

Marse MVDU VS – Volumetric Dosing Unit

Volumetric Dosing Unit | Masterbatch and additive dosing | 0.07–60 kg/h



Masterbatch and additive dosing for injection moulding machines and extruders

The Marse MVDU VS series is a volumetric dosing unit with a brushless motor and stainless steel screw that accurately doses masterbatch or additives into the base material. Microprocessor control, compact design, suitable for both injection moulding machines and extruders.

Technical features

Parameter	MVDU VS1	MVDU VS2	MVDU VS3	MVDU VS4
Dosing range	0,07–2,5 kg/h	0,6–7 kg/h	1,1–15 kg/h	3–60 kg/h
Screw diameter	Ø 10 mm	Ø 18 mm	Ø 18 mm	Ø 28 mm
Motor type	Brushless	Brushless	Brushless	Brushless
Motor power	30 W	30 W	30 W	30 W
Hopper capacity	6 dm ³	6 dm ³	6 dm ³	6 dm ³
Noise level	< 80 dB(A)	< 80 dB(A)	< 80 dB(A)	< 80 dB(A)
Weight	20 kg	20 kg	21 kg	21 kg
Power supply	230V/1f/50Hz	230V/1f/50Hz	230V/1f/50Hz	230V/1f/50Hz
Control	Display / TS	Display / TS	Display / TS	Display / TS
Stainless steel parts	Yes	Yes	Yes	Yes

Options

Name	Description
Screw kit (VS1/2/3/4)	Replacement screw in stainless steel – for VS1, VS2, VS3, VS4 sizes
Stainless steel mixer (Mixer 1/3/10)	Mixer unit for the hopper – up to 60 / 100–200 / 180 kg/h capacity
Acoustic/visual alarm	Signals material shortage
Capacitive level sensor	Level sensor + acoustic/visual alarm
Hopper extension (15 / 25 litres)	Increased hopper capacity for higher dosing demands