

MDP2 series

Volumetric dosers in a flexible configuration

Benefits:

- A single unit covers a wide production range: the rich selection of screws and gear boxes allows multiple requirements to be met.
- Utmost versatility of use: it is possible to easily transfer the dosing station on other IMMs and start up production immediately.
- Minimised operator interventions cleaning and maintenance operations are simple and require just a few minutes.
- No material wastage. The space-saving design of the central block results into no material wastage at the initial and final phases of the production job.
- Maximum ease of use. The combination of the construction solutions adopted and the user-friendly software ensures maximum ease of use.



The MDP2 can be equipped with one or two dosing stations and manage a total of three ingredients. The microprocessor control allows easy of use and configuration. The number of recipes stored can be up to 99 for quick selection of the blend to be produced. The innovative central block

supporting the dosing stations and allowing the ingredients to flow to the processing machine, either injection moulding machine or extruder, guarantees no residual material sitting for jamming in it and is ideal for quick material or colour changes.

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4.0 R E A D Y

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Single or double-station volumetric dosing units, with a throughput ranging from 0.035 up to 158.5 kg/h. Designed to dose masterbatch, additives and regrind into the plastification screw.



Disclaimer: data in this document may be out of date. Please consult technical data sheet

TECHNICAL DATA

Volume of the central hopper	dm3	2 / 20
Volume of the dosing station hopper	dm3	7 / 12 / 20
Volume of the mixer	dm3	1.5
Power supply	V/Hz	230 / 50
Installed power	kW	<0.2
Max. dimensions (WxLxH)	mm	1192 x 353 x 599
Max. weight with two side stations	kg	48

SCREW OUTPUT KG/H (*)

Screw diameter (mm)	Gear box 24:1	Gear box 38:1
8 x 8	0.06 / 2.21	0.035 / 1.40
10 x 12	0.10 / 3.63	0.06 / 2.30
16 x 8	0.10 / 5.00	0.06 / 3.20
16 x 16	0.20 / 10.60	0.12 / 6.70
20 x 8	0.15 / 6.80	0.10 / 4.30
20 x 16	0.28 / 15.00	0.18 / 9.50
20 x 30	0.42 / 21.70	0.25 / 13.70
25 x 30	1.32 / 54.50	0.85 / 34.50
34 x 30	3.20 / 106.25	2.00 / 67.10
34 x 50	4.15 / 138.20	2.30 / 87.10
39 x 50	4.76 / 158.50	3.00 / 100.00

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