



TPE AUGER FILLERS

High Efficiency • Zero Leakage • High Uniformity

TOTAL PACKAGING EQUIPMENT

www.totalpackagingequipment.com.au

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PROCESS, PACKAGING & PUMPING EQUIPMENT

TPE AUGER FILLER

TPE-AFS Series

This type of machine can perform a dosing and filling process. With regards to the special professional design, it is more suitable on the fluidic or low- fluidity materials such as coffee powder, wheat flour, condiment, solid drink, veterinary drugs, dextrose, pharmaceuticals, powder additive, talcum powder etc



SEMI-AUTOMATIC

Model	TPE-AFS-A11		TPE-AFS-A14	
Control System	PLC & Touch Screen		PLC & Touch Screen	
Hopper	25L		50L	
Packing Weight	1-500g		10-5000g	
Weight Dosing	By auger	By load cell	By auger	By load cell
Weight Feedback	By off-line scale (in picture)	Online weight feedback	By off-line scale (in picture)	Online weight feedback
Packing Accuracy	≤100g,≤±2%; 100-500g,≤±1%		≤100g,≤±2%;100-500g, ≤±1%;≥500g,≤±0.5%	
Filling Speed	1-20 times per min		1-20 times per min	
Power Supply	3P AC208-415V 50Hz		3P AC208-415V 50Hz	
Total Power	0.93 KW		1.4 KW	
Total Weight	160kg		260kg	
Overall Dimensions	800×790×1900mm		1140×970×2200mm	

AUTOMATIC

Model	TPE-AFS-A21	TPE-AFS-A22
Control System	PLC & Touch Screen	PLC & Touch Screen
Hopper	25L	50L
Packing Weight	1-500g	10-5000g
Weight Dosing	By auger	By auger
Packing Accuracy	≤100g,≤±2%; 100-500g,≤±1%	≤100g,≤±2%;100-500g, ≤±1%;≥500g,≤±0.5%
Filling Speed	1-20 times per min	1-20 times per min
Power Supply	3P AC208-415V 50Hz	3P AC208-415V 50Hz
Total Power	1.2KW	1.6 KW
Total Weight	160kg	300kg
Overall Dimensions	1500×760×1850mm	2000×970×2300mm

CONFIGURATION LIST



No.	Name	Pro.	Brand
1	PLC	Taiwan	DELTA
2	Touch screen	Taiwan	DELTA
3	Servo motor	Taiwan	DELTA
4	Servo driver	Taiwan	DELTA
5	Switching powder supply		Schneider
6	Emergency switch		Schneider
7	Contactor		Schneider
8	Relay		omron
9	Proximity switch	Korea	Autonics
10	Level sensor	Korea	Autonics

CUP SIZE AND FILLING RANGE

AUGER SCREW AND TUBE

In order to make sure filling accuracy, one size screw is suitable for one weight range, for example, dia. 38mm screw is suitable for filling 100g-250g.



Cup Size and Filling Range				
Order	Cup	Inner Diameter	Outer Diameter	Filling Range
1	8#	8	12	
2	13#	13	17	
3	19#	19	23	5-20g
4	24#	24	28	10-40g
5	28#	28	32	25-70g
6	34#	34	38	50-120g
7	38#	38	42	100-250g
8	41#	41	45	230-350g
9	47#	47	51	330-550g
10	53#	53	57	500-800g
11	59#	59	65	700-1100g
12	64#	64	70	1000-1500g
13	70#	70	76	1500-2500g
14	77#	77	83	2500-3500g
15	83#	83	89	3500-5000g

SEMI-AUTOMATIC & AUTOMATIC

1. HOPPER

Level split hopper

It is very easy to open hopper and it is also easy for cleaning.



5. LEVEL SENOR (AUTONICS)

it gives signal to loader when material lever is low, it does feeding automatically.



2. THE WAY TO FIX AUGER SCREW

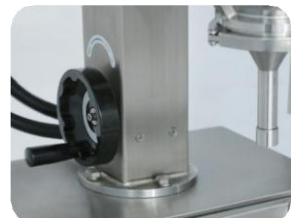
Screw type

The material will not be stock and easy for cleaning.



6. HAND WHEEL

It is used to adjust the filler height to accommodate containers of different dimensions.



3. PROCESSING

Fully welded materials, even Hopper's sides and it's easy to clean.



7. LEAKPROOF ACENTRIC DEVICE

It is suitable for filling products with very good fluidity, such as, salt, white sugar etc.



4. AIR OUTLET

Stainless steel type

It's easy to clean and presentable.



8. CONVERYOR

For automatic moving bottles.



SEMI-AUTOMATIC PACKING LINE

ribbon mixer + screw feeder + auger filler



ribbon mixer + screw conveyor + storage hopper
+ screw conveyor + auger filler+sealing machine



AUTOMATIC PACKING LINE