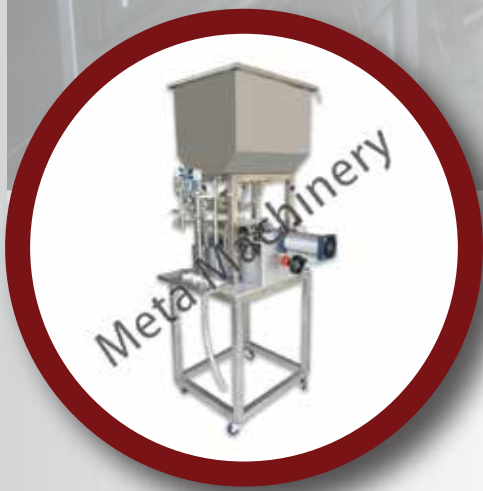


**META MACHINERY SDN.BHD.**

**YOUR BEST  
CHOICE  
FOR PACKAGING  
AND FILLING MACHINE**



**We have established more than 100 types of standard and custom-made machineries.**

# 1

## Liquid Process Machine

### Liquid Mixing Tank

Double Jacketed Homo Mixing Tank .....	01
Storage Tank - Cover Type Or Sealed Type .....	02
Tank Welding & Details .....	03

### Semi Auto Piston Filling Machine

Semi Auto Liquid Filling Machine ( Table top ) .....	04
Semi Auto Piston Filling Machine Portable .....	05

# 2

## Powder Filling Machine

### Powder Mixing Machine & Screw Conveyor

Double Cone Mixer .....	06
Ribbon Mixer .....	07

### Semi Auto Auger Filling Machine

Semi Auto Auger Powder Filling Machine .....	08
Powder Screw Conveyor .....	09



# Company Profile



Meta Machinery Sdn Bhd is a machine designer and manufacturer that based in Malaysia. With more than ten years of experience in this field, we wish to provide the best solution to our customer in Malaysia instead of waiting for assistance from other countries. Therefore, we provide a free consultation for our customers on their production line.

On the other hand, we also able to work on welding work, electrical panel, as well as PLC program. Our main product includes powder filling machine, powder mixing machine, liquid processing machine, liquid filling machine, capping machine and also packaging machine.

Besides that, we also able to customize machine base on customer's requirements. Therefore, don't hesitate to contact us for more information. Thank you



**Factory Outlook**



**Front Part**



**Office**

## Meta - 001 Double Jacketed Homo Mixing Tank

The double jacketed homo mixing tank is consisting of multi-function in order to help produce the most quality product. Mixing and disperse viscously, solid and liquid etc. various kind of raw material will be dissolve. Stable movement which reduce babble occur under low temperature and high viscosity condition less air bubble will be formed.



To produce liquid washing products, like shampoo, liquid soap, bath shower, dish washing, hand washing, lubricating oil, etc finished products can be discharged by valve or match a pump.

Accessories such as inlet/outlet hole connection, tank level sensor, drain hole, clamp type flange, timer setup, CIP system and etc can be modify to meet your requirement. Tank material s/s 304 or 316.



Model	Volume	Mixing Power (KW)	Mixing Speed (RPM)	Homogenizer Power (KW)	Homogenizer Speed (RPM)
Meta-001/200	200L	1.5	0-63	4	2890
Meta-001/300	300L	2.2	0-63	4	2890
Meta-001/500	500L	3	0-63	5.5	2900
Meta-001/1000	1000L	4	0-63	7.5	2900
Meta-001/2000	2000L	5.5	0-63	11	2930
Meta-001/3000	3000L	7.5	0-63	18	2930
Meta-001/5000L	5000L	11	0-63	22	2940



## Meta - 002

### Storage tank – Cover type or sealed type

Accessories such as inlet/outlet hole connection, tank level sensor, drain hole, clamp type flange, timer setup, CIP system and etc can be modify to meet your requirement. Tank material s/s 304 or 316.



Model	Volume	Sealed / Cover
Meta-002/200	200L	Both available
Meta-002/300	300L	Both available
Meta-002/500	500L	Both available
Meta-002/1000	1000L	Both available
Meta-002/2000	2000L	Both available
Meta-002/3000	3000L	Both available
Meta-002/5000L	5000L	Both available

## Tank Welding & Details

All the welding is done by our welding technician. Beside, meta machinery also provide modification and service on side when necessary.

