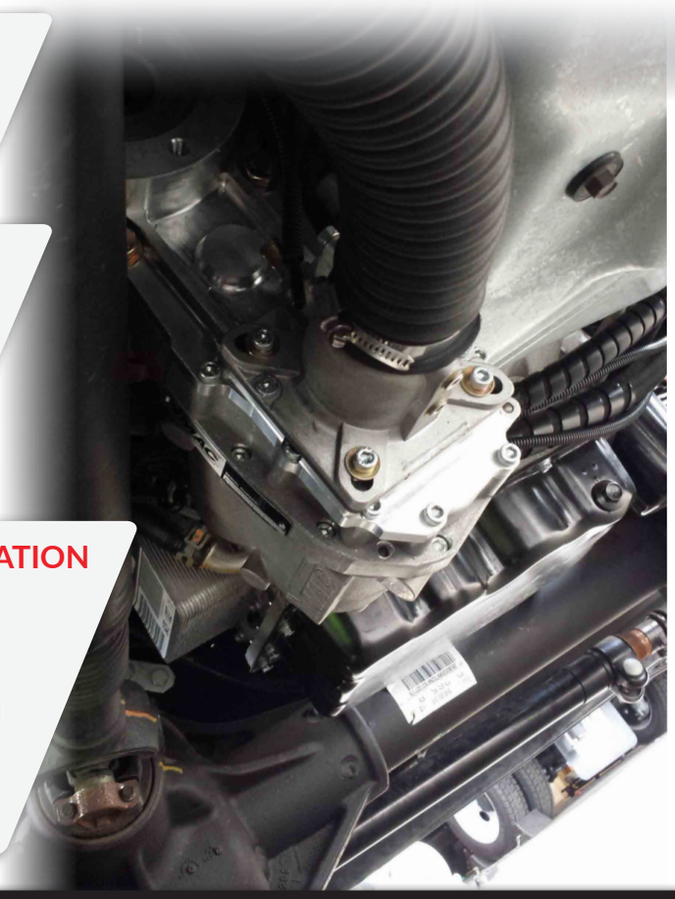
The VMAC DTM70-H uses rotary screw technology designed to run 100% of the time without stopping, to maximize operator efficiency on the jobsite. The system can produce up to 70 CFM @ 100 psi or up to 14.9 GPM @ 3,265 psi, dependent on pump size and engine RPM.

DECREASE TRUCK GVW BY UP TO 600 LBS

The DTM70-H frees up truck GVW by as much as 600 lbs, 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 lbs, allowing you to add taller tool cabinets, carry more materials or equipment or take advantage of improved fuel economy while driving to the jobsite. The EPA reports, for every 100 lbs of weight savings on a vehicle, you can reduce fuel consumption by up to 2%.

30% FASTER INSTALLATION/SIMULTANEOUS OPERATION

The DTM70-H is application-engineered for 2017-2018 Ford F250 to F550 Super Duty work trucks with 6.7L Power Stroke diesel, and TorqShift™ Automatic Transmission (4x4 or 4x2). No modifications are required to the Ford transfer case. No drive shafts are required to cause alignment issues. Reduced hydraulic plumbing, fittings and hoses compared to other deck-mounted hydraulic air compressors. The system integrates with standard crane controls and a new benefit is both the air compressor and hydraulic pump are designed to run simultaneously.



DESIGNED FOR: Ford Power Stroke 6.7L

MECHANICAL REGULATOR
Easy access for setup/adjustment

AIR/OIL SEPARATOR TANK
Separates compressor oil from compressed air and mounts safely to the truck's frame rail

COOLER
Liquid-to-liquid cooler integrates into truck's cooling system and mounts under the truck's radiator

HYDRAULIC PUMP
Various pump options available; 3.5 GPM – 14.9 GPM

REMOTE HEAVY DUTY AIR FILTER

DIGITAL DISPLAY BOX
LCD for on/off controls; observing system status, service reminders

CHELSEA® 249 SERIES PTO

VMAC AIR COMPRESSOR
Oil-injected rotary screw; Up to 70 CFM @ 100 psi; 100% duty cycle; up to 175 psi

HEATER
Includes 300 W modified Sine Wave Inverter and wiring harness

*Patent Pending

SPECIFICATIONS

Air Compressor Output	Up to 70 CFM @ 100 psi (175 psi max); actual CFM output dependent on engine RPM (see chart below)
Air Compressor Type	PTO driven, direct transmission mounted, 100% duty cycle, VMAC oil-injected rotary screw
Weight (wet)	Approximately 180 lbs (81.6 kg)
PTO (included)	CHELSEA® 249 Series, electrically actuated, PTO indicator lamp
Hydraulic Pump (sold seperately by VMAC)	➤ Various Hydraulic Pump options available ➤ Actual GPM output dependent on pump size and engine RPM (see chart below)
Throttle Control	➤ 2 throttle control set-points available ➤ Adjustable up to 3,000 RPM ➤ Allows for dual speed operation with cranes that have available input/output for high idle mode
Control System	➤ On/Off function of PTO and compressor ➤ LCD display ➤ Service notifications ➤ Error message ➤ System temperature ➤ Compatible with start/stop crane modules ➤ Allows for simultaneous operation of both the air compressor and hydraulic pump
Safety System	➤ Automatic compressor heater function ➤ Automatic rapid blow-down valve on tank ➤ Truck drive disable circuit on throttle control ➤ Compressor over-temp sensor ➤ 200 psi air pressure relief valve ➤ Truck park brake safety shut-off switch on control box
Applications	2017-2018 Ford F250 to F550 Super Duty 6.7L Power Stroke diesel 4x2 & 4x4 with TorqShift™ Automatic Transmission
Warranty	➤ 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

COMPRESSOR & HYDRAULIC PUMP PERFORMANCE TABLE

Engine Speed (RPM)			1,200	1,300	1,400	1,500	1,700	1,800	2,000	2,100	2,200	2,600	2,700
Compressor Output (CFM @ 100 psi)			30	34	37	41	46	49	53	55	58	66	69
VMAC Part #s													
4500150	*Hydraulic Output*	*(GPM @ 3,265 psi)*	8.1	8.8	9.5	10.2	11.5	12.2	13.5	14.2	14.9	2,258 Max RPM	
4500149		*(GPM @ 3,410 psi)*	7.4	8.0	8.7	9.3	10.5	11.1	12.4	13.0	13.6		
4500148		*(GPM @ 3,625 psi)*	4.9	5.3	5.8	6.2	7.0	7.4	8.2	8.6	9.0	10.7	2,661 Max RPM
4500147			3.5	3.8	4.1	4.4	5.0	5.3	5.9	6.2	6.5	7.7	8.0

VMAC DEALER INFORMATION:

VMAC AIR INNOVATED

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