

## Food Processing in Perfection

laska.at

# Absolute efficiency.

### Quality

### Longevity

**Food Processing** in Perfection

### Internationalism

LASKA operates globally and is represented in over 130 countries. Our long-standing business relationships with customers, suppliers and distributors are characterised by respect, trust and commitment. Our top priority is the utmost satisfaction of our customers worldwide.

Our promise to our customers is as follows: food processing in perfection. How serious we are about this is evidenced in our tireless pursuit of advancements and perfection. LASKA machines must meet top requirements; the expertise of our employees and the selection of the best components ensures this. Each and every machine is constructed at our own plant in Austria according to standardized processes and ergonomically designed assembly lines. Proper functioning and processing are inspected with precision, and the machine only leaves the plant upon meeting stringent internal standards.

The Maschinenfabrik LASKA company is a traditional business with over 140 years of experience in the food industry. Our actions and our philosophy are based on the pursuit of long-term company success.

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# Let's talk future business.

### Success through resilience and progressive decisions

The positive developments at LASKA are the result of the resilience that we have developed over generations, but are also the result of the progressive decision-making in the present as well as of the tireless work of all employees in line with LASKA's motto, "Perfection in every detail".

#### Leadership in production lines

Our goal is to build machines with which one can process foods even better, more hygienically and more economically. This led to LASKA successively developing its competence in the field of automation over the past years. Concretely, this means: the production process is optimised by connecting isolated processing stations together and having the system operate automatically. This ensures a higher and more constant product quality overall, and short amortisation times. This is why LASKA is the number 1 partner for food processing production lines.

#### **Expansion instead of**

cost-cutting – investment in digitalisation and the production sites

Instead of throttling our expenses in expectation of a possible recession and operating in "savings mode", we at LASKA showed true entrepreneurial spirit. On the one hand, the new assembly line for grinders was a first step towards converting the assembly process and significantly increasing capacity. On the other hand, we invested massively in the expansion of digitalisation: to optimise our own operations, we switched to SAP, while at the same time our sales and services were made fit for the future with a tailored sales app and our customers informed through numerous events.

### Expanded horizon: always forging new paths

Proximity to the customer is a central focus at LASKA. We mean that both literally and metaphorically. We redrew our existing service and sales network to be closer to our customers and give them even better support when they need us. The results: shorter distances and faster reaction times. Around the world. The other aspect of proximity to the customer is in relation to the range of our products. LASKA machines have long been used for more than meat processing; they also show their qualities in the production of plant-based foods like the manufacture of alternative proteins. Our know-how is therefore increasingly benefiting operators in this fast-growing area.



Maximilian Laska, owner and sole managing director

"The investment in digital tools has simplified our collaboration with our partners and further improved the efficiency of our work. But we have also expanded in the real world."

### 1880 - 1910 Small sausage business

Johann Laska establishes a small business producing sausage skins and ingredients for sausages.

#### 1948-1963

#### LASKA machines in international demand

The first LASKA machines are exported in 1950. In the 1960s the German sales company LASKA Fleischereimaschinen Augsburg is founded.

### 1972

#### Manufacturing plant in Traun

Fritz Laska and his sons Herbert and Wilfried Laska order the construction of a modern, 8.000 m<sup>2</sup> production hall with sophisticated architecture in Traun, near Linz.

### 2002-2008

#### **Expansion in Traun**

Production and warehouse facilities are renovated and expanded based on the latest knowledge on working processes and ergonomics.

### 2016 Fifth generation of LASKA's

### family-run business

In December 2015, Maximilian Laska takes over as managing director at LASKA, working alongside technical director Alexander Brinnich.

2021

### Maximilian Laska becomes sole managing director

On 1 January 2021, Maximilian Laska takes up the position sole managing director at the head of the family business.

### 2023

Series production of grinders The newly built assembly line for grinders

was put into operation in 2023. Other product groups such as cutters, mixers and emulsifiers will also be assembled on these production lines in future.



# The future is built on the past.

Founded in 1880, LASKA can look back on a very long history. Today, after over 140 years, LASKA is one of the international leaders in machine construction and is a constant innovator in food production. Maximilian Laska, owner and since 2021 sole managing director, has been a driving force in the company's current developments since 2015. His goal, like that of the four previous Laska generations, is to build machines with which one can process foods even better, more hygienically and also more economically.

"The world is constantly changing. But we know how to handle change. The positive developments at LASKA are the result of the resilience developed over generations."

Maximilian Laska, owner and sole managing director

THE NOTATION



# Why choose LASKA?





Entrance LASKA office. Traun, Austria

the world.

Our international distribution and sales network and the LASKA after sales service with flying engineers ensure that assistance is delivered in short order to resolve any serious situations. We also guarantee the provision of spare parts for all of our machines for at least 25 years.

tionships.

What makes a company like LASKA? Its products, its know-how and its success? Yes. But not only. Because something deeper is responsible for all that. The essence of a company. Curiosity. Courage. Determination. Dedication, Obsession, These are the values.

### Buy from the market leader.

After more than 140 years of experience and expertise, LASKA machines are some of the most robust and technically advanced in

### Rely on our service anywhere in the world.

### Our machines are built to last for decades.

LASKA machines are robust and designed for longevity. Just like our customer rela-

### Engineered for hygienic design.

LASKA machines are consistently developed according to hygienic design guidelines and fitted with EHEDG-certified components.

### Settle for no less than Austrianengineered quality.

Machines by LASKA are developed and perfected by in-house engineers. then built at our own plant in Austria according to standardized processes and ergonomically designed assembly lines.

### Invest in efficiency.

LASKA machines deliver extremely high output and reduce costs through automation solutions and simple cleaning.





# Grinders

Fully redesigned to set new benchmarks in hygienic design.





W 130-H Perforated disk Ø 130 mm Hopper capacity 481 Max. output / h 2500 kg/h

WW 130 Perforated disk Ø 130 mm Hopper capacity 175 l Max. output / h 5000 kg/h



WW 160-H erforated disk Ø 160 mm Hopper capacity 385 I Max. output / h 9100 kg/h



WWB 200-H Perforated disk Ø 200 mm Hopper capacity 650 l Max. output / h 8000 kg/h



WWB 300-H Perforated disk Ø 300 mm Hopper capacity 800 l Max. output / h 21000 kg/h







### WW 200-H

Perforated disk Ø 200 mm Hopper capacity 385 l Max. output / h 14000 kg/h



Scan the QR code to follow the link to see our machines in action!



