

Marse SMA / SMAT – Vacuum Loader

Single & Three Phase Loaders | Stainless steel design | 60–700 kg/h



Product description

The Marse SMA and SMAT series are vacuum loaders that pneumatically convey granulated material from the storage container directly into the hopper of the injection moulding machine or extruder. The stainless steel tank and suction probe are also suitable for abrasive materials. The single-phase SMA models are designed for small and medium-sized machines, while the three-phase SMAT models are built for high-capacity production lines. The electronics are prepared for a proportional valve – for accurate control of material dosing.

SMA – Single-phase models

Model	SMA 2	SMA 6	SMA 10
Tank volume	2 litres	6 litres	10 litres
Power	0,95 kW	0,95 kW	0,95 kW
Capacity	60 kg/h	120 kg/h	150 kg/h
Filter cleaning	Yes	Yes	Yes
Power supply	230V/1f/50Hz	230V/1f/50Hz	230V/1f/50Hz
Weight	10 kg	12 kg	14 kg
Dimensions (mm)	200×515	270×619	270×649

SMAT – Three-phase models

Parameter	SMAT 6	SMAT 10	SMAT 20	SMAT 30
Tank volume	6 litres (2 l)*	10 litres (6 l)*	20 litres (10 l)*	20 litres
Motor power	0,85 kW	1,5 kW	2,2 kW	3 kW
Capacity	150 kg/h	280 kg/h	550 kg/h	700 kg/h
Filter cleaning	Yes	Yes	Yes	Yes
Power supply	400V/3f/50Hz	400V/3f/50Hz	400V/3f/50Hz	400V/3f/50Hz
Weight (loader+support)	12+25 kg	14+30 kg	20+40 kg	20+50 kg
Dimensions 1 (mm)	200×619	270×649	270×799	270×799
Dimensions 2 (mm)	515×533	515×533	515×533	515×533

* For SMAT models the first value is the tank volume, the second is the separator tank volume.

Applications

✓ Pellet conveying from the hopper to the injection moulding machine	✓ High-capacity production lines (SMAT, 700 kg/h)
✓ Continuous material supply for extruders	✓ Conveying of regrind (recycled) material
✓ Conveying of abrasive materials (stainless steel design)	✓ Precise dosing with proportional valves

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