

A large, industrial-scale auger filler machine is shown in a factory setting. The machine consists of several large, green, cylindrical hoppers connected by a network of stainless steel pipes and auger systems. A control panel with a touchscreen display is visible in the foreground. The background shows other industrial equipment and shelving. The entire image is framed by a white diagonal band with blue and orange diagonal stripes.

# TPE AUGER FILLERS

High Efficiency • Zero Leakage • High Uniformity

**TOTAL PACKAGING EQUIPMENT**

[www.totalpackagingequipment.com.au](http://www.totalpackagingequipment.com.au)

Paul 0412 294128 [Paul.tpe@bigpond.com](mailto:Paul.tpe@bigpond.com) John 0417 467811 [john.tpe@bigpond.com](mailto:john.tpe@bigpond.com)  
Address: unit 6 / 37 Mortimer Road Acacia Ridge Qld 4110. PO Box 282 Archerfield Qld 4108

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

# AUTOMATIC

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



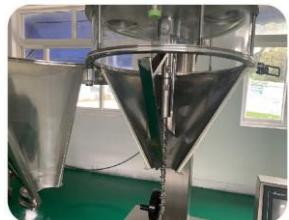
Order	Cup	Cup Size and Filling Range		
		Inner Diameter	Outer Diameter	Filling Range
1	8#	8	12	
2	13#	13	17	
3	19#	19	23	5-20g
4	24#	24	28	10-40g
5	28#	28	32	25-70g
6	34#	34	38	50-120g
7	38#	38	42	100-250g
8	41#	41	45	230-350g
9	47#	47	51	330-550g
10	53#	53	57	500-800g
11	59#	59	65	700-1100g
12	64#	64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



## 2. THE WAY TO FIX AUGER SCREW

### Screw type

The material will not be stuck and easy for cleaning.



## 3. PROCESSING

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



## 4. AIR OUTLET

### Stainless steel type

It's easy to clean and presentable.



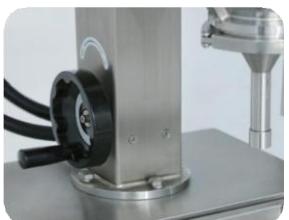
## 5. LEVEL SENOR (AUTONICS)

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



## 6. HAND WHEEL

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



## 7. LEAKPROOF ACENTRIC DEVICE

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



## 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



