



COMPANY CATALOG



BAMA2-BIS Sp. z o.o.



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About us in short.

The company was established in 2002. In the first period of its business, we focused mainly on selling and servicing machines of other manufacturers. After few years, we started to produce the machines that are used in meat, fish and baking industry. Currently, we are among the leading plants with a similar profile in the country. We have expanded our business to the East-European markets.

Our products are of high quality while sold at low prices.

Our machines operate in every region of Poland!

You are able to see the machines operating in various processing plants.

Besides of what is presented in our folder, we manufacture: complete roller conveyor lines, all-in fish can conveyor lines, belt conveyors, counters, switches and driveways.

We are also engaged with designing meat and fish processing plants, slaughter lines of pigs, poultry or cattle.

We invite you to work with us

SMOKE-STEAM CHAMBER

Steam-smoke chamber is used for thermal processing of sausages, meat, poultry, fish and cheese.

Basic processes are:

- ▶ drying;
- ▶ smoking;
- ▶ steaming;
- ▶ baking;
- ▶ cooling.

Range of temperature up to 165°C.

Made in full from acid-resistant steel.

The device is fitted with a microprocessor controller with process recording.

We produce chambers in 4 feed versions and in various amounts of smoking trolleys.



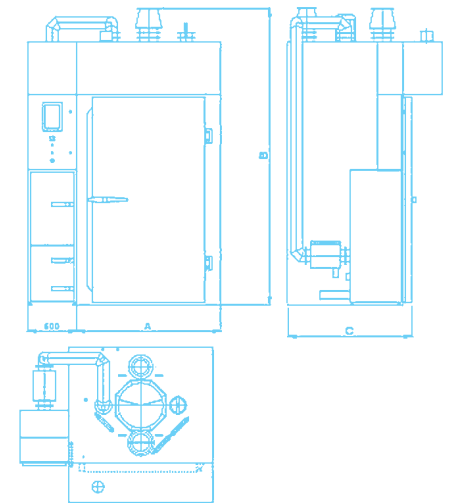
Link to video:
Chamber KW120

<https://youtu.be/g6iPIC5fyxk>



Link to video:
Chamber KW150

<https://youtu.be/rQ-wA19ERlc>



Technical data:

| Chamber type | | KW 150 | KW 300 | KW 450 | KW 600 | KW 900 |
|-----------------|-----|--------|--------|--------|--------|--------|
| No. of trolleys | pcs | 1 | 2 | 3 | 4 | 6 |
| Heating power | KW | 25 | 35 | 70 | 90 | 110 |
| Width | mm | 1500 | 1500 | 1500 | 1500 | 1500 |
| Height | mm | 3020 | 3020 | 3020 | 3020 | 3020 |
| Length | mm | 1260 | 2365 | 3475 | 2365 | 3475 |
| Weight | kg | 900 | 1200 | 1500 | 2200 | 2700 |

MINI CHAMBER

The smoke-steam chamber with a smaller mass of feedstock is used by ready-to-cook companies, shops or persons that operate the sausage thermal processing locations.

We manufacture mini-chambers with a feedstock mass of 40 to 100 kilograms.

Feeding depends on the supply within the site.

EQUIPMENT OF TRADITIONAL SMOKING CHAMBERS

Our traditional smoking chambers are fitted with acidresistance steel components such as:

- ▶ front door;
- ▶ furnace door;
- ▶ ceiling, ramps;
- ▶ hood;
- ▶ smoke trolley with mesh.

Basic advantages of development:

- ▶ easy to maintain cleanliness;
- ▶ lower firewood consumption.

We install chambers on client's site.



Link to video:
Traditional smoking chamber

https://youtu.be/5jslvCI_WQA

STEAM BOILER

Steam boiler is used for steaming meat, sausages, sausage and fruit and vegetable products.

Boilers are made of acid-resistant steel with thermal insulation with tightly attached cover.

Microprocessor control with measuring of water heating jacket (grease) and product core temperature.