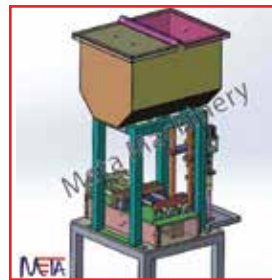
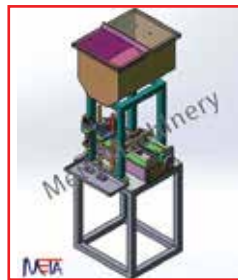
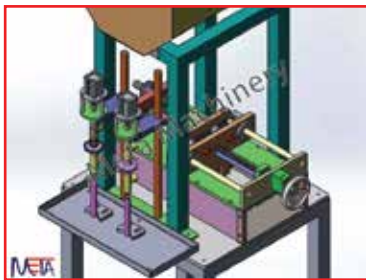


## Meta - 003 Semi Auto Liquid Filling Machine ( Table top )



Model No.	Meta-003/A	Meta-003/B	Meta-003/C	Meta-003/D
Air Source	0.4 – 0.6 MPA	0.4 – 0.6 MPA	0.4 – 0.6 MPA	0.4 – 0.6 MPA
Filling Volume	5 – 30 ml	10 – 125 ml	20 – 300ml	100 -1000ml
Filling Speed	≤ 30 Bottle/min	≤ 30 Bottle/min	≤ 20 Bottle/min	≤ 20 Bottle/min
Filling Head Quality	1 head	1 head	1 head	1 head
Filling Precision	± 0.5 %	± 0.5 %	± 0.5 %	± 0.5 %
Material	Stainless Steel 304	Stainless Steel 304	Stainless Steel 304	Stainless Steel 304
Weight	14kg	16kg	18kg	22kg
Dimension	H700mm x L1000mm x W500mm	H700mm x L1000mm x W500mm	H700mm x L1000mm x W500mm	H700mm x L1000mm x W500mm
Package	PE. Wrap	PE. Wrap	PE. Wrap	PE. Wrap

## Meta - 004 Semi Auto Piston Filling Machine Portable



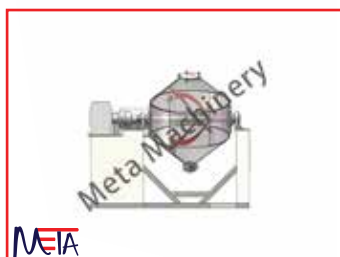
Model No.	Meta-004/A	Meta-004/B	Meta-004/C	Meta-004/D
Air Source	0.4 – 0.6 MPA	0.4 – 0.6 MPA	0.4 – 0.6 MPA	0.4 – 0.6 MPA
Filling Volume	5 – 30 ml	10 – 125 ml	20 – 300ml	100 -1000ml
Filling Speed	≤ 30 Bottle/min	≤ 30 Bottle/min	≤ 20 Bottle/min	≤ 20 Bottle/min
Filling Head Quality	2 head	2 head	2 head	2 head
Filling Precision	± 0.5 %	± 0.5 %	± 0.5 %	± 0.5 %
Material	Stainless Steel 304	Stainless Steel 304	Stainless Steel 304	Stainless Steel 304
Weight	14kg	16kg	18kg	22kg
Dimension	H 1800mm x length 1000mm x W800mm	H 1800mm x length 1000mm x W800mm	H 1800mm x length 1000mm x W800mm	H 1800mm x length 1000mm x W800mm
Package	PE. Wrap	PE. Wrap	PE. Wrap	PE. Wrap





## Meta - 005 Double Cone Mixer

1. Mixing material by rotating hopper, good mixing effect in short time
2. Stainless steel material, meet GMP standard, durable and strong
3. Simple structure, polished surface, easy to maintain and clean
4. Air tight on discharging and feeding hole
5. Adjustable rotating speed, digital display
6. Customized design to meet special need
  - a) Deflector inside to make better mixing effect
  - b) Safety guardrail on side



### Technical Parameters :

Model	Meta-005/200	Meta-005/300	Meta-005/500	Meta-005/1000	Meta-005/1500	Meta-005/2000
Total Volume	200L	300L	500L	1000L	1500L	2000L
Rotate Speed (rpm)	12	12	12	12	12	12
Mixing Time (min)	4-8	6-10	10-15	10-15	15-20	15-20
Length (mm)	1400	1700	1900	2700	2900	3100
Width (mm)	800	800	800	1500	1500	1900
Height (mm)	1850	1850	1940	2370	2500	3500
Weight (kg)	280	310	550	810	980	1500
Total Power (kw)	1.5	2.2	3	4	5.5	7.5
Power Supply	3P, 415V, 50HZ					



## Meta - 006 Ribbon Mixer

Working Principle :

WLDH series mixer is mainly comprised of mixing barrel , spiral ribbon and driven parts. The spiral ribbon is made of two layers. That is, the inner ribbon makes the material move outwards, while the external ribbon makes the material move inwards which forms a good circulation of material. Ribbon moves so circumferentially that the mixer could achieve fine mixing efficiency in a very short time.