### **Highest output in** its class, no waste and maximum hygiene.

### Strengths and benefits

The new angle grinders can be used universally, both for fresh and frozen material. The sturdy construction from solid, non-corrosive materials guarantees long shelf life.

### Applications

Boiled, raw and cooked sausage	
Various fish products	Maschine
Mince and hamburgers	W 130-H
Fruit and vegetable products	W 150-11
Pâtés	WW 130
Cheese, butter	WW 160-H
Confectionery	
Pet food	WW 200-H
	WWB 200-

WWB 300-



			Motor power in kW		Motor po	ower in kW
n	Perforated disk Ø in mm	Hopper capacity standard in litres	1-speed grinder	1G-speed grinder	2-speed grinder	2G-speed grinder
	130	48	7,5	-	-	-
	130	175	11	15	12,5/15	-
ł	160	370	-	-	26/34	36/38
ł	200	385	-	-	36/38	43/55
н	200	640	-	55	-	-
н	300	800	-	132	-	-



## **Efficiency** in series.

A milestone in the food processing machinery sector: The series production of LASKA grinders to the highest standards is a step into the future.

A new assembly line for our grinders has been successfully in operation since January 2023. 50% shorter assembly times thanks to standardized processes, ergonomically designed workstations, and 50% less needed construction space are just a few of the advantages of the new assembly line. In addition to the shorter delivery time, another major advantage for our customers is that they are buying a series machine. And this is very rare or even unique, especially in the food processing machinery sector.



Watch the interview with Maximilian Laska to find out more about the impacts of the production line on LASKA's internal processes, customers, and the company's future.









### Grinders **Advantages**



### **Complete unloading**

- Optimum self unloading when changing product or at end of production thanks to special housing and screw geometry
- Saves material, reduces cleaning time and lowers costs



#### Automatic blockage correction

- Machine's reverse operation rectifies blockages in the feeder screw
- Lowers operating costs, prevents overloading and lengthens service life of the machine



#### Hydraulic worm ejector

- Fast and simple removal of the working screw and the cutting set for maintenance and cleaning is possible
- Increases ergonomics and reduces effort



#### Automatic idle cut-off mechanism

- Screw drives stop automatically when no material is fed
- Protects cutting sets, saves energy and lowers operating costs



### Sophisticated angled design

- Material is gently collected and conveyed onward from the feeder screw to the working screw in one level
- Guarantees high product quality and increases output



### Hygiene certification from Fraunhofer Institute

- The design of the components results in less cleaning work
- Up to 35% time savings on cleaning (compared to non-hygienic design version)

### Sophisticated cleaning system

- Complete cleaning of the machine possible thanks to well-thought-out, detailed solutions
- Reduces cleaning time



#### Fresh meat cutting set

- Processing of fresh meat of down to -4°C, good cutting quality, minimal heat exposure of the end product
- Increases product quality



### Service-friendly remote maintenance

### Grinders **Options**





### Separating cutting sets

- Sorting out of sinewy and hard portions of the raw materia
- Improves the meat grade

### Frozen meat cutting set

- Processing frozen meat and rinds of temperatures of -18°C and below, with robust design of the cutting set
- Maintains consistently good cutting quality in continuous use with a perforated disc designof 3 mm



- Rapid technical support straight from the factory; online part maintenance possible - Increases plant availability, guarantees reliability and lowers operating costs



### **OPC UA interface**

- Modular and simple integration of individual machines in production lines, secure and reliable data processing
- Increases flexibility and lowers costs



### Performance data W 130-H

W 130-H (kg/h)		W 130-H (kg/h)		_ de	
	fresh +4°C	fir			
3 mm (HD)	2500kg/h	th			

processed product.

### Performance data WW

	WW 13	80 (kg/h)	WW 160-H (kg/h)			WW 200	-H (kg/h)
	beef	beef	beef	beef		beef	beef
	fresh +4°C	frozen -18°C	fresh +4°C	frozen -18°C		fresh +4°C	frozen -18°C
3 mm (HD)	1.300 - 2.300		2.250 - 4.100	800 - 1.200	3 mm (HD)	3.100 - 6.000	1.600 - 2.500
5 mm (HD)	1.600 - 2.800		3.500 - 6.600	1.000 - 1.500	5 mm (HD)	4.800 - 9.500	2.000 - 3.100
3 mm (HD)	2.000 - 3.700	400	3.900 - 7.500	1.100 - 1.700	8 mm (HD)	5.600 - 11.000	2.200 - 3.500
13 mm (HD)	2.300 - 4.200	470	4.200 - 8.100	1.300 - 2.000	13 mm (HD)	6.200 - 12.000	2.600 - 4.100
20 mm (HD)	2.700 - 5.000	550	4.800 - 9.100	1.500 - 2.300	20 mm (HD)	7.300 - 14.000	3.000- 4.700

### Performance data WWB

	WWB 200-H (kg/h)		WWB 3	00-H (kg/h)	
	beef	beef frozen meat block		frozen meat block	
	fresh +4°C	beef -18°C	fresh +4°C	beef -18°C	
3 mm (HD)	5.000	1.900	9.300	4.500	
5 mm (HD)	6.200	2.100	12.100	4.800	
8 mm (HD)	7.600	2.600	16.200	5.800	
13 mm (HD)	7.700	3.100	18.300	6.300	
20 mm (HD)	8.000	3.300	21.000	7.300	

### **Grinders Performance Data**

The maximum processing quantity per hour lepends on the diameter of the bores of the inal grinder plate used, but especially on he nature, quality and temperature of the





## Cutters

Sophisticated, tried and tested machine concept increases productivity with the cutter.







K 60/65-B Bowl capacity 601/651 Blade shaft speed 5100 rpm Cutting speed 100 m/s

К 130-В



K 200-B Bowl capacity 200 l Blade shaft speed 5800 rpm Cutting speed 160 m/s



K 750-B Bowl capacity 750 l Blade shaft speed 3300 rpm Cutting speed 160 m/s



K 330-B Bowl capacity



Bowl capacity 130 l Blade shaft speed 4700 rpm Cutting speed 120 m/s



330 I Blade shaft speed 4800 rpm Cutting speed 160 m/s



KCU 200 Bowl capacity 200 I Blade shaft speed 4600 rpm Cutting speed 128 m/s



K 500-B Bowl capacity 500 l Blade shaft speed 4200 rpm Cutting speed 160 m/s



Scan the QR code to follow the link to see our machines in action!



