



McFarland – TriTan, LLC
 The “High Pressure” Specialists!

Series MAC P-10

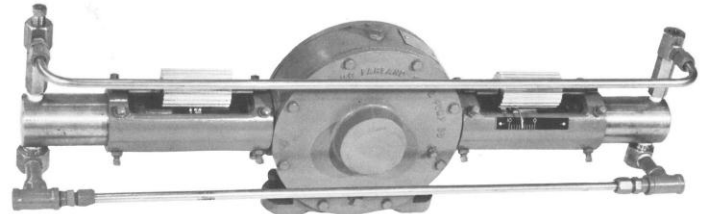
**High Pressure
 Chemical Injection Pump**

API 675 Compliant

Pressure up to 30,000 PSI | Capacity up to 579 GPD

Features

- * Designed for constant, high pressure chemical Injection applications.
- * Available in a variety of fluid end configurations
- * Features independently adjustable fluid ends
- * Manually adjustable while running
- * The fluid ends are powered by a common drive shaft
- * Each fluid end indendently adjustable through stroke adjustment which enables the operator to vary the capacity on each fluid end, from zero to rated maximum.
- * API 675 Compliant
- * Can be Supplied with up to (12) Fluid Ends on One Driver.
- * Shipping cube 4.5 ft.
- * Weight without Base (Simplex pump with Motor) 110 lbs.



High Pressure Chemical Injection Pump

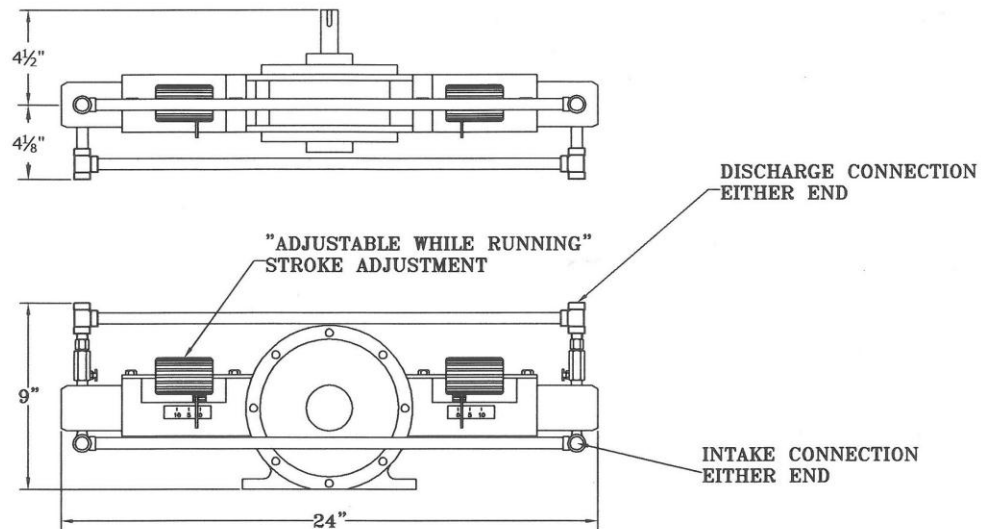
Volume and Pressure Chart

Plunger Size(in)	Number of Heads (***)	* Volume – Gallons			Maximum Discharge Pressure (psi)	Speed Strokes/Min
		Minute	Hour	Day		
3/16"	1	0.018	1.13	27	30,000	**175 (10:1)
	3	0.056	3.39	81	30,000	
1/4"	1	0.033	2.00	48	20,000	
	3	0.099	5.94	142	20,000	
5/16"	1	0.052	3.13	75	13,000	
	3	0.156	9.36	225	13,000	
3/8"	1	0.075	4.52	108	9,000	
	3	0.225	13.50	324	9,000	
1/2"	1	0.134	8.03	193	5,000	
	3	0.402	24.12	579	5,000	

* Volume based on 90% theoretical maximum
 ** Using a 20:1 reducer, volume is half what is shown.
 *** For a pump with two ends, volume is double shown for one end.

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SPECIFICATIONS

- * Max Plunger Size 1/2"
- * Stroke per Minute: 86
- * Stroke Length: 1"
- * Cycles / min. adjustable to: 100 cpm
- * Double Volume with two Fluid Ends
- * Temperature Limit: - 20° to 140 °F

Materials of Construction

- * Fluid End Body – Carbon Steel
- * Plunger – Stainless steel 17- 4 PH
- * Packing – BUNA "N"
- * Power Body – Cast Aluminum.
- * Mani- Folding – Carbon steel, St.St (Optional)
- * Check Valves- Stainless steel
- * Drive System – Stainless Steel / Brass
- * Base Plate – Fabricated Steel

Standard & Optional Equipment

- * Base plate / skid base (Optional)
- * Intake / Discharge Check Valves
- * Complete hydro test or chemical injection packages built to customer requirements (optional) .



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