



PTO Drive Centrifugal Sprayer Pumps

- Easily replaced Viton® mechanical seal
- ABS Plastic Belt & Shaft Guard
- Spring loaded Idler to maintain proper belt tension
- Cast Iron construction
- Sealed ball bearing
- 10-groove poly V-Belt

Standard & High Performance Models

Power Take-Off Mounted



STANDARD PUMPS

1-1/4" inlet x 1" discharge

PTO RPM	PRESSURE	CAPACITY		HP
600	60 PSI	20 GPM	1200 GPH	1-1/4
or	40 PSI	50 GPM	3000 GPH	2
1000	30 PSI	60 GPM	3600 GPH	2-1/4

* Data based on 1 foot lift through unrestricted suction hose and fittings with full 1-1/4" I.D.

HIGH PERFORMANCE

150 SERIES

150 SERIES PERFORMANCE CHART

TRACTOR PTO SPEED	450 RPM	500 RPM	540 RPM	600 RPM
	PSI	GPM	GPM	GPM
20	70	80	95	100
30	55	75	90	100
40	40	65	85	95
50	25	55	80	90
60	10	45	70	80
70	-	25	65	75
80	-	10	55	65
90	-	-	30	55
100	-	-	-	40

100 PSI - 40 GPM at 600 RPM
Due to increased pulley ratio and 1-1/2" inlet x 1-1/4" Discharge ports

Part No.

Standard Pumps

- AC PTOC600-10QC** Direct Mount on 1-3/8" 600 RPM PTO Shaft. 6-Spline Quick Coupler PTO Drive Shaft. Wt. 46 lbs.
- AC PTOC1000-10** Direct Mount on 1-3/8" 1000 RPM PTO Shaft. 21-Spline split PTO shaft & Split ring Locking Collar. Wt. 43 lbs.
- AC PTOC1000-175** Direct Mount on 1-3/4" 1000 RPM PTO Shaft. 20-Spline Split PTO drive shaft & Split ring Locking Collar. Wt. 45 lbs.

Part No.

High Performance Pumps

- AC PTOC150-6SPQC** Direct Mount on 1-3/8" 600 RPM PTO Shaft. Equipped with Quick Coupler. Wt. 51 lbs.
- AC PTOC150-21SP** Direct Mount on 1-3/8" 1000 RPM PTO Shaft. 21-Spline PTO Shaft & Locking Collar. Wt. 48 lbs.
- AC PTOC150-20SP** Direct Mount on 1-3/4" 1000 RPM PTO Shaft. 20-Spline PTO drive shaft & Locking Collar. Wt. 50 lbs.
- AC PTOC150-600B** 1" Dia. Stub Shaft & integral Mounting Base for 600 RPM Tumblerod Drive Shaft. Wt. 52 lbs.
- AC PTOC150-1000B** 1" Dia. Stub Shaft & Integral Mounting Base for 1000 RPM Tumblerod Drive Shaft. Wt. 45 lbs.

Part No.

Repair Pumps/Kits for Above Pumps

- AC R600** Repair Kit Includes seal, two o-rings, bearings, snap rings, & stinger. For PTO and hydraulic std. & high press. series Ace Pumps.
- AC FMC-MIA** Replacement Pump only, machined for idler arm for PTOC Standard Units. Wt. 18 lbs.
- AC FMC150MIA** Replacement Pump Only, machined for idler arm PTO 150 Series, Wt. 18 lbs.

ACE Pump Parts

Part No.

For Standard Pumps

- AC BAC-28-10** 10-Groove Poly V-Belt For PTOC-600-10 Pump
- AC BAC-28-10M** 10-Groove Poly V-Belt For PTOC-1000-10 Pump
- AC BAC28-10M150** 10-Groove Belt. For PTOC-15-1000 Pump
- AC BAC28-10150** 10-Groove Belt. For PTOC-150-600 Pump
- AC BAC-28-8** *8-Groove Poly V-Belt For PTOC-600 Pump
- AC BAC-7V** Carbon-Ceramic Viton® Seal
- AC BAC-4** Gasket (Not in R600)
- AC BAC-4-150** O-Ring - High Pressure Pumps
- AC BAC-7SC** Silicon-Carbide Viton® Seal (Severe Duty)
- AC BAC-8** "O" Ring for BAC-6SS
- AC BAC-6SS** 5/8" Driven Shaft. Left Hand Thread "SS" Steel.
- AC BAC-37** Sealed Ball Bearing. For BAC-6SS Driven Shaft
- AC BAC-5** Idler Torsion Spring

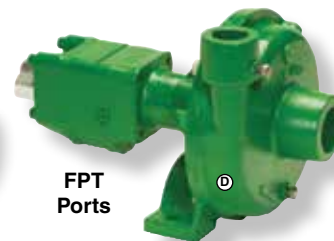
*8-Groove Poly V-Belts were used by ACE prior to their 1972 Models which use the 10-Groove Poly V-Belt.