Link to video:
Steam boiler 400-500 l

<https://youtu.be/At2cZ3Cj7hI>

VACUUM TUMBLER

Vacuum tumbler is used in food processing plants. It is used to plasticize muscles in production of high-quality smoked sausages.

We offer tumblers with capacity of 200 to 3,000 l.

Tumblers are made of drive, belt, worm drive, tumbler container, basis and cover.

Power supply 3×400 V/50 Hz, device is controlled by controller MIKSTER MCM – 21.



Technical data:

| Type | | 300 | 500 | 1000 | 1600 | 2000 | 3000 |
|---------------------|---------|---------------|---------------|----------------|----------------|----------------|----------------|
| Container capacity | l | 300 | 500 | 1000 | 1600 | 1200 | 1750 |
| Feedstock mass | kg | 175 | 325 | 750 | 1200 | 1500 | 2250 |
| Vacuum | % | 95 | 95 | 95 | 95 | 95 | 95 |
| External dimensions | mm | 1850×750×1500 | 2200×900×1500 | 2500×1050×1500 | 2850×1250×1700 | 2950×1250×1750 | 3200×1300×1850 |
| Torque control | obr/min | 1-6 | 1-6 | 1-6 | 1-6 | 1-6 | 1-6 |
| Mass | kg | | 300 | 420 | 600 | 680 | 800 |



Link to video:
Vacuum tumbler MPM 500 l

<https://youtu.be/rpBs8Hu9WAU>



HYDRAULIC STUFFER

Hydraulic stuffers. Made in whole of stainless steel 18-10 including a piston and cover.

Automatic decompression upon lever opening. High flexibility in controlling piston rate. Fast piston return for refilling. Factory machine installed on wheels. Closed hydraulic circulation with a container. Sanded stainless steel finishing.

Complies with CE standards.



Technical data:

| | | | | |
|--------|----------------------------|------------------|--------------------|-----------------------------------|
| PH 13 | | | | |
| PHX 15 | | | | |
| PHX 20 | 3 inox hoppers 14-20-30 | 3-phase 400 V | 100% inox 18-10 | Control system voltage 24 V |
| PHX 26 | | | | |
| PHX 31 | | | | |
| PHX 42 | | | | |
| PHX 52 | | | | |
| PHX 60 | | | | |

TRANSPORT TROLLEYS

Transport trolleys are used for internal and inter-plant transport.

The whole is made of stainless and acid-resistant sheet.

We manufacture trolleys at custom orders.

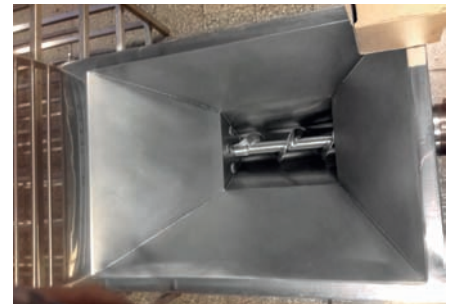


MEAT GRINDERS

Grinders are used to crush the fresh or cooked meat and cheese, fish, etc.

Variety of throats makes that the machines can be used both in small and large food processing plants.

We offer grinders with 82 or 130 mm throats. Both types of grinders are fitted with a hopper.



Link to video:
Meat grinder 105 mm
<https://youtu.be/iQjeyGn1d-g>

STUFF MIXERS

Mixer is a machine used for mixing of various stuff, salads or other components.

