

Vacuum Tumblers

Vacuum Tumblers are designed to improve the appearance of meat and assure consistent high quality products.

- Productivity gains
- # 4 Polished Finish Standard
- Complete stainless steel construction
- Precision designed drum with unique spiral tumbler blades
- 10 Year Warrantee on tumbler drum
- Microprocessor control system
- Three check opening holes
- Brine induction valve
- Pulsating vacuum



MA-500 PS

Vacuum Tumblers with Cooling System

A separate cooling device can be placed inside or outside of the plant or can be connected to the existing plant cooling system.

- Insulated double cooling jacket
- Up to 30% reduction in massaging time
- Maintains massaging temperature at a required level
- Optimum protein binding



MA-7200 PSCH

MA-G-5400 PSCH

Vacuum Tumblers with Heating and Cooling System

MA-G Tumblers are designed to process food without re-loading raw material. It is optimized for the following processes:

- Defrosting and cooking systems
- Defrosting of meat blocks
- Steaming
- Pickling, salting
- Massaging at a controlled temperature (PSCH version)

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www.blentechprocesssystems.com • www.blentech.com

Vacuum Tumblers

Specifications

Features	500	1000	1500	2000	3600	5400	7200	10000
Drum capacity (ft ³ / dm ³)	17 / 500	35 / 1000	53 / 1500	70 / 2000	127 / 3600	190 / 5400	250 / 7200	353 / 10000
Maximum Load (lbs / kg)	551 / 250	1102 / 500	1653 / 750	2204 / 1000	3968 / 1800	5953 / 2700	7937 / 3600	11023 / 5000
Drum Speed (rpm)	0 - 14	0 - 12	0 - 8	0 - 8	0 - 7	0 - 6	0 - 5	0 - 5
Obtainable Vacuum	95%	95%	95%	95%	95%	95%	95%	95%
MA-PS								
Supply Voltage & Frequency at 60 Hz	3 ph / 480v	3 ph / 480v	3 ph / 480v	3 ph / 480v	3 ph / 480v	3 ph / 480v	3 ph / 480v	3 ph / 480v
Installed Power (hp)	3 - 5	3 - 5	3 - 5	5 - 7.5	7.5 - 10	7.5 - 10	10 - 15	10 - 15
Length (in / mm)	79 / 2000	98 / 2500	108 / 2750	124 / 3150	148 / 3750	161 / 4100	161 / 4100	197 / 5000
Width (in / mm)	48 / 1210	53 / 1340	49 / 1240	53 / 1340	71 / 1800	77 / 1960	85 / 2170	85 / 2170
Height (in / mm)	59 / 1500	62 / 1570	66 / 1680	68 / 1720	78 / 1970	89 / 2250	98 / 2480	98 / 2480
Weight (lbs / kg)	992 / 450	1323 / 600	2315 / 1050	2425 / 1100	3748 / 1700	6393 / 2900	7055 / 3200	7937 / 3600
MA-PSCH and MA-G-PSCH								Only available In MA-PSCH
Supply Voltage & Frequency at 60 Hz	3 ph / 480v	3 ph / 480v	3 ph / 480v	3 ph / 480v	3 ph / 480v	3 ph / 480v	3 ph / 480v	3 ph / 480v
Installed Power (hp)	3 - 5	3 - 5	5 - 7.5	5 - 7.5	7.5 - 10	10 - 15	10 - 15	15 - 20
Cooling Unit	ZCh -1	ZCh -2	ZCh -2	ZCh -2	ZCh -3	ZCh -3	ZCh -4	ZCh -4
Length (in / mm)	78 / 2000	98 / 2500	108 / 2750	124 / 3150	148 / 3750	161 / 4100	161 / 4100	197 / 5000
Width (in / mm)	49 / 1250	54 / 1370	55 / 1400	55 / 1400	53 / 1800	77 / 1960	85 / 2170	85 / 2170
Height (in / mm)	60 / 1530	63 / 1600	69 / 1750	69 / 1750	81 / 2050	90 / 2280	98 / 2480	98 / 2480
Weight (lbs / kg)	1378 / 625	1698 / 770	2756 / 1250	3087 / 1400	4409 / 2000	7496 / 3400	8378 / 3800	9480 / 4300

*Possibility of using other voltage and frequency

Note: 10000 Model only available in MA-PSCH

Cooling Systems

Features	ZCh-1	ZCh-2	ZCh-3	ZCh-4
Installed Power (hp)	2 - 3	3 - 5	7.5 - 10	10 - 15
Refrigeration Capacity				
Ambient 80°F, Evaporation Temp. 32°F (hp)	5 - 7.5	7.5 - 10	20 - 25	30 - 35
Ambient 80°F, Evaporation Temp. 5°F (hp)	3 - 5	5 - 7.5	10 - 15	15 - 20
Working Medium	Freon R507	Freon R507	Freon R507	Freon R507
Supply Voltage & Frequency at 60 Hz	3 ph / 480v	3 ph / 480v	3 ph / 480v	3 ph / 480v
Length (in / mm)	37 / 940	41 / 1050	49 / 1240	59 / 1500
Width (in / mm)	24 / 620	28 / 720	32 / 810	39 / 1000
Height (in / mm)	28 / 710 32 / 800**	30 / 760 32 / 800**	35 / 880 51 / 1300**	39 / 1000 55 / 1400**
Weight (lbs / kg)	221 / 100	287 / 130	375 / 170	463 / 210

*Possibility of using other voltage and frequency

**Version of tumbler with loading and cooling system

Tumblers & Massagers are manufactured by Metalbud-Nowicki and sold in North America by Blentech Corporation.

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