### High cutting speed, optimal mixing and minimal cleaning effort.

#### Strengths and benefits

Regardless of the batch size, the cutter processes fresh meat and pre-chopped frozen meat with outstanding cut quality and at high speed for an evenly fine and homogeneous product. In addition, it impresses with easy cleaning and maintenance of the machine and a long life span.

### Арр

Cooking device

Applications Boiled, raw and cooked sausage	Machines	Bowl capacity in litres	Cutting speed in m/sec	Motor power in kW
Rind emulsions	K 65	65	100	22
Canned products	K 130	130	120	60
Soups and sauces	KCU 200	200	128	98
and much more	K 200	200	KU 135 / KUX 160	KU 104 /KUX 113
	K 330	330	KU 135/ KUX 160	KU 142 / KUX 150
Options	K 500	500	KU 135 / KUX 160	KU 172 / KUX 182
Vacuum design Cooling device	K 750	750	KU 135/ KUX 160	KU 250 / KUX 270



### Cutters **Advantages**



### Infinitely variable unloader

- Infinitely variable unloader disc speed
- Fast, complete emptying of the cutter bowl for a wide variety of products



### Unique bearing system for the knife shaft

- No bending stress on knife shaft since the bearing is located exactly in the axis of the belt force
- Minimised vibrations and reduced noise generation, in addition to a longer service life for bearings and seals



### Cutter bowl bearing

- Very precise knife adjustment thanks to patented bearing with large diameter for slewing ring bearing and high truerunning accuracy
- Increases product quality, extends service life and lowers machine maintenance costs



### **Cutter operating concept**

- Large user-friendly Touchscreen
- Minimizes idle times
- Increases operating convenience
- Reduced training effort
- Simple recipe management



### Removable baffle plate

- Removing the baffle plate shortens the resting time in the cutting chamber
- Enables the finest possible products and shortens the batch time



### Easy knife changes

- Knives are fixed in place magnetically with patented mounting rings for quick and easy knife changes
- Optimises the workflow and increases occupational safety



### Water dosing

- Automatic addition of water during the cutting process
- Increases operating convenience

idle times



### Nitrogen cooling

- Optimum rapid temperature distribution during the production process, exceptionally gentle cooling without freezer burn
- Standardisation and automation of sausage production with consistent product quality

### Forced ventilation

- Cools LASKA drive units and dissipates heat from climate controlled production chamber using external fans - Extends machine service life, lowers
- downtimes

# **Cutters Options**





### **Smart central lubrication**

- Microprocessor-controlled
- automatic lubrication
- Extends the service life of the machine, prevents operating errors and reduces

### **Cooking facility**

- Production of cooked sausage and pies in a single operation; no undesired dilution due to closed heating and cooling media circuit
- Shorter process times, improved product quality





- maintenance costs and reduces

### **Dual loading**

- Very quick filling of the cutter bowl with two loading units
- Lowers costs and saves time



### Performance Data

Values for reference only

	K 60/65-B	K 130-B	KCU 200	K 200-B
Dry sausage products				
Batch weight up to (kg)	20 - 30	40 - 50	65 - 75	65 - 75
Process time (min)	3 - 5	3 - 5	3 - 5	3 - 5
Boiled sausage products				
Batch weight up to (kg)	55	120	190	190
Process time (min)	6 - 8	6 - 8	6 - 8	6 - 8
Cooked sausage product	s (cooking proce	ss in the bowl o	cutter)	
Batch weight up to (kg)				190
Process time (min)				8 - 15

	K 330-B	K 500-B
Dry sausage products		
Batch weight up to (kg)	100 - 120	160 - 180
Process time (min)	3 - 5	3 - 5
Boiled sausage products		
Batch weight up to (kg)	310	475
Process time (min)	6 - 8	6 - 8
Cooked sausage products	(cooking proces	ss in the bowl o
Batch weight up to (kg)	310	475
Process time (min)	8 - 15	8 - 15

### **Cutters Performance Data**

Κ	750-B	
---	-------	--

250 - 270
3 - 5
710
6 - 8
utter)
710
8 - 15



# Mixer grinders

Highest output in its class, no waste and maximum hygiene.







WMW 1680 Perforated disk Ø Hopper capacity

130 mm

380 I

300 kg

200 mm

1000 kg

1200 I



WMW 2020 Perforated diskr Ø Hopper capacity Max. mixing quantity



WMW 2012 Perforated diskr Ø Hopper capacity Max. mixing quantity

WMW 1330

Perforated disk Ø

Hopper capacity

Max. mixing quantity

### **Mixer grinders Overview**

Max. mixing quantity

160 mm 800 I 650 kg



### WMW 2080

Perforated disk Ø Hopper capacity Max. mixing quantity 200 mm 800 I 650 kg



200 mm 2000 I 1600 kg



Scan the QR code to follow the link to see our machines in action!



### **Optimum blending.** Sophisticated angled design.

### Strengths and benefits

LASKA mixer-grinders combine the functions of a mixer and grinder. Different blade sets produce finest cutting sizes from fresh as well as frozen material and intermeshing heica paddle shafts ensure perfect mixing.

### Applications

Meat and cooked meat products	
Fish and seafood	Maschinen
Convenience products	WMW 1330
Cheese	WMW 1680
Confectionery and Pastry	
Fruit and vegetable products	WMW 2080
Plant-based products and	WMW 2012
alternative proteins	
Pet food	WMW 2020





ower in kW	Motor p	ower in kW	Motor p	Hopper	
2G-speed grinder	2-speed grinder	1G-speed grinder	1-speed grinder	capacity stan- dard in litres	Perforated disk Ø in mm
-	12,5/15	-	11	380	130
-	26/34	-	22	800	160
-	36/38	-	30	800	200
-	36/38	-	30	1.200	200
-	36/38	-	30	2.000	200

### Mixer grinders Advantages



### Various special mixing arms

- Different mixing arm designs available as options
- Allows a wide product range with a single machine



### **Minimum tolerances**

- Efficient mixing thanks to minimal gap between mixing arm and hopper
- Improves product quality and guarantees homogeneous product





### Low maintenance efficient drive components

- State of the art energy saving drive and control concept
- Lowers operating costs and protects the machine



#### Z-shaped mixing arms

- Optimum mixing arm shape for gentle mixing of tough products
- Guarantees high product quality
- Optimum, gentle cooling during production processes, through nozzles in the base or cover for CO2, through nozzles in the cover only for N2
   Standardisation and automation with consistent product quality