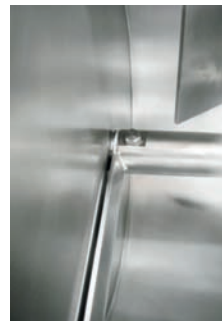
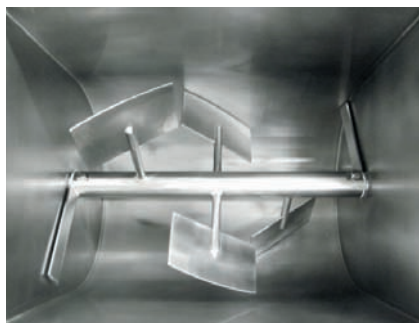
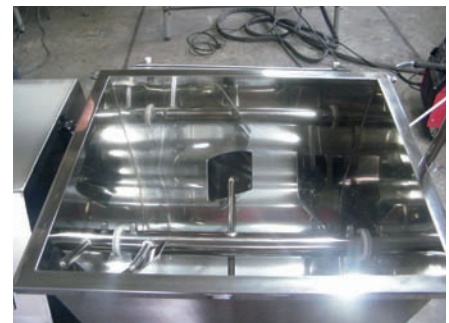
Mixers are made with blade or spiral agitator. Machines with capacity up to 200 l are made as single-shafted and above this capacity as two-shafted. Vacuum mixers and mixers with integrated load can be manufactured at request.



Link to video:
Stuff mixer 150 l
https://youtu.be/i93R8D_ihlc



Link to video:
Stuff mixer 300 l
<https://youtu.be/vXBE3LyoPUw>



TUNNEL CONTAINER WASHER

The machine is used for automatic rinsing and washing of containers.

The device consists of the washing and rinsing section.

The main washing is done with 40 nozzles with a controllable water stream direction. The water in washing section is within closed circulation and constantly filtered through a sieve with an area of 1 m².

Rinsing is done in the separate section. With the use of the container presence sensor, rinsing water is drawn from the water supply network.

The rinsing water makes up the level of washing water. The operation is as simplified as possible. Upon turning on, a water container is filled and when the minimum level safe for the pump and heat exchanger is achieved, the heating system is launched and the machine is ready to use.



Link to video:
Container washer
https://youtu.be/SODLIJf9_I8



Technical data:

| L x W x H | 2500×1000×1700 | 2500×1000×1700 | 2300×950×1700 | 2300×950×1700 |
|----------------------|----------------------|----------------------|---------------------|---------------------|
| Max. capacity | 300 pcs/h | 300 pcs/h | 150 pcs/h | 150 pcs/h |
| Electric power | 7.5 kW | 23/7.5 kW | 4 kW | 20/4 kW |
| Container heating | Oil, gas | Electric, steam | Oil, gas | Electric, steam |
| Heating power | 30 kW | 23 kW | 30 kW | 20 kW |
| Water consumption | ca. 1,5 l/container | ca. 1,5 l/container | ca. 1,5 l/container | ca. 1,5 l/container |
| Container capacity | 300 l | 300 l | 250 l | 250 l |
| Power connection | 3×400V 50Hz | 3×400V 50Hz | 3×400V 50Hz | 3×400V 50Hz |
| Additional equipment | inverter, steam stay | inverter, steam stay | - | - |

AN INJECTOR

Characteristics:

- ▶ quick coupling needles
- ▶ one head with needle sockets in three rows
- ▶ adjusted pressure up to 5 bar
- ▶ polypropylene belt conveyor
- ▶ smooth adjustment belt conveyor feed within 0-90 mm
- ▶ two needle feed rates 36/60 steps per minute
- ▶ inverter can be used
- ▶ internal filter

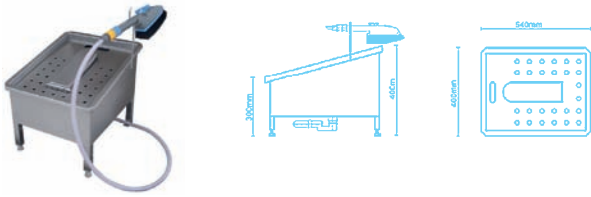
Technical data:

