



# INDUSTRIAL EQUIPMENT

PRODUCT CATALOGUE

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 **APITAL**

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# ABOUT US

**APITAL** is an unique Croatian enterprise specializing in manufacturing stainless steel equipment and structural steels constructions.

In manufacturing facility of 900 m<sup>2</sup> area we create:

- Beekeeping equipment and constructions,
- Foodstuff processing equipment with a special focus on fruit processing (primary fruit processing),
- Packaging and filling equipment for variety of products,
- Other accessory equipment.

Our diverse product range enables us to equip complete facilities for various purposes.

Specialists in mechanical engineering, electrical engineering and information technology care for our manufacturing process, achieving synergy and ensuring our ability to deliver even the most complex machines.

Our focus on high quality and sustainable production is testified by our ISO 9001 and ISO 14001 certificates.



# INDUSTRIAL COOKERS

We manufacture **atmospheric** & **vacuum** cookers of various capacities and purposes which are used in wide array of industries including food, pharmaceutical and chemical industry. Cookers are made of stainless steel which ensures longevity, corrosion resistance and simple maintenance. All our cookers are designed to achieve high efficiency of cooking, mixing and processing. They can be adjusted according to specific customer needs.

- Capacity per request
- Jacketed design for uniform heating
- Teflon blades inside cooker enable uniform mass mixing which prevents product sticking and burning
- Cookers can be adjusted to specific customer's needs, which includes system of blade swapping, capacity and method of emptying (by butterfly valve or cooker tilting)
- Option of mobile design



# HEATED JACKETED TANKS

Heated jacketed tanks are designed for food processing uses which require precise heating and mixing. Digital thermoregulation enables accurate temperature adjusting of heated and heating mediums which ensures uniform heating and optimal temperature during the process.

Made entirely of food processing industry compatible stainless steel which ensures longevity and corrosion resistance. Electrical components of renowned manufacturers are used, ensuring reliability, longevity, high quality and work safety.

Optional applying of thermal insulation can be done to ensure heat loss reduction which optimizes energetic efficiency of machine and temperature stability.



# MIXERS

Mixers for various industrial processes, including food and chemical industry, are made from stainless steel AISI 304 ensuring longevity and easy maintenance.

With dumping functions for simple emptying and the option of automatic dosing for easier produce packaging, these mixers enable efficient mixing of mixtures such as dough, pollen patties and minced meat. They are available in various capacities and are adjustable.





# LIQUID MIXERS (syrup, honey and other liquids)

Mixers are designed for effective liquid mixing, with attachment for IBC containers and adjustable attachment for containers of various dimensions. Blades expand during rotation, and mixer can be equipped with variable-frequency drive for precise speed control, spiral blades and additional features for specific purposes. Mixers can be delivered with a container which has an outlet and a pedestal.



# PACKAGING MACHINE

It offers precise and efficient packaging of products such as nuts, legumes, cereals and pasta. With electrical and pneumatic drive it enables stable operation with weight measuring span from 20 g to 2 kg. Operation is semi-automatic. Mass dosing is adjusted by a digital regulator. Packaging process is carried out in two speeds. The machine automatically slows down upon reaching set mass to enable high precision.

Filling is actuated by a press of the foot pedal. Optionally more units can be connected or integrated with a conveyor for continuous filling. Ideal for manufacturing processes that require reliable and flexible solution for packaging.





# CONVEYORS

Conveyors enable automation and efficiency in material transport from various work positions. This ensures continuous product flow from one process phase to another.

- Conveyors for various purposes
- Elevators
- Inspection table with conveyor
- Rotating round table
- Roller conveyor
- Workbenches and work positions with electronic weight scales and LED lights



# MACHINES FOR WASHING

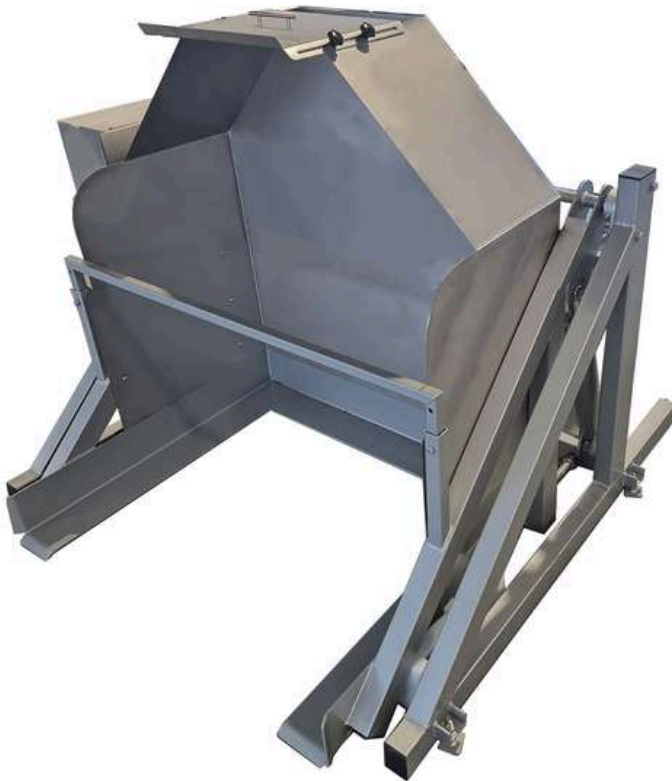
Multi-purpose machines with adjustments for wide product range.

- Batches or continuous
- Washing of soft and hard produce
- Removal of impurities, earth residues and pesticides
- Adjustable modules for various product types



# DUMPER

Made from robust structure of stainless steel or structural steel which ensures longevity. Trough for box placing ensures simple and safe load manipulation. Hydraulic cylinders modified for the load enable precise lifting and emptying of boxes with fruits & vegetables. Maximum load of the dumper is 1000 kg.



