



KärT

FOOD INDUSTRY EQUIPMENT

Complete pet food
production lines

design | production | repair



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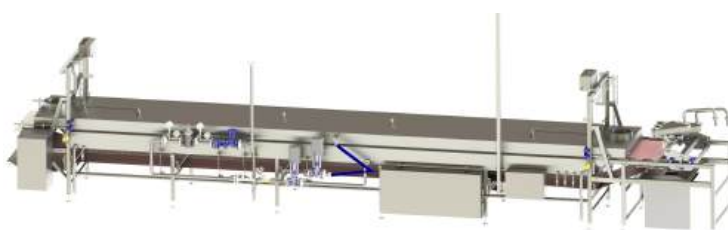
STEAM TUNNEL WITH PTFE TAPE



MAIN FEATURES:

- the appliance is used to cook food with the aid of technological steam
- energy-saving - low steam consumption
- the appliance is built as a frame construction from acid-resistant steel profiles
- frame with upper drip tray and steam supply system
- option - execution of lower drip tray
- movable insulated upper jacket with steam supply system
- insulated lower casing
- technological steam exhaust
- drive drum set in motion by motoreducer
- passive drum with belt tensioning system
- feeding matrix 2x600mm, 2x500mm or 1x1000mm (matrix openings in options 5x10,8x16,5,10x11)
- possibility of fast belt change
- electrical lifting mechanism of the top cover
- automatic tape guiding mechanism
- regulation of technological steam supply by 2 ARI cylinders, supplying steam in two places in the upper casing and in two in the lower casing
- temperature control by PID control of technological steam quantity, temperature measurement in the upper casing and in the lower tray

Parameter	Unit of measurement	Value
Overall length	mm	10700
Length of cooking chamber	mm	8000
Overall width 600/1000/1200	mm	1600/2000/2200
Overall height 600/1000/1200	mm	2350 (3500 with mast)
Conveyor belt width 600/1000/1200	mm	600/1000/1200
Belt type	-	PTFE with Kevlar fibre and alligator-type connector for easy removal
Process steam consumption	kg/h	200÷300
Performance	kg/h	max. 2500
Weight	kg	2000



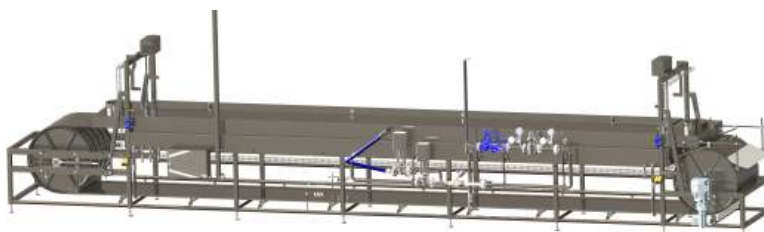
STEAM TUNNEL WITH STEEL TAPE



MAIN FEATURES:

- the appliance is used to cook food using technological steam
- energy-saving - low steam consumption
- the appliance is built as a frame construction from acid-resistant steel profiles
- frame with upper drip tray and steam supply system
- option - execution of lower drip tray
- movable insulated upper jacket with steam supply system
- insulated lower casing
- technological steam exhaust
- drive drum set in motion by motoreducer
- passive drum with belt tensioning system
- feeding matrix 2x600mm, 2x500mm or 1x1000mm (matrix openings in options 5x10,8x16,5,10x11)
- electric mechanism of the upper cover lifting
- automatic tape guiding mechanism
- regulation of technological steam supply by 2 ARI cylinders, supplying steam in two places in the upper casing and in two in the lower casing
- temperature control by PID control of technological steam quantity, temperature measurement in the upper casing and in the lower tray

Parameter	Jednostka miary	Wartość
Overall length	mm	11150
Length of cooking chamber	mm	8000
Overall width 600/1000/1200	mm	1600/2000/2200
Overall height 600/1000/1200	mm	2350 (3500 with mast)
Conveyor belt width 600/1000/1200	mm	600/1000/1200
Belt type	-	Stainless steel belt Berndorf NICRO
Process steam consumption	kg/h	200÷300
Performance	kg/h	max.2500
Weight	kg	3500



COOLING TUNNEL WITH INTEGRATED SLICING SYSTEM



MAIN FEATURES:

- the appliance is used to cool cooked food
- the tunnel can be made with or without a cutting system
- the unit is constructed as a frame structure with acid resistant steel profiles
- upper cover with inspection flaps
- stainless steel openwork belt