### **Compact design**

- Compact, hygienic design thanks to builtin control box
- Reduces cleaning time



### Intermeshing paddle spiral mixing shafts

Maximum mixing range thanks to innovative mixing-shaft geometry
Improves mixing, guarantees a

homogeneous product and reduces

batch time

feeder screw and working screw protects the product and drive side

Double-sealed

- Easiest cleaning for maximum hygiene

- Sophisticated sealing concept for the



### Automatic idle cut-off mechanism

- Screw drives stop automatically when no material is fed
- Protects cutting sets, saves energy and lowers operating costss
- A

### Direct unloading of mixing hopper

- Direct unloading of mixing hopper after mixing process if product is to be chopped using the grinder cutting set
- Increases flexibility and lowers costs

### Mixer grinders Options



### CO2 or N2 refrigeration



### Water dosing

- Precise, fully automatic addition of a freely selectable quantity of water or liquid at up to +90°C
- Reduces the risk of contaminated products and improves product qualitys





### **OPC UA interface**

- Modular and simple integration of individual machines in production lines, secure and reliable data processing
- Increases flexibility and lowers costs



### Performance Data

Values for reference only

	WM 13	WW 30	WN 16	WW 80	WI 20	WW 80	WI 20	MW 012	WN 20	ИW 20
Mincer speeds	1	1	1	2	1	2	1	2	1	2
Batch size (kg)	250	250	650	650	650	650	1.000	1.000	1.600	1.600
Batch-Time (total, min)	20	20	27	19	22	16	30	21	45	30
Loading (min)	2	2	4	4	4	4	5	5	8	8
Mixing (min)	2	2	2	2	2	2	2	2	2	2
Analysis (min)	2	2	2	2	2	2	2	2	2	2
Mixing (min)	2	2	2	2	2	2	2	2	2	2
Mincing (3 mm hole plate, min)	12	12	17	9	12	6	19	10	31	16
Output per hour (kg/h)	750	750	1.400	2.100	1.800	2.400	2.000	2.800	2.100	3.200

### Mixer grinders Performance Data







Sophisticated mixing arm concept guarantees optimal mixing effect for all requirements.





ME 500+ Hopper capacity 500 I Max. mixing capacity 400 kg Draining Side flap



ME 750+ Hopper capacity Max. mixing capacity Draining



10001

Two side flaps

ME 1000+

Draining

Hopper capacity

Max. mixing capacity 800 kg



ME 1500+ Hopper capacity Max. mixing capacity 1200 kg Draining



ME 3000+ Hopper capacity 3000 I Max. mixing capacity 2400 kg Draining Two side flaps



ME 4500+ Hopper capacity Max. mixing capacity Draining



750 I

600 kg

Side flap

### **Mixers Overview**



Scan the QR code to follow the link to see our machines in action!

15001 Two side flaps



ME 2000+ Hopper capacity Max. mixing capacity 1600 kg Draining

2000 I Two side flaps

4500 l 3600 kg Two side flaps



ME 6000+ Hopper capacity Max. mixing capacity Draining

6000 l 4800 kg Two side flaps **49** 

### The revolutionary drive concept for various applications & increased output.







### **Mixers Highlight**



Optimized unloading - New designed large unloading flaps - 50% increased unloading capacity

### Innovative drive unit

- Up to 90% less vibrations
- Reduced maintenance

Intelligent mixing concept - Verified by independent fluid analysis calculations using Al (artificial intelligence) / big data



### **Maximum** action radius, intensive mixing, especially variable

### Strengths and benefits

The new ME series combines the electrical synchronization of the intermeshing mixing shafts with an adapted discharge geometry and a powerful aeration system - for optimal and safe mixing. This produces an especially quick mixing, gentle handling of the product mixed and 50% faster unloading. A modern, intuitive operating system and technical support available worldwide increase convenience, reduce costs and thus round off the concept of the ME series perfectly.

#### Applications

Boiled, raw and cooked sausage Pâtés Mince and burgers Standardisation of raw materials Vegetables and salads Ham massage (Tumbler functionality)

### Options

Vacuum design CO2 or N2 cooling Water dosing Oil dosing Cooking / cooling device ME 500 N ME 1000 N ME 500+ ME 750+ ME 1000+ ME 1500+ ME 2000+ ME 3000+ ME 4500+ ME 6000+



Machines	Mixing vessel in litres	Max. fill volume in kg	Draining
ME 130 N	130	110	Tilting
ME 250 N	250	200	Tilting
ME 500 N	500	400	Tilting
ME 1000 N	1.000	800	Tilting
ME 500+	500	400	One side flap
ME 750+	750	600	One side flap
ME 1000+	1.000	800	Two side flaps
ME 1500+	1.500	1.200	Two side flaps
ME 2000+	2.000	1.600	Two side flaps
ME 3000+	3.000	2.400	Two side flaps
ME 4500+	4.500	3.600	Two side flaps
ME 6000+	6.000	4.800	Two side flaps

### **Mixers Advantages**



### **Revolutionary mixing concept**

- Electrical synchronization of the two intermeshing mixing shafts
- Combines the advantages of adjacent and Reduces training effort and intermeshing mixing shafts improves mixing result



### Intuitive operating concept

- Modern, easy machine operation
- Swivelling, modern touchscreen
- operator errors



### Minimal maintenance costs

- Proven and sophisticated machine concept
- Minimised cleaning times, downtime and costs



### Hygienic trough geometry

- Simple, smooth trough geometry without dead spaces minimises contamination and reduces cleaning effort
- Guarantees highest product quality



### Sophisticated cleaning system

- Complete cleaning of the machine possible thanks to well-thought-out,
- detailed solutions
- Reduces cleaning time



### LASKA HD Standard (+Series)

- Hygienically perfectly designed surfaces, polished weld seams and precisely sealed joints
- Up to 5x reduction in contamination (compared to glass bead surfaces)
- Reduces cleaning effort by up to 35%

