

# Dosing Pumps & Equipment



The AT Series of Red Dosing Pumps are again microprocessor based solenoid dosing pumps offering a wide range of outputs from 0-1.5 ltrs/hr against 20 bar to 0-60 ltr/hr against 0.5 bar PVDF or PVC heads for dosing of most water treatment reagents.



TAM-2S Mechanical diaphragm dosing pumps for larger output and higher pressure maybe supplied with 230VAC or 400 VAC motor with a selection of head matireals including PVC, PTFE, PP or Stainless steel



TAM2, 4 or 6 Series mechanical diaphragm offer a wide range of output flows and pressurers up to 460 L/Hr and 10 bar pressure maybe supplied with 230VAC single phase or 400 VAC three phase motors .



TAP 15 and TAP 25 Series are piston dosing pumps available with rither PVC or Stainless steel wetted parts. Outputs ranging from 0 – 1.5L/Hr to 0 – 1000 L/Hr with pressurs upto 20 bar stainless steel and 10 bar PVC maybe supplied with 230VAC single phase or 400 VAC three phase motors.



Dosing Pump & Tank sets, any of our red dosing pumps may be supplied as part of a dosing pump and tank set which can include tanks fitted with either geared or high speed mixers and level sensors for high and /or low level alarms.



Instrumentation and control panels we design manufacture control panels at our stafford facility for a wide range of industrial applicatios which include control of dosing pumps by pH, redox, conductivity, residual chlorine, turbidity, flow and many other parameters.

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AWE

# RDP

Red Dosing Pumps.

## TAM Series. Mechanical Metering Pumps



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## Cost Effective Dosing



The TAM 2-4-6 series of mechanical dosing pumps are driven by an electric motor which maybe 400 volt 3 phase or optional 230 volt single phase, motors controlled by invertors are also available.

The dosing pump output is manually adjustable from 0 -100% by the stroke length micrometer adjustment dial located on pump gearbox.

The movement of the diaphragm is based on a precise reciprocating gearbox providing an exact volumetric displacement which achieves a linear capacity at all stroke settings.

The dosing pump wetted parts are available in a wide range of materials to suit the chemical reagent being dosed including polypropylene, PVC, PVDF and 316 Stainless steel.

Automatic proportional control of the dosing pump output is possible by an inverter controlling the speed of the drive motor or by controlling the stroke length with a servo motor which is better for prolonged running at low outputs.

The TAM series of dosing pumps offer cost effective reliable dosing solutions for many industrial process.

## Pump Heads

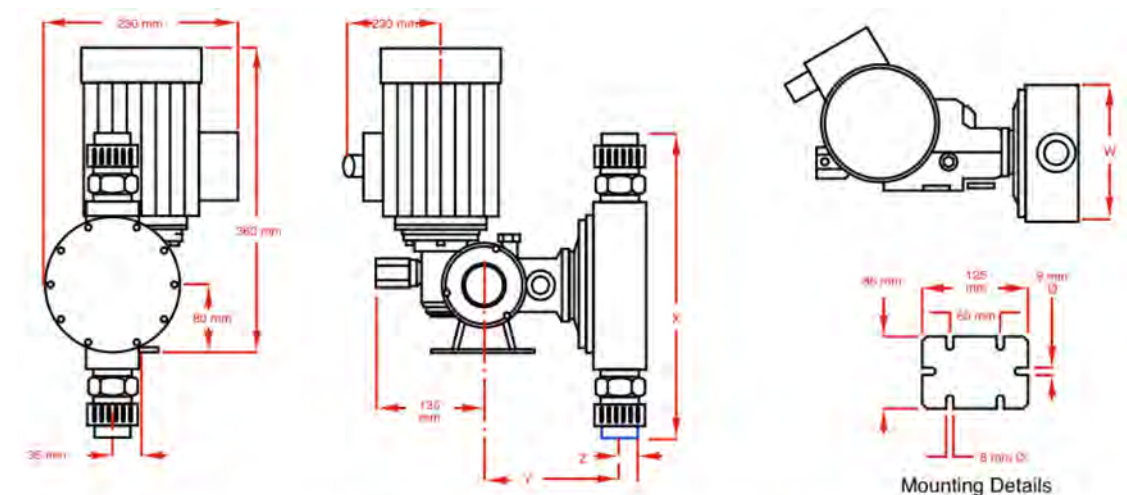
- \* PP
- \* PVC
- \* PVDF
- \* Stainless Steel



## Dosing Pump Outputs

Model Number	Stroke Length mm	Diaphragm Ø mm	Strokes Per Min	Output Litres/Hr.	Pressure Bar	Power kW 400 / 230 v	Connection	Shipping Plastic	Weight Kg S-Steel
TAM 2 65 58	2	65	58	5.5	10	0.18 / 0.25	1/4" BSP	8.5	10.2
TAM 2 65 78	2	65	78	8.0	10	0.18 / 0.25	1/4" BSP	8.5	10.2
TAM 2 65 116	2	65	116	11.0	10	0.18 / 0.25	1/4" BSP	8.5	10.2
TAM 2 94 58	2	94	58	20.0	10	0.25 / 0.37	3/8" BSP	8.4	10.7
TAM 2 94 78	2	94	78	26.0	10	0.25 / 0.37	3/8" BSP	8.4	10.7
TAM 2 94 116	2	94	116	40.0	10	0.25 / 0.37	3/8" BSP	8.4	10.7
TAM 4 94 58	4	108	58	60.0	10	0.37 / 0.55	3/8" BSP	10.1	13.3
TAM 4 94 78	4	108	78	80.0	10	0.37 / 0.55	3/8" BSP	10.1	13.3
TAM 4 94 116	4	108	116	120.0	10	0.37 / 0.55	3/8" BSP	10.1	13.3
TAM 6 138 58	6	138	58	155.0	7.0	0.37 / 0.55	3/4" BSP	12.3	18.4
TAM 6 138 78	6	138	78	310.0	7.0	0.37 / 0.55	3/4" BSP	12.3	18.4
TAM 6 138 116	6	138	116	310.0	7.0	0.37 / 0.55	1" BSP	12.3	18.4
TAM 6 165 58	6	165	58	230.0	5.0	0.37 / 0.55	1" BSP	13.3	22.0
TAM 6 165 78	6	165	78	330.0	5.0	0.37 / 0.55	1" BSP	13.3	22.0
TAM 6 138 116	6	165	116	460.0	5.0	0.37 / 0.55	1" BSP	13.3	22.0

## Dimensions



## Dimensions

		PP				Stainless Steel			
Model No	Diap Ø	X	Y	Z	W	X	Y	Z	W
TAM 2 65	65 mm	157 mm	216 mm	1/4" BSP	80 mm	65 mm	120 mm	1/4" BSP	98 mm
TAM 2 94	94 mm	147 mm	216 mm	3/8" BSP	80 mm	65 mm	120 mm	3/8" BSP	120 mm
TAM 4 108	108 mm	147 mm	225 mm	3/8" BSP	80 mm	65 mm	120 mm	3/8" BSP	140 mm
TAM 6 138	138 mm	347 mm	158 mm	3/8" BSP	160 mm	258 mm	157 mm	3/8"/ 1" BSP	170 mm
TAM 6 165	165 mm	377 mm	160 mm	1" BSP	193 mm	269 mm	157 mm	1" BSP	190 mm

Note sizes of some pumps will vary depending upon the head matireal and output selected.