

ULTIMATE SERIES

PNEUMATIC PROPORTIONING UNIT

Our equipment is engineered for maximum performance.



21st JMT, INC.

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Specifications	
Maximum Output Available	5.19 GPM
Maximum Pressure Available	3348 PSI
Maximum Material Temperature	190°F
Viscosity Range	200-1500 cps
Primary Heater Wattage per Side	4KW
Hose Heating Power	6.0 KW
Maximum Operating Air Pressure	150
Air Cylinder Bore in Inches	6
Air Cylinder Stroke in Inches	6
Dimensions in Inches	H:66 W:24 D:24
Weight in Pounds	475
Electrical Requirements	
230/3/60,8KW	35A
230/1/60,8KW	59A

STROKES PER MINUTE	25	50	75	100
GALLONS PER MINUTE WITH 60 PUMPS	0.77	1.55	2.33	3.11
GALLONS PER MINUTE WITH 80 PUMPS	1.03	2.07	3.11	4.15
GALLONS PER MINUTE WITH 100 PUMPS	1.29	2.59	3.89	5.19

WORKING AIR PRESSURE IN PSI	75	100	125	150
CHEMICAL PRESSURE IN PSI WITH 60 PUMPS	1674	2232	2790	3348
CHEMICAL PRESSURE IN PSI WITH 80 PUMPS	1255	1674	2092	2511
CHEMICAL PRESSURE IN PSI WITH 100 PUMPS	1004	1339	1674	2009
AIR COMPRESSION RATIO	6.10	7.80	9.50	11.20
SCFM AT 25 STROKES PER MINUTE	14.58	18.64	22.71	26.77
SCFM AT 50 STROKES PER MINUTE	29.16	37.29	45.42	53.55
SCFM AT 75 STROKES PER MINUTE	43.75	55.94	68.14	80.33
SCFM AT 100 STROKES PER MINUTE	58.33	74.59	90.84	107.11

With the longest stroke, in the industry, our double acting proportioning pumps have fewer reverses, resulting in a much longer pump life. To insure perfect alignment, the pumps are locked together with a linear rail and runner block; a first in the industry.

Our primary heater, including the heater cores, is made from aluminum. This new technology allows for increased dwell time in the heater, giving superior temperature control.

Our hose heat system incorporates a 6000VA isolation transformer with multiple taps on the secondary side allowing for a wide selection of hose connections.