### **Mixing Machines Configuration Options**

Basic Features	<b>ME Series</b>
Touchscreen Display	
Temperature Display	
Hygienic Design "Basis"	
Hygienic Design "Plus"	_
Interior ventilation with filter	
Control cabinet - painted	
Control cabinet - stainless steel	
LASKA Telediagnostic service system	
Hinged cleaning step	
Cleaning platform inl. protective grid	_
Safety Features	
Safety rope - required for CE	
Safety rails - required for CE	_
Hygiene	
UV-C sterilization	-
Vacuum Pump	
Pump available in different versions	
Additional Features	
Direct or indirect cooking	_
Direct or indirect cooling	_
Oil dosing	
Water dosing	
Oil dosing plus water dosing	_
Automatic filling system	
Automatic unloading with fill level sensor	
Mixing shaft drive	
Standard version	
Heavy Duty	
High Speed	
Automation	
Automatic mixing control - MA 1	
Automatic mixing control - MA 20	
Automation plus	
Programme Control - PMS MIDI	
Programme Control - PMS MAXI	
Line integration Features	
Interface for line integration	_
Weighting system	_
Increased unloading height - 1,000 mm	_

### **Mixers Options**

### Needs are different. Too different.

ME Series +

П

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> П П

П

 The needs of our customers arise from the products they produce and the individual production processes and requirements. In order to cover all the needs of our customers and always offer the optimal solution, we have decided to develop and offer two product lines for mixing machines: Basic and + (Plus).



Sample product unloading times	Filling level	ME 1500(+) [min]	ME 3000(+) [min]
Minced Meat	70%	2,0	2,0
Boiled Sausage	80%	4,0	4,0
Kebap	70%	4,0	4,0

Unloading times depending on individual recipe.





130 I

110 kg

tilting

ME 130 N Hopper capacity Max. mixing capacity Draining

ME 250 N Hopper capacity Max. mixing capacity Draining



ME 1000 N Hopper capacity Max. mixing capacity Draining

1000 l 800 kg tilting

### **Tiltable Mixers Overview**



250 I 200 kg tilting



ME 500 N Hopper capacity Max. mixing capacity Draining

500 I 400 kg tilting



Scan the QR code to follow the link to see our machines in action!

### **Tiltable Mixers Advantages**



#### Innovative mixing arm geometry

- Maximum mixing range thanks to innovative mixing-shaft geometry
- Improves mixing, guarantees a
- homogeneous product and reduces batch time



### Continuously variable mixing shaft speed

- Continuously variable mixing shaft speeds for excellent adaptation to mixture
- Prevents over-mixing of product, guarantees gentle mixing



### **Optimum unloading**

- Fastest emptying of the mixing trough thanks to tiltable container and rotating mixing arms
- Increases output



### Double-sealed

- Sophisticated sealing concept for the feeder screw and working screw protects the product and drive side
- Easiest cleaning for maximum hygiene



#### Optimised mixing

- Uniform and rapid mixing results with sensitive and dense products, and with no loss of quality (e.g. poor binding)
- Guarantees high product quality



### Z-shaped mixing arms

- Optimum mixing arm shape for gentle mixing of tough products
- Guarantees high product quality



### Automated process control (PMS)

- Creation, storage and automation of recipes and production lists
- Maximises flexibility and increases operating convenience



### **Cooking and cooling facility**

- Warming, cooking, cooling or maintaining a constant temperature; no unwanted dilution due to enclosed steam or cooling system
- Increases effciency in the operating process



- Rapid heating of mixing material by direct steam injection into the trough through the rustproof mixing-trough lid - Shortens process times



### **Tiltable Mixers Options**



### **High power drive**

- Higher drive performance for specific
- customer requirements
- Enables a wider product range



### **Production Management System (Maxi)**

- Up to 999 recipes can be taught in or programmed directly; process data storage for documentation purposes
- Maximises flexibility and operating convenience

### Heating and cooking facility



### CO2 or N2 refrigeration

- Optimum, gentle cooling during production processes, through nozzles in the base or cover for CO2, through nozzles in the cover only for N2
- Standardisation and automation with consistent product quality



### Performance Data

Values for reference only

	ME 130 N	ME 250 N	ME 500 N	ME 1000 N	ME 500+	ME 750+	
Blending of other products							
Batch weight (kg)	40 - 100	80 - 200	160 - 400	300 - 800	150 - 400	225-600	
Mixing time (min)	2 - 4	2 - 4	2 - 4	2 - 4	2 - 4	2 - 4	
De-aeration of emulsion/VAC							
Batch weight (kg)	40 - 100	80 - 200	160 - 400	300 - 800	150 - 400	225-600	
Mixing time (min)	2	2	2	2	2	2	
Dry sausage							
Batch weight (kg)	15 - 50	30 - 100	60 - 200	120 - 400	60 - 200	90-300	
Mixing time (min)	1 - 3	1 - 3	1 - 3	1 - 3	1 - 3	1 - 3	
Massaging of ham							
Batch weight (kg)	91	175	350	700	350	525	
Batch time (h)	8	8	8	8	3,5	3,5	

	ME 1000+	ME 1500+	ME 2000+	ME 3000+	ME 4500+	ME 6000+
Blending of other products						
Batch weight (kg)	300 - 800	450 - 1.200	600 - 1.600	900 - 2.400	1.400 - 3.600	1.800 - 4.800
Mixing time (min)	2 - 4	2 - 4	2 - 4	2 - 4	2 - 4	2 - 4
De-aeration of emulsion/VAC						
Batch weight (kg)	300 - 800	450 - 1.200	600 - 1.600	900 - 2.400	1.400 - 3.600	1.800 - 4.800
Mixing time (min)	2	2	2	2	2	2
Dry sausage						
Batch weight (kg)	120 - 400	180 - 600	240 - 800	360 - 1.200	540 - 1.800	720 - 2.400
Mixing time (min)	1 - 3	1 - 3	1 - 3	1 - 3	1 - 3	1 - 3
Massaging of ham						
Batch weight (kg)	700	1.000	1.400	2.100	3.150	4200
Batch time (h)	3,5	3,5	3,5	3,5	3,5	3,5

### **Mixers Performance Data**





# **Emulsifiers**

Innovative solutions minimise maintenance costs with the highest product quality.





FZ-175H Perforated disk Ø 175 mm Cutting blade speed 3600 rpm Maximum throughput rate 5.500 kg/h FZ-225H Perforated disk Ø Cutting blade speed

### Performance Data

Values for reference only

	FZ 175-H	FZ
Boiled sausage products		
Max. hourly output (kg/h)	4.000 - 5.000	10.00
Cooked sausage products		
Max. hourly output (kg/h)	4.500 - 5.500	11.00

### **Emulsifiers Overview**



Maximum throughput rate 12.000 kg/h

225 mm 3600 rpm



Scan the QR code to follow the link to see our machines in action!