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Hydraulic Motor Drive Centrifugal Sprayer Pumps



Flanged Ports



FPT Ports

Cast Iron Straight Centrifugal Frame Mounted Pumps are driven by a close coupled hydraulic motor. The hydraulic motors have built in reverse check valves to prevent seal damage due to impeller coasting and reverse rotation. Each motor also has an integral needle valve to by-pass excess hydraulic fluid on open center systems. Valox Impeller; Cast Iron optional. Stainless shafts and wear rings. Standard Viton® mechanical seals.

Note: For severe duty seal (silicon carbide) add suffix "A" to pump number shown.

PUMP NO. & PORT SIZE	MAX. Press. & MAX. GPM	HYD. MOTOR	Can be Used on Hydraulic Systems:
FMC-HYD-202 1-1/4" x 1"	70 GPM 100 PSI @ 4600 RPM	2 GPM	Turf & Golf Course Units with LS Closed and Open Centered Systems rated at 2-11 GPM
FMC-HYD-203	80 GPM	3 GPM	
FMC-HYD-204 1-1/4" x 1" FPT	100 PSI @ 4600 RPM 60 GPM	4 GPM	Pressure Compensating Closed Center (John Deere), or Open Centered Systems rated at 4-13 GPM
FMC-HYD-210 1-1/4" x 1" FPT	100 PSI @ 4600 RPM 60 GPM	10 GPM	Load Sensing Closed Center Systems (Case-IH type) or Open Centered Systems rated at 10-17 GPM
FMC-HYD-310 1-1/4" x 1" FPT	60 PSI @ 3950 RPM 60 GPM	16 GPM	Open Center Systems Rated at 16-24 GPM
FMC150HYD206 1-1/2" x 1-1/4" FPT	120 PSI @ 5100 RPM 120 GPM	7 GPM	Pressure Compensating Closed Center Systems (John Deere type), Load Sensing Closed Center Systems (Case-IH type), and Open Center systems rated 7-16 GPM Equipped with restrictor orifice.
FMC150FHVD206: Inlet: 220 FP Flange / 1-1/2" FPT Outlet: 200 SP Flange / 1-1/4" FPT			
FMC150HYD206A	Same as FMC150HYD206 with Silicon Carbide Seal		
FMC200HYD210 2" x 1-1/2"	80 PSI @ 3950 RPM 180 GPM	10 GPM	Pressure Compensating Closed Center Systems (John Deere type), Load Sensing Closed Center Systems (Case-IH type), and Open Center systems rated 10-17 GPM. Equipped with restrictor Orifice.
FMC200HYD304 2" x 1-1/2" FPT	120 PSI @ 5100 RPM 200 GPM	11 GPM	Pressure Compensating Closed Center Systems, Load Sensing Closed Center
FMC200HYD304S	Same as FMC200HYD304 but Stainless		
FMC200HYD304S			Systems, & Open Center Systems rated at 11-20 GPM. Equipped with restrictor orifice.
FMC200FHVD304:	Inlet: 3" SP Flange. Outlet: 220 FP Flange		

Part No.	Ports	Motor	Wt.
AC FMC-HYD-202	1-1/4" x 1"	202	25 lbs.
AC FMC-HYD-203	1-1/4" x 1"	203	25 lbs.
AC FMC-HYD-204	1-1/4" x 1"	204	26 lbs.
AC FMC-HYD-210	1-1/4" x 1"	210	27 lbs.
AC FMC-HYD-310	1-1/4" x 1"	310	33 lbs.
AC FMC-HYD-LM	** 1-1/4" x 1" Pump Less Motor		
AC FMC150HYD206	1-1/2" x 1-1/4"	206	31 lbs.
AC FMC150HYD206A	† 1-1/2" x 1-1/4"	206	31 lbs.
AC FMC150FHVD206	FPT & Flanged	206	31 lbs.
AC FMC150FHYD	*FPT & Flanged	206	31 lbs.
AC FMC200HYD210	2" x 1-1/2"	210	33 lbs.
AC FMC-150-HYD-LM	1-1/2" x 1-1/4" 150HYD206 Pump Less Motor		
AC FMC200HYD304	2" x 1-1/2"	304	38 lbs.
AC FMC200HYD304S	*2" x 1-1/2" S.S.	304	38 lbs.
AC FMC200FHVD304	3" Flg. x 2" FP Flg.	304	38 lbs.
AC FMC205FHVD304	†3" Flg. x2" FP Flg.	304	38 lbs.
AC BAC75-HYD204	204 Series Hydraulic Motor		
AC BAC75-HYD206	206 Series Hydraulic Motor		
AC BAC75-HYD210	210 Series Hydraulic Motor		
AC 41374	200 Series Hydraulic Motor Repair Kit - New 11/99		
AC 41362	300 Hydraulic Motor Repair Kit		
AC RK-FMC	Repair Kit for FMC Series - Viton® Seal, Washer, O-Ring		
* 316 Stainless Steel. ** Pump Only for FMC-HYD-204, -210, -203, -206.			
† With Silicon Carbide Seal.			