Parameter	Jednostka miary	Wartość
Overall length	mm	5510
Length of cooling compartment	mm	4520
Overall width 600/1000/1200	mm	1700/2100/2300
Overall height	mm	1450 ±50
Transport grid width 600/1000/1200	mm	670/1070/1270
Type of conveyor belt	-	Stainless steel mesh
Length of cut meat strips	mm	~10÷40
Meat outlet temperature	°C	~40÷50
Weight	kg	~1200

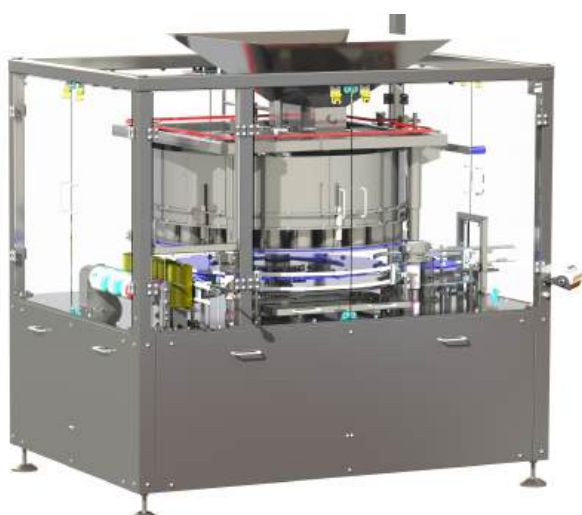


FILLING MACHINE



MAIN FEATURES:

- the device is used for volumetric dosing of cooked food into metal cans
- device made of acid-resistant steel
- support structure made of closed profiles
- volume regulation of feed dosing
- interchangeable filling chambers, auger, bands, star for different types of cans
- inverter-regulated speed of dosing
- two dispensing speeds in case of overfilling the filling chamber
- overlapping buffer which can be closed during operation



Parameter	Jednostka miary	Wartość
Length	mm	~1400
Width	mm	~2000
Height	mm	~1850
Height of cans Ø73;Ø99	mm	103÷175
Maximum filling capacity	cans/h/h	13000
Minimum filling capacity	cans/h	3000
Weight	kg	~1600

CLOSING MACHINE



MAIN FEATURES:

- the device is used for precise and final closing of food cans
- high efficiency
- can be adjusted to different can heights
- can be operated as an independent unit
- 6 closing heads
- made of stainless steel

Parameter	Unit of measure	Value
Length	mm	1500
Height	mm	1900
Width	mm	1600
Weight	kg	3000
Maximum height of cans Ø73	mm	approx. 105
Number of heads	pc	6
Performance	pc/h	max. 18000
Height of the input and output conveyor	mm	900 ±50



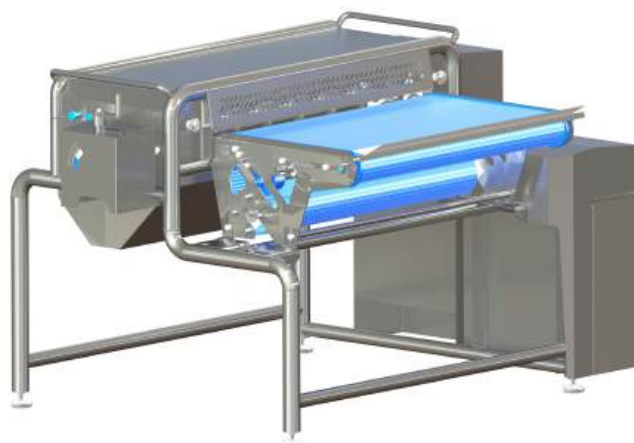
CUTTING SYSTEM



MAIN FEATURES:

- the device is used to cut the product into pieces
- adjustment of cutting angle and piece length
- adjustment of the linear speed of the input conveyor
- input conveyor on modular blue belt
- possibility to work as an independent device
- made of stainless steel

Parameter	Unit of measure	Value
Length	mm	1500
Width	mm	2000
Height	mm	1300
Knife speed	rpm	max. 108
Cutting angle adjustment range	°	45÷90
Length of cut meat strips	mm	~10÷40
Weight	kg	ok. 500



Z-TYPE TRANSPORTER



MAIN FEATURES:

- the device is used to carry small food products
- frame construction made of acid resistant steel profiles
- frame with drip tray and covers
- mechanism facilitating washing of the belt



Parameter	Unit of measure	Value
Length	mm	~4500
Height	mm	~2800
Width	mm	~850÷1100
Width of conveyor belt	mm	375
Type of conveyor belt	-	Blue modular tape, with 50mm high takers
Weight	kg	approx. 500