225-H

00 - 11.000

00 - 12.000



### Very low cutting head wear, stable and fine emulsions, easy handling

#### Strengths and benefits

The emulsifier enables production quantities in the medium and high ranges and can be incorporated extremely well into many kinds of production processes. A variety of perforated discs and the innovative control concept determine the fineness of the meat produced and guarantee continuous, even processing results with low material wear. The emulsifier can be integrated into production lines.

#### Applications

Boiled sausage Cooked sausage Pâtés Vegetables Cheese and much more...

### Machines FZ 175 FZ 225

### h more...

**Options** Special magnet Automatic temperature control Ergonomic transport trolley



Perforated disk Ø in mm	Throughput in t/h	Motor power in kW
175	2,5–8	90
225	5–15	132
	Perforated disk Ø in mm 175 225	Perforated diskThroughputØ in mmin t/h1752,5-82255-15

### **Emulsifiers Advantages**



### Hygienic product area

- Lowest roughness values of the installation space
- Minimises contamination and reduces cleaning work



### **Closed machine base**

- Minimises penetration of moisture or foreign bodies into the machine interior
- Reduces contamination and cleaning work



- Ventilation system integrated in the machine housing, decoupled from the knife drive

LASKA



### Special magnet

- Complete removal of tiny metallic abrasion from highly sensitive products such as babyfood thanks to a strong magnet
- Guarantees optimum product quality



### Easy handling

- Quick-release fastener for cutting set lid with optimum geometry
- Reduced actuating force



### Replaceable knife blades

- Use of three or five interchangeable knife blades possible
- Reduces set-up times



### Data recording

- Data continuously recorded (temperatures, current consumption and cutting set wear)
- Optimises process flows and improves traceability



### Ergonomic transport trolley

- Simpler cleaning and convenient storage option for cutting sets and locking nut
- Makes for easier maintenance and shorter cleaning time

### **Emulsifiers Options**



### Automatic temperature regulation

- Constant processing temperature and free selection of final temperature of the sausage meat with electrically controlled valves
- Increases operating convenience and boosts product quality



### Fully automatic sausage meat distributor

- Automatic filling and distribution of the sausage meat onto multiple weighing trolleys
- Optimises the workflow and increases productivity



# Frozen meat cutters

High-performance construction guarantees optimal cutting for efficient further processing.





Block cross-section Processing temperature > -25 °C Max. throughput 5000 kg/h

G 530

G 740 520 x 300 mm



GFS 620 Block cross-section Processing temperature Max. throughput

600 x 380 mm > -20°C 10000 kg/h

### **Frozen meat cutters Overview**





700 x 400 mm > -25 °C 12000 kg/h



### GS 510

Block cross-section Processing temperature Max. throughput

500 x 300 mm > -15°C 4000 kg/h



Scan the QR code to follow the link to see our machines in action!



### **Extremely robust**, outstanding cutting performance and high hourly output

#### Strengths and benefits

The frozen meat cutter can be used for frozen meat and other frozen foods. Adjustable cutting forces and heights allow individual adjustment to the product, with low application of force and the greatest possible cutting performance. Its gentle functioning extends the life span of the machine.

#### A

Applications		Block cross-section	Processing	
Meat	Machines	(W x L) in mm	temperature in °C	Cutting method
Fat	G 530	520 x 300	> -25	Guillotine
Vegetables Fruit and much more	G 740	700 x 400	> -25	Guillotine
	GS 510	500 x 300	> -15	Bowed knife
	GFS 620	600 x 380	> -20	Cutting teeth

#### Options

Horizontal feeding lifting platform 5 cross-cutting knives Hygienic inclined conveyor belts Metal detector



### **Frozen meat cutters Advantages**



### **Robust cutting teeth**

- Highly durable, re-grindable cutting teeth
- Extends the machine's service life and reduces idle times



#### Maximum hygiene

- Polished solid high-grade stainless steel surfaces
- Minimises impurities and reduces cleaning time

### **Durable belt drive**

- Durable, quiet-running and lowmaintenance drive
- Minimises operating noise





#### Low maintenance bow knives

- Bow knife for raw sausage production ensures smooth cuts without pulling out sinews and tendons
- Improves product quality and lowers costs Enables a wider product range



### Adjustable rake

- Easily adjustable rake in the hopper for optimum material supply
- Increases output



### User friendly cleaning hatches

- Easily accessible cleaning opening for quick, thorough cleaning of the
- cutting drums - Reduces cleaning time



### **Closed base plate**

- Protects internal components against contamination
- Prevents impurities and reduces cleaning time



### Height adjustable inclined conveyor belt

- Optimised filling of cutting chamber thanks to continuous loading with optional light barriers possible
- Maximises operating convenience and increases output
- increases output

### **Frozen meat cutters Options**



### Narrow-cut toothed discs

- 20 narrow-cut toothed discs with a depth of 30 mm each (instead of 16 discs with a depth of 38 mm) for smaller pieces



### **Metal detector**

- Detects metallic foreign bodies associated with conveyor belt loading
- Guarantees high product quality



### Loading rocker

- A rocker makes it easier to load blocks of frozen meat
- Maximises operating convenience and



### Performance Data

Values for reference only

	G 530	G 740	GS 510	GFS 620
Frozen meat				
Temperature (°C)	-20	-20	-15	-20
Max block cross section (mm)	520 x 300	700 x 400	500 x 300	600 x 380
Cutting width (mm)	25 - 60	25 - 75		
Piece size (mm)			ca. 130 x 80 x 25	ca. 80 x 40 x 35
Output (kg/h)	up to 5.000	up to 12.000	up to 4.000	up to 10.000

### Frozen meat cutters Performance Data





Production lines that ensure the usual high product quality.

# Production lines





# Increase output. Cut costs.

**Optimum results at** the push of a button.

If you choose a LASKA production line, high-precision production of processed foods is easy. Lines from LASKA produce fully automatically and, if required, can also autonomously test the condition and quality of the goods produced. You have full control of production at all times with only a small amount of work.

An automated production line is highly efficient: the output is significantly higher than that of manually operated machines. Furthermore, the line solution cuts staffing costs and uses raw materials exactly as specified in the recipe. You can rely on no material being wasted.

### **Production lines Advantages**



### Increase output. Cut costs.

#### Absolutely hygienic. Longer shelf life.

The new hygienic design ensures maximum purity in your production process. In addition, hardly any human interventions are needed, further reducing the risk of contamination. The effect of this is that your products have a much longer shelf life than before.

