

Metering System Ultramat® MT for Batch Operation

This manual polymer batching station is worthwhile if you only work with small quantities.



Capacity range 120 – 3,800 l/h

The Ultramat® MT is ideal for individually batching polymer solutions where there is no need for automatic operation. The powdered polymer is added manually through the wetting

cone to the maturing tank and mixed by the stirrer. After the maturing time, the flocculant solution can then be metered into the application.

Your benefits

- Ideal for use where there is no need for continuous operation
- Manual addition of flocculants
- Robust and cost-effective
- Round polypropylene batching tank
- Flushing system with wetting cone and injector
- Gentle mixing of the polymer solution

Field of application

- Potable water treatment
- Waste water treatment (industry and local authorities)
- Sludge de-watering

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Technical Data

The systems consist of:

- 1 PP batching tank
- 1 Flushing system for flushing and wetting the powder with wetting cone, injector and fitting set for the dilution water
- 1 Slow-running electric stirrer
- 1 Level switch with three switching points
- 1 Terminal box

Ultromat® MT

	Order no.
MT 140, stirrer 0.18 kW	1037073
MT 250, stirrer 0.55 kW	1037094
MT 500, stirrer 0.75 kW	1037095
MT 1000, stirrer 1.1 kW	1037096
MT 2000, stirrer 2.2 kW	1037097
MT 3000, stirrer 2.2 kW	1037098
MT 4000, stirrer 3 kW	1037099

Type		MT 140	MT 250	MT 500	MT 1000	MT 2000	MT 3000	MT 4000
Discharge volume	l/h	120	210	440	920	1,890	2,850	3,800
Tank volume	l	120	210	440	920	1,890	2,850	3,800
Diameter of tank	mm	640	650	850	1,260	1,460	1,770	1,650
Height of tank	mm	714	1,116	1,018	1,016	1,518	1,620	2,072
Height	mm	1,003	1,405	1,309	1,320	1,875	1,998	2,496
Water connection DN		20	20	20	25	32	40	40
Discharge nozzle DN		20	20	20	25	32	40	40
Voltage/Frequency	VAC/Hz	400/50	400/50	400/50	400/50	400/50	400/50	400/50
Power uptake	kW	0.18	0.55	0.75	1.10	2.20	2.20	3.00

The systems are also available with flushing water fitting, level indicator and switchgear.