MEAT PUMP



MAIN FEATURES:

- the device is used to dose the pulp
- the device is made of acid resistant steel
- the device is equipped with a control system
- support structure made of closed profiles
- screw pumping unit
- speed regulation of dosing with an inverter
- built-in accumulator



Parameter	Unit of measure	Value
Length	mm	~2050
Height	mm	~1550
Width	mm	~1450
Max. storage capacity	l	850
Weight	kg	~450

POURING MACHINE



MAIN FEATURES:

- the device is used for pouring sauce into cans with food
- the device is made of stainless steel
- equipped with a pipe or a gutter (open from the top) supplying pouring liquid to cans
- support structure made of closed profiles
- conveyor speed control by inverter
- pump capacity control with an inverter
- supporting construction on feet

Parameter	Unit of measure	Value
Length	mm	3000
Width	mm	800
Transporter height	mm	900 ±50
Plate conveyor width	mm	114,3
Pump capacity	m3/h	27
Weight	kg	450



PROCESS MIXER



MAIN FEATURES:

- the device is used to mix the brine
- adjustable speed of stirrer rotation
- 2 types of mixers available: with "high-shear" type head, with standard head - propeller
- made of acid-resistant steel



Parameter	Unit of measure	Value
Diameter	mm	1300
Width	mm	2500
Tank capacity	l	1000
Agitator speed	rpm	max 1400
Weight	kg	approx. 500 (tank) + approx. 100 (agitator)

ROTARY TABLE



MAIN FEATURES:

- the device is used to transport cans, jars and alupaks
- the device is constructed as a structure made of acid resistant steel with a top made of PE
- equipped with drive and control system
- overload clutch 30Nm - adjustable
- support structure made of closed profiles
- speed control by inverter
- various types and configurations of bands depending on demand

Parameter	Unit of measure	Value
Table top diameter	mm	Option I: Ø1000 Option II: Ø1500
Height working height	mm	1040 ±50
Max. speed	rpm	9
Weight	kg	150





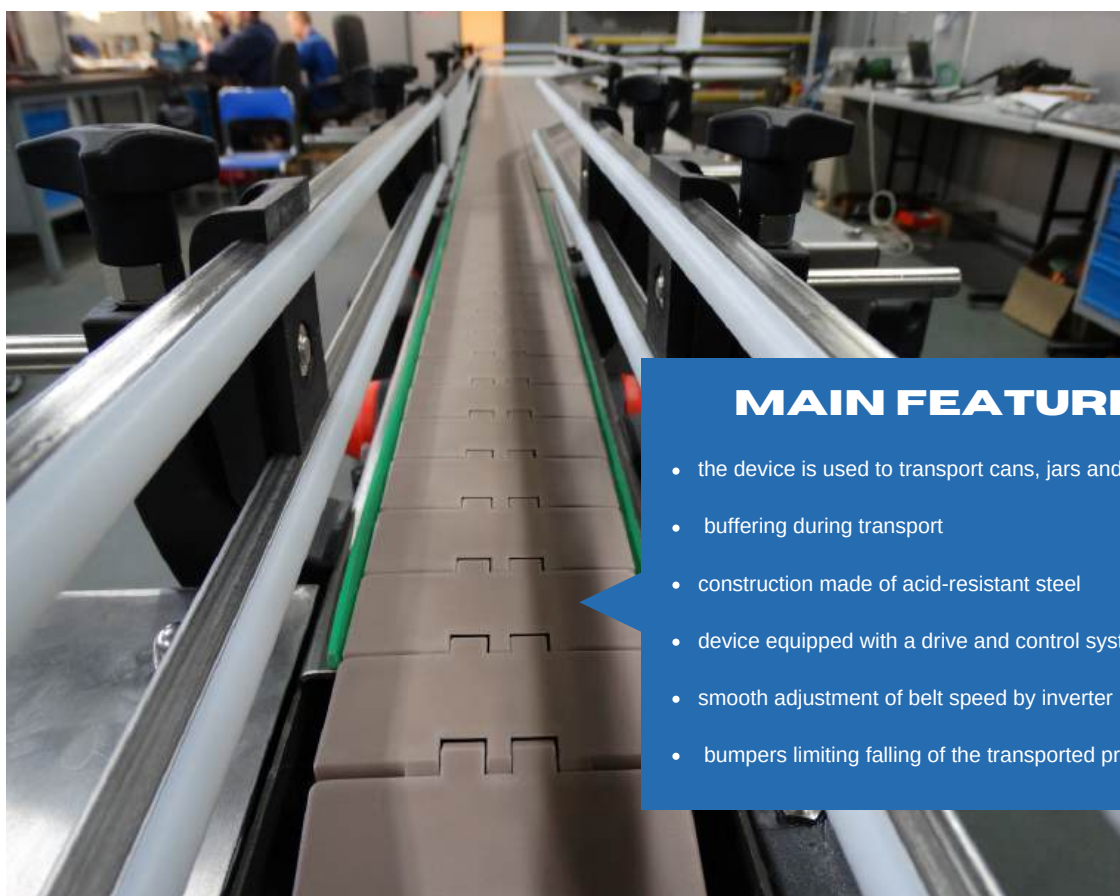
MAIN FEATURES:

- the device is used for dosing vegetables to feed
- the applied solution allows feeding and separate regulation of the stream of two types of vegetables
- removable covers and access to the auger shafts
- two-chamber hopper with a safety net
- two worm shafts driven with motoreducers
- device made of acid-resistant steel



Parameter	Unit of measure	Value
Objętość pojedynczej komory leju zasypowego	l	30
Maximum dosing capacity per 1 roller	kg/h	13÷30
Outer diameter of the auger	mm	90
Length	mm	2100
Height	mm	2200
Weight	kg	180

TRANSPORTER BUFFER



MAIN FEATURES:

- the device is used to transport cans, jars and alupaks
- buffering during transport
- construction made of acid-resistant steel
- device equipped with a drive and control system
- smooth adjustment of belt speed by inverter
- bumpers limiting falling of the transported products



Parameter	Unit of measure	Value
Length	mm	~4000
Width	mm	~750
Width of conveyor belt	mm	4x82,5
Height	mm	900 ±50
Weight	kg	300

TORSIONAL TRANSPORTER



MAIN FEATURES:

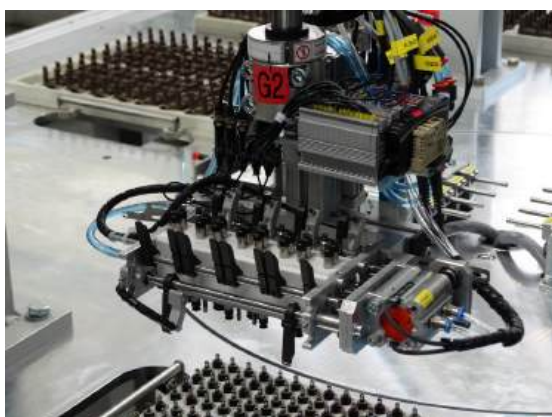
- the device is used to transport cans, jars and alupaks
- device on a plate belt
- conveyor equipped with a drive and control system
- barriers limiting falling of the transported products
- construction made of acid-resistant steel
- smooth adjustment of belt speed by inverter

Parameter	Unit of measure	Value
Length	mm	~3350
Width	mm	~1900
Width of conveyor belt	mm	1x114,3
Height	mm	1020 ±50
Weight	kg	do 300



WE ALSO OFFER**TOOLING SERVICES
AND POLYMER
PROCESSING**

- we specialize in providing complete production nests
- our profession is the production of precision parts, where dimensions are the most important thing
- we have the technical resources needed to produce 2 and 3 component moldings
- we make injection molds up to 5 tons
- we offer high quality overmolding method
- we assist customers in product development

**AUTOMATION
PRODUCTION****METALWORKING**

KarT



A few words about the past...

KarT Ltd. was established in 1983 as a technical plant providing machining services to regional entrepreneurs. Over the years, the owner's commitment and the professionalism of the employed staff have made the company a permanent fixture in the minds of customers as a reliable, recommendable manufacturer and supplier.

A few words about the present...

At present, from a plant employing a few people, a company functioning on a European scale and according to European standards has emerged, employing more than 70 highly qualified employees. In addition to metal and plastics processing, our specialty is full automation of production and provision of tooling services. More than 40 years of market presence, as well as an ambitious and experienced staff, allow us to implement the most complex projects. Individual and non-standard approach to tasks, curiosity about technology, minds open to challenges - among others, these qualities make us provide customers with products and services of the highest quality.



A few words about the future...

Our main and unchanging goal is continuous development, improvement of qualifications and providing our Customers with reliable products and services. We place special emphasis on dialogue with the Customer, and his needs are our motivation to work hard and look for innovative solutions.

The logo consists of the word "Kart" in a white, italicized, sans-serif font, centered within a solid blue square.

Kart

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