### Automate processes. **Digitalise production.**

Automated production lines from LASKA are compatible with existing IT systems. In practice, this means that you can link your recipe management or ERP system directly with production. The lines can also be flexibly extended or modified at any time.

LASKA is your partner of choice if you aim to automate to optimise. LASKA production lines improve quality and increase output while cutting costs – thanks to years and years of experience and the professionalism you expect.



Scan the QR code to follow the link to see our machines in action!



### Automated feed

Raw materials, water and flavourings are mixed together exactly as specified in the recipe to meet your requirements



State of the art materials handling Screw conveyors, conveyor belts and pumps



Intuitive operation Using 21.5" touch screen and userfriendly interface



**Strict x-ray view** On Excellence Line only: diagnostic equipment monitors the materials





### **Boiled sausage line**

- Conveyor belt FBV
- Meat Master
- Conveyor belt FBK
- WWB 300-H
- Screw conveyor SF
- ME 3000+
- FZ 225-H
- 24" touch screen

### Raw sausage line

- WW200-H
- Conveyor belt SF
- Raw sausage spreading device RS
- Conveyor belt SF

- Salt dosing unit
- ME 2000+

- - batches. The grinder starts the processing as soon as the fill level is above the minimum setting.
  - The conveyor belt transfers the product to the raw sausage spreading device RS, from where it is transported to the mixing machine by another conveyor belt with attached salt dosing unit.
  - · As soon as the material has reached the salt dosing unit, the operator presses a button, and the preset amount of salt is added.
  - · When filling the mixing machine, the mixing arms are started automatically to ensure even distribution.

### **Production lines Case studies**

### Process Fully automated with line touchscreen:

- Order chain reports ready.
- The order (incl. recipe) is selected at the line touch screen.
- Starting the order at the line touch screen: conveyor belt starts.
- The operator feeds the raw material onto the conveyor belt in batches.
- The material is fed through the downstream Meat Master. This determines fat, water, protein, and weight for optimal use of raw material components and detects foreign objects in the material.
- · The downstream conveyor belt removes the foreign bodies and transports the raw product into the grinder.

### Automated process without line touchscreen:

• When the order chain reports ready, the readiness of the processing machines is indicated by the yellow signal lamps. • The material is fed to the WW200 in

- The grinder WWB 300-H starts the process as soon as the fill level is above the minimum setting. Even before the grinder starts, the screw conveyor downstream of the grinder starts automatically. The screw conveyor transfers the material into the mixing machine ME 3000+.
- · The end of the mixing process (ready for emptying) is displayed on the line touch screen. By pressing a button on the line touch screen, the end of the process is confirmed.
- Emptying of the material into a LASKA FZ 225-H emulsifier controlled by a level sensor is started until the entire batch has been emptied and completely processed by the emulsifier.
- · As soon as the entire batch is loaded into the mixing machine and the grinder is at a standstill due to the idle shutdown, the conveyor belts and the raw sausage spreading device are emptied completely.
- · The operator activates the required recipe at the mixer ME 2000+.
- · The operator is informed via the touchscreen of the mixing machine to add the relevant additives manually and then confirm the addition on the touchscreen.
- The end of the mixing process (ready for emptying) is confirmed by pressing a button on the touchscreen.
- · Once the mixing process is complete, the material is emptied into the 200L trolleys.



# The pinnacle of hygiene.



#### Hygienic design

The new hygienic design of future LASKA machines is the answer to consumer demands for more stringent hygiene regulations. The cleaning possibilities are now easier and save time.





LASKA only fits polished surfaces; bacteria don't stand a chance here. Surfaces are also chamfered so that water can run off after cleaning and the machine remains clean without any residues.

### **Hygienic** Design





### **Double-sealed**

Wherever food is conveyed and processed, the machine room is double-sealed. Both on the drive side and the product side. The intermediate room is easy to clean from the outside using a hose.

### Conveyor belt

Smooth belts have a wiper at the end to ensure optimum hygiene during processing. The gearing is hidden hygienically in the drum to save space.





### **Base feet without thread**

Instead of a thread, the base feet on all new developments are now smooth in order to prevent any possible impurities.

### **Interior hinges**

Where required, hinges will be installed on the inside in future. This means there is literally nothing to get in the way of hygienic cleaning.

# Confectionery and pastry



### **Application Rework process**

**LASKA** machines are used both to cut and mix raw materials for further processing and to rework already finished products.

- Fruit and power bars
- Cookies
- Marzipan
- Yeast
- Rework

Country: Product: Machines: Output:

Germany Muesli bars Supercutter Plus KUX 500 VK.AC Vacuum 4,5 to per day



When LASKA engineers modified a vacuum cooking bowl cutter for a client from the confectionery industry, for example, they ensured that factory seconds generated during the manufacture of chocolate products containing caramel could flow back into the manufacturing process as fully-fledged components. The Supercutter Plus KUX 500 VK.AC Vacuum is used to crush, dehumidify and liquefy the material.

After additives are mixed in, the process sequence is fully automated. The mass is then heated in a vacuum, chopped again, cooked and dehydrated. The final process step then sees the prepared mass cooled to the optimum storage temperature and removed, with the empty bowl then being prepared for the next rework process.

# Pet food



### **Application Pet food**

LASKA machines are used in the majority of pet food production processes. They cut and mix the various raw materials.

- Wet food
- Dry food
- Snacks

Special requirements of the project: Frozen meat blocks, MDM, remaining cooking separately up to 32°, temperature minus 18°

- unloading flaps.

Country: Product: Machines: Output:

Russia Pet food WWB300; ME1500; FZ225 inline 5.500kg/h

• WWB300 shredding on end hole disc 8mm without clogging of bones. • Mixing machine ME1500+: Very tough and thick material. Good, homogeneous mixing, quick unloading thanks to special smooth surfaces (Ra 0.8) and two

• FZ225H Inline, with bunker and sine pump: Very tough and thick material. Further conveyance possible directly from FZ225H inline to the customer's system.



# Soups and sauces



### Application Sauces

When producing intermediate or end products that either require maximum fineness or as uniform a mixture as possible, LASKA cutters and mixers are your machines of choice. The customer's requirement was to achieve cold emulsification of vegetable sauces. The base material, frozen vegetables, must be emulsified into a uniform sauce product with ingredients such as various fat or oil additives, protein, spices, etc. in the negative temperature range.