| Type | | AN 25 | | | AN 31 | | |
|-------------------------------|-----------|--------------------------|-------|-------|--------------------------|-------|-------|
| Total needles | pcs | 25 | 50 | 100 | 31 | 62 | 124 |
| Needles in socket | pcs | 1 | 2 | 4 | 1 | 2 | 4 |
| Capacity | kg/h | 1500 | 2000 | 2500 | 1700 | 2500 | 3000 |
| Number of steps | step/min. | 60/36 | 60/36 | 60/36 | 60/36 | 60/36 | 60/36 |
| Transport belt conveyor width | mm | 290 | | | 350 | | |
| Transport belt conveyor pitch | mm | 0-90 (smooth adjustment) | | | 0-90 (smooth adjustment) | | |
| Max. needle lifting height | mm | 220 | | | 220 | | |
| Brine pressure | bar | 1-5 smooth adjustment | | | 1-5 smooth adjustment | | |
| Dimensions (L x W x H) | mm | 1200×500×1900 | | | 1500×550×1900 | | |
| Power | kW | 3,0 | 3,0 | 3,0 | 4,0 | 4,0 | 4,0 |
| Weight | kg | 290 | 290 | 290 | 350 | 350 | 350 |
| Brine container capacity | l | 150 | 150 | 150 | 150 | 150 | 150 |



CLEANING DEVICES

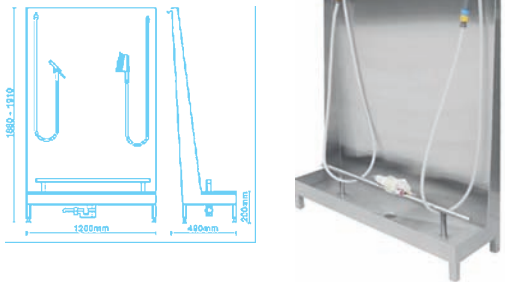
Manual washers



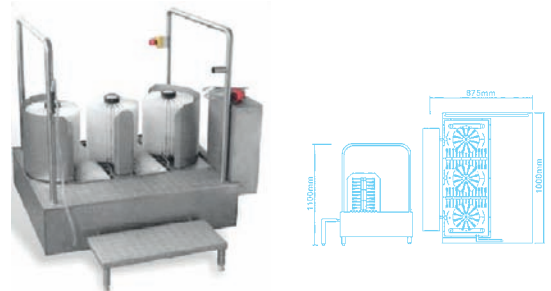
Three-brush washer



Apron washers



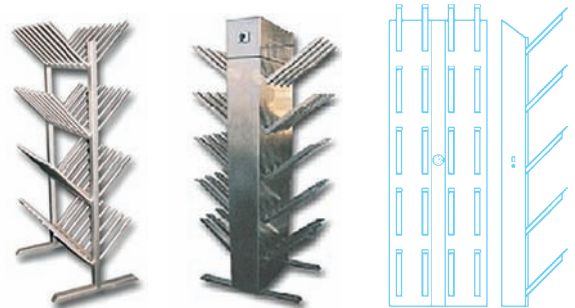
Five-brush washer



Hygienic panels and washbasins



Footwear dryers



Hygienic stations



Link to video:
Hygienic station

<https://youtu.be/W6Yu-ftnISM>



TRANSPORT LINES

Lines are used to transport sides from trucks or slaughtering chain to the cooler and freezer.

Transport lines can be provided in two versions \varnothing 46 or \varnothing 60.

Lines are installed on supports or suspensions.

Every line is made of acid-resistant sheet.

Differential conveyor for lines



Link to video:
Differential conveyor

<https://youtu.be/nyhNsgAa6vE>



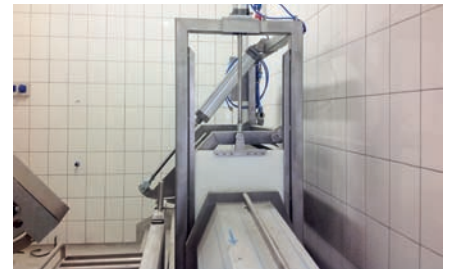
PIG STUNNING BOX

Box is made of acid-resistant steel.

Fitted with hydraulic actuator opening the side flap onto the discharge table.

Manual control.

Flap separating the driveway from the stunning box is made of polyurethane material.



PIG DRIVEWAY

Driveways are fitted with showers that pre-rinse pigs.

Each driveway is fitted with a peephole and retreat blockade.

The whole is made of acid-resistant material.

Length is 2,500 mm and width is 800 mm.

We make driveways for porkers and sows.

