

MDW



GRAVIMETRIC BLENDER

up to 3,000 kg/h

MDW blenders can dose and weigh up to 8 materials.

The microprocessor control assures high execution speed, precision and simple setting of the unit.

MDW blenders are available with Premium Evo, 10" touch screen with all the main information on the blender and easy access to settings and event/alarm. Ethernet port and the USB interface allow the downloading of log file and integration with supervision systems, such as Piovan Winfactory 4.0. This allows consumption recording to optimize stock or production and assists the quality department in tracking and storing all the production data.



Expandable configuration



Quick material change and simplified cleaning operations



Available for flakes and high temperatures



PET Preforms & Bottles



Rigid Packaging



Automotive components



Technical parts



Medical solutions



Thermoforming & Technical Sheets



Flexible Film



Pipes, Profiles, Cables



Fibres & Strapping



Recycling



Compounds

Total number of stations	6 + 2 side stations
Max throughput (kg/h)	Up to 3,000 kg/h (with a three stations)
Dosing device	Slide gate or dosing screw according to throughput
Material to be dosed	Regular pellets, masterbatch, hot and dried material, flakes and regrind (station with dedicated execution may be required)
Installation layout available	On individual stand at floor level or on IMM or extruder throat
WF4.0 integration	Fully integrated (materials and recipes database and batch traceability)
Main optionals	Minimum level sensor for residence hopper, bottom slide gate, acoustic alarm, stand for floor installation with collecting bin or suction box, enlarged residence hopper for flakes, bridge breaker



MDW blenders are flexible also in terms of installation layout: many different supporting frames and collecting bins are available



The setting of all the dosing parameters can be easily done with the local coloured touch panel Premium EVO



The MDW series is available with dedicated execution for hot materials and for regrind or flakes

	Max production* (kg/h)	Batch/mixer capacity (l)	Residence hop- pers volume (l)	Central residence hoppers (l)	Residence hopper for flakes (l)
MDW200	200	2.5 / 14	20, 30	10	-
MDW400	400	3.5 / 16	20, 30	10	70
MDW600	600	5 / 16	20, 40, 45	17	90
MDW800	800	10 / 25	20, 40, 45	17	90
MDW1200	1,200	12 / 60	90, 45, 40	20	130
MDW1800	1,800	20 / 60	90, 45, 20	40	130
MDW2500	2,500	60/98	30/290	-	-
MDW3000	3,000	60/128	500	-	-

*Max production is calculated with a three station configuration and with the following standard recipe: 80% virgin, 18% free-flowing regrind, 2% masterbatch.