

Semi-Automatic Auger Filler Machines

Model: WPAF Series

Auger Fillers are used for dosing powders or fine granules that are a consistent material, form and shape. They work on a highly accurate system to control the auger speed and rotations. Target weights are achieved by using the right type and size tooling for your dose amount and product type.

Wedderburn provide solutions for both 'free-flowing' and cohesive (non-free-flowing) product with a choice of manually controlled operation through to fully automated packing systems with various sizes and attachment options.

FEATURES

WPAF SERIES

- food-grade stainless steel construction
- manual bench top auger fillers for smaller volumes
- tooling options for 'free-flowing' and cohesive (non-free-flowing) product
- highly polished auger and hopper for easy cleaning
- smart and intuitive operation control
- low product alarm
- 14L, 25L, 50L and larger options available
- 99 programmable records
- simple one touch weight adjustment
- high accuracy servo motor
- tuning fork or mechanical product sensor



WPAF14L



WPAF50L

Specifications may change without notice



SPECIFICATIONS

	WPAF14L	WPAF25L	WPAF50L
Hopper Volume	14 L	25 L	50 L
Dosing Range (estimated)	≤200 g	≤1000 g	≤2000 g
Packing Speed	≤20 - 30 bags / min	≤25 - 35 bags / min	≤25 - 35 bags / min
Total Power	230 V @ 0.87 kW	230 V @ 1.25 kW	230 V @ 2.05 kW
Metering Accuracy (±)	0.5 - 3% (Varies according to packing weight, speed and product features)	0.5 - 2% (Varies according to packing weight, speed and product features)	0.5 - 2% (Varies according to packing weight, speed and product features)

METERING AUGER SPECIFICATIONS

Model	D (mm)	Dosing Range	WPAF14L	WPAF25L	WPAF50L
1 #	13	0.1 - 1 g	✓		
2 #	16	1 - 3 g	✓		
3 #	19	3 - 7 g	✓		
4 #	22	5 - 15 g	✓		
5 #	25	10 - 30 g	✓	✓	✓
6 #	32	15 - 60 g	✓	✓	✓
7 #	38	40 - 200 g	✓*	✓	✓
8 #	45	100 - 300 g		✓	✓
9 #	51	200 - 500 g		✓	✓
10 #	57	300 - 700 g		✓*	✓
11 #	64	400 - 1200 g			✓
12 #	70	500 - 1500 g			✓
13 #	76	800 - 2000 g			✓
14 #	89	1500 g +			✓*

* Maximum weight depending on product density and flow

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TOOLING OPTIONS

Additional tooling options are available to complete your turnkey powder filling system. The right tooling will be determined by your processing needs and product characteristics.



METERING AUGER

Different sizes and styles to suit your dose and material



GRID

Helps create back pressure to keep accuracy.



SPINNER

Required for free-flow or dense products



CLOSURE

To stop product falling when stopped. Normally used with packing machines.



AGITATOR

Used to stop product from 'caking' and to stop tunneling inside hopper.



PRESSURE PLATE

Used for fluffy products that need help to flow



STAR FLAT

Used inside spinner to help disperse product that is hard to move.



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