- Soups
- Sauces
- Pizza toppings

Country: Product: Machines: Output:

Poland "Gourmet fillet" KU 750; KU 500 up to 4t/h



A very important criterion is the product structure because pieces of vegetables in the sauce must be clearly visible. This product is then dosed in precise portions and shapes. The final product is a frozen ready meal with fish.



# Meat and cooked meat products



### **Application Minced meat**

Fresh or frozen meat -LASKA machines will process both to end or intermediate product easily.

- Minced meat, fine and coarse
- Boiled sausage
- Cooked sausage
- Cured sausage

The production of minced meat products like burgers and consumer packages can be realized in a smart and efficient way and exactly according to the requirements of the customer. Prepared raw material enters as fresh meat or as frozen blocks in the universal Supergrinder LASKA WWB200H and comes out grinded at 5 mm. A gentle and efficient transport is achieved with the LASKA belt conveyor FBS6065 into the mixer ME1500 equipped with vacuum and cooling gas injection. An integrated LASKA NIR analyser assures the correct

USA Country: Product: Machines: KU330V with cooling Output: 2.500 kg/h

Minced meat products WWB200H; FBK6065; ME1500 with cooling;

ratio between lean and fat material and with cryogenic gas cooling, the outcoming meat temperature can be exactly adjusted in order to have in the next step of production best forming results. A LASKA vacuum bowl chopper in the same production area gives total flexibility to produce a wide variety of products like breakfast sausages, hot dogs and much more.

LASKA 111

WWB200H

# **Fish and** seafood



### **Application** Fish

LASKA machines will cut fresh or frozen fish to any size desired and process the resulting product.

- Fish balls
- Surimi
- Spreads

Country:	Singapore
Product:	Various fish products ·
	Fish Balls, Fish Cake,
	Fish Tumplings, etc.
	(lately also meat
	products)
Machines:	KU/KUX 330V;
	W/WW grinders
Output:	KUX 330 V: 2.400 kg/h

The customer in our example is a local manufacturer of processed fish - especially fish balls, which are used in the classic Asian soup - with an operation in Singapore. As part of its expansion policy, the owner and her management visited the IFFA 2007 trade fair in Frankfurt to view modern processing machines. The customer decided to purchase a LASKA vacuum cutter KU 330 V. After putting his first LASKA cutter into operation, the customer was quickly convinced that this LASKA vacuum cutter had considerable advantages over his vacuum cutters from another Central European manufacturer - both in terms of technology (better product quality due to higher fineness and

better bonding) and increased productivity considerably shorter batch times. Over the years, this customer has used various other LASKA vacuum cutters KU or KUX 330 as well as LASKA grinders - firstly to replace its "non-Laska cutters" and secondly to increase its production capacities. Today the company has several production plants and produces a large number of fish products - in addition to the traditional fish balls, also fish cake, fish dumplings, fish paste, etc.) as well as vegan products and meat products (especially chicken). These products are now marketed in many markets in SE Asia, but also in the Arab markets and even overseas.



# High temperature products



### Application Sausages

Fresh or frozen meat – LASKA machines will process both to end or intermediate product easily.

- Boiled sausage

Country: Product:

Machines:

Output:

- High temperature sausages

PR China "High Temperature Products" 3x WWB 300; 2x ME 4500 V and 2x I-FZ 225 (Inline-FZ) as well as various bunkers/ silos and transport systems such as conveyor belts, screw conveyors and pump systems Up to 12 t/h – with a daily production of 20 hours (4 hours of cleaning of the entire line) 7 days a week



The customer's requirement was an automatic production line for the production of three high temperature products (Tiger Sausage, Partner Sausage and Sweet Sausage) with the objectives:

- Saving personnel costs and simplifying/ automating the manufacturing process
  Standardization of product qualities (including line integration of various X-ray)
- analysis systems)
- Connection to the company's MES / ERP system, to optimize raw material and end product planning as well as their traceability for QA

- Flexibility of the production line in terms of producing these 3 different end products
- Maximum reliability and redundancy of all line components in relation to the required "24/7 production"
- Maximum hygiene and easy and quick cleaning of the production line

All well-known Western manufacturers tried to close this important reference project. After months of on-site testing, the customer finally decided on the line solution from LASKA.

### **Rely on LASKA – at any time,** anywhere in the world

our ton priority, so LASKA operates an internationa

LASKA machines are technically brilliant unlike any other while remaining uniquely reliable. So it's hardly surprising that thousands of them are running all over the world, to the utmost satisfaction of our customers. To keep up this satisfaction over decades, LASKA offers global, comprehensive after-sales service.

### **Proactive maintenance &** guaranteed spare parts supply

LASKA also believes firmly in proactive maintenance. Proper servicing and regular inspections prevent major problems from occurring in the first place. For our customers, this means enjoying minimal downtimes, maximum efficiency and optimised cost of operation. And if you do need to get something repaired, LASKA's huge stocks guarantee rapid availability of any spare part in genuine manufacturer's quality. LASKA even guarantees that the spare parts you need will be available for a minimum of 25 years.

#### Training & commissioning

LASKA has a constant offer of training and courses for all customers and sales partners, either on-site in Traun or at one of the global sales offices. Our highly qualified service technicians as well as the sales partners active all over the world receive regular professional training themselves to stay upto-date on all products and innovations. This way, optimal consultation and good service on-site are guaranteed throughout.



### **After sales** service







### AHEAD/ The LASKA Promise

### Uncompromising focus on the customer

Progressive hygienic design

Limitless modularity

Intuitive operation

Maximum efficiency We put the customer at the centre of everything we do at LASKA. Full stop. We are the reliable partner who takes care of everything. Always. We see to it that new machines are immediately ready for use. Guaranteed. And with us, production flows as it should. Smoothly. This is why you are always in good hands with LASKA. And one step ahead.

LASKA surpasses legal requirements and constantly sets new standards when it comes to hygiene. The close cooperation we have with renowned research institutes yields groundbreaking innovations that drive progress in the entire industry.

Each individual LASKA machine can be connected with others to form a production line - today, tomorrow or in the future. Customers find it easy to expand their operations - so they always stay ahead of the pack.

It's child's play to operate a LASKA machine. Our systems are so clearly designed that they are completely intuitive to use. This means that our customers can concentrate entirely on their main task, food production.

Reliability has top priority in food production. LASKA machines guarantee minimum downtimes and maximum efficiency thanks to the highest engineering and production quality.



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