# MULTI-PURPOSE INDUSTRIAL TROLLEYS

We manufacture various trolleys for transport modified for industrial needs. Our trolleys are tough, practical and ideal for safe and simple material manipulation inside of manufacturing spaces.



# INDUSTRIAL PASTEURIZING MACHINES

High-quality pasteurizers ensure safety and longevity of food produce by preserving their nutritional values and natural taste. They are designed for wide range of uses and can be adjusted according to the needs of Your production.

- for liquid products
- for jars and bottles
- ✓ Modular design – option of modifying capacity and functionality
- ✓ Materials of high quality – stainless steel for longevity and hygiene
- ✓ Automated work – precise temperature regulation and pasteurizing period



# MIXING CONTAINERS

These containers are ideal for storage and mixing of liquids. Mixer is placed on the top side of container. This ensures uniform and efficient liquid mixing, preventing residue settling and high quality of products.

Container is made from high quality stainless steel which ensures longevity and easy maintenance. For extra precision and control container can be equipped with a level gauge for monitoring liquid level. Equipped with outlet valve which ensures simple container emptying. This product is perfect for industries which require safe and efficient mixing of liquid products with high standard of hygiene and functionality.





# FILLING MACHINES

Made of high quality stainless steel which ensures longevity, corrosion resistance and easy maintenance. Filling machines are designed for wide range of products, from low to high viscosity liquids such as creams, jams, sauces and other high density masses.

Option of level gauge, pump connection and filling height regulation.



# WORKBENCHES AND SHELVES

We manufacture workbenches and shelves from structural steel or stainless steel AISI 304 or AISI 316, depending on industry needs. Dimensions and design are done per customer's query, ensuring functionality, strength and longevity in work conditions.



# PUMP FOR THICK MASSES AND LIQUIDS

Rotating wing pump made from stainless steel AISI 316 is designed for pumping high viscosity liquids such as honey, milk, sauces, jams, cosmetic creams and other viscous liquids.

The pump is ideal for use in sanitary conditions and is simple for cleaning and maintenance thanks to the inside structure made without gaps. With capacity of 800 l/h and maximum pressure of 7 kg/cm<sup>2</sup> the pump is equipped with variable-frequency drive and the option of mobile or fixed design. This makes it ideal for industrial use.



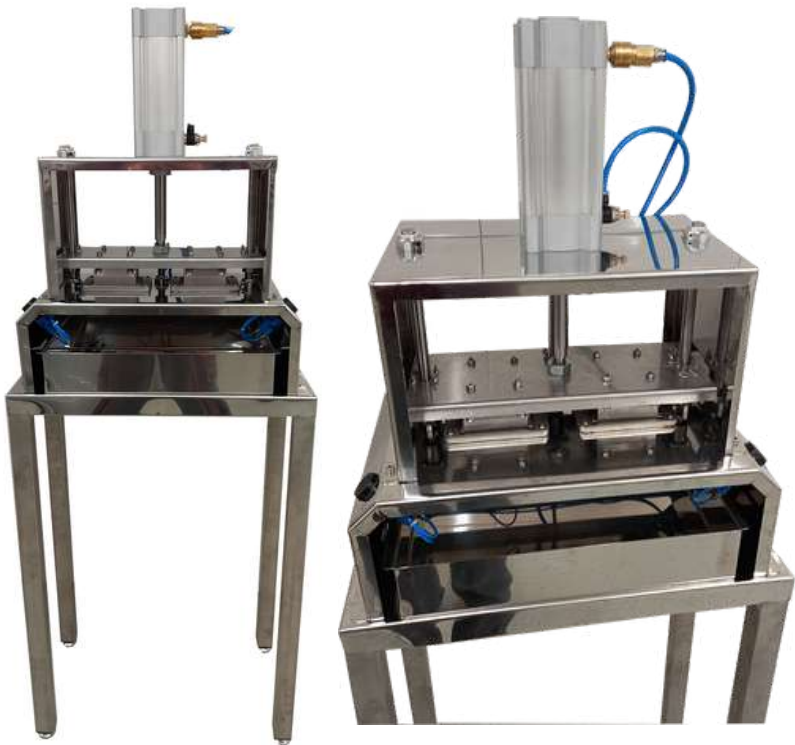
# BLANCHING & STERILIZING MACHINE

Blanching & sterilizing machine offers precise process control with digital regulation of water temperature. Electric heater with power of 6 or 9 kW enables efficient food processing. Machine's volume can be adjusted per customer's query. Made of stainless steel AISI 304 which ensures longevity and high corrosion resistance.



# PNEUMATIC SLICER

Pneumatic slicer for apple and pear cutting offers cutting of two fruits at the same time, which speeds up the preparation for further processing in industrial use.



# PRODUCE DRYER

Produce dryers of various capacities and purposes for industrial use offer high efficiency in drying process.

Digital control is done by the means of Siemens PLC with a touchscreen, ensuring accurate creation of temperature recipes in desired time intervals

Energy source for heating can either be electrical or natural gas. All parts that are in contact with produce are made from stainless steel AISI 304, ensuring longevity and easy maintenance.





# CARTS (with trays)

Carts made of high quality stainless steel are used for transport in industry, whether it's used for produce dryers, chambers and other manufacturing spaces. Carts are designed for simple relocation, and can be equipped with trays of various dimensions per order.



# REFERENCES



1000 + small family businesses

# COUNTRIES WE EXPORT TO





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A decorative orange swoosh graphic consisting of two curved lines that sweep upwards from the bottom left and then curve back down towards the right, framing the "MADE IN CROATIA" text.