Technical Parameters :

Model	Barrel Volume (L)	Loading Volume (L)	Mixing Time (min)	Stir Motor (kw)	Weight (kg)
Meta-006/100	100	30-60	8 - 20	1.5 - 4	320
Meta-006/300	300	100-180	8 - 20	3 - 5.5	510
Meta-006/500	500	200-300	8 - 20	4 - 11	920
Meta-006/1000	1000	400-600	8 - 20	7.5 - 15	1450
Meta-006/1500	1500	600-900	8 - 20	11 - 18.5	1950
Meta-006/2000	2000	800-1200	8 - 20	18.5 - 30	3160
Meta-006/3000	3000	1200-1800	8 - 20	18.5 - 30	3300
Meta-006/4000	4000	1600-2400	8 - 20	22 - 37	3620



## Meta - 007 Semi Auto Auger Powder Filling Machine

This machine is designed for powder product weighing filling. It is mainly for milk powder, flour, coconut powder, powder additives, pepper powder, etc. Its suitable container: pre-made bags, tins, cans, and bottles, etc.



Flour



Vitamin C



Textile Auxiliaries



Curcumin



Protein Powder



Grain Powder

### Specifications

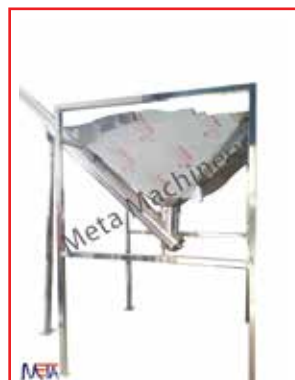
Technical Parameters	Model	Meta-007
	Hopper	50L
	Packing weight	10-5000g
	Packing accurate	±1-10g
	Filling speed	40 bottles/minute
	Power supply	3P 415V 50Hz
	Total power	1.4KW
	Total weight	260kg
	Overall dimensions	Approx. 1200*1000*2200mm
Advantages	<ol style="list-style-type: none"> <li>1. Full stainless steel contact surface, combined transparent hopper, can be easily cleaned without any tool.</li> <li>2. Servo motor and servo drive controls the auger.</li> <li>3. Designs of tracking type weighing feedback proportion, overcome the packing weight changes due to different bulk specific weight material.</li> <li>4. The parameters of different product can be set using the load cell function.</li> </ol>	
Optional	Screw conveyor. (100L, 200L, 500L)	



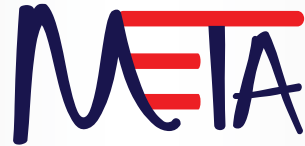
## Meta - 008 Powder Screw Conveyor

This machine can convey many different materials, like dry powder, such as coffee, wheat flour, condiment and it also fits for some small batches. Combining with the packaging machine of our company, it will be a whole set automation line to help increase efficiency in your company. It can also be used separately. The whole machine is made of stainless steel of 304.

The vibrating screw feeding machine equips with double motors: feeding motor and vibrating motor, each of them has its own switch control.



Main specification	Meta-008/A	Meta-008/B	Meta-008/C	Meta-008/D	Meta-008/E	Meta-008/F
Charging capacity	2m <sup>3</sup> /h	3m <sup>3</sup> /h	5m <sup>3</sup> /h	7m <sup>3</sup> /h	8m <sup>3</sup> /h	12m <sup>3</sup> /h
Diameter of pipe (Approx.)	Φ102	Φ114	Φ141	Φ159	Φ168	Φ219
Hopper volume	100L	200L	200L	200L	200L	200L
Power supply	3P AC240-415V 50-Hz					
Total power	610W	810W	1560W	2260W	3060W	4060W
Total weight	100kg	130kg	170kg	200kg	220kg	270kg
Overall dimensions of hopper	750*650*800mm		1050*800*900mm			
Charging height	Standard 1.85m, 1-5m could be designed and manufactured					



**Malaysia**

**META MACHINERY SDN.BHD.** (1204802-k)

No. 83, Jalan 8/149D, Bandar Baru Sri Peteling,  
57000 Kuala Lumpur.

Email – [metamachinery17@gmail.com](mailto:metamachinery17@gmail.com)



**CONSULT OUR ENGINEER**

018-2689300 Ben

[www.metamachinery.com](http://www.metamachinery.com)