# JuiceLine Pro ADVANCED

## Juice production line




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**APITAL d.o.o.** is a Croatian manufacturing company specializing in the **design and production of stainless-steel machinery and complete industrial solutions**.

## Our Production Program

We manufacture a wide range of machinery, including:

- Food processing machinery, with a strong focus on fruit processing
- Packaging and filling machines for various types of products
- Beekeeping machinery and custom constructions
- Auxiliary and custom-made equipment

## Complete Processing & Packaging Solutions

In addition to individual machines, we deliver fully integrated production lines, such as:

- Juice production lines
- Filling lines for juice, honey, and jams
- Honey extraction lines
- Automatic beeswax foundation machines

Our diverse product portfolio enables us to equip complete production facilities, from small-scale operations to industrial plants.

## Engineering Expertise & Quality

Our manufacturing process is supported by a multidisciplinary team of mechanical, electrical, and IT engineers, ensuring seamless integration, technical excellence, and the ability to deliver even the most complex and demanding systems.

Our commitment to high quality, reliability, and sustainable manufacturing is confirmed by our ISO 9001 and ISO 14001 certifications.

## Why choose APITAL?

- High performance. Sensible cost.
- Big enough to build complex machines. Small enough to listen and adapt.
- Designed for fast cleaning and easy maintenance.
- Simplicity is reliability. Fewer parts mean fewer problems.
- Designed to minimize footprint — because production space is a valuable resource.

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# JuiceLine Pro ***Advanced*** - Juice production line

The juice production line provides a complete, professional solution for the industrial processing of fruit and vegetables into high-quality juices. Designed for reliability, speed, and easy operation, it is the ideal choice for producers looking to increase capacity, improve product quality, and boost overall productivity.

Each part of the line is designed to deliver maximum efficiency, process stability, and operation in accordance with industry standards. Continuous raw-material flow, precise processing, and consistent product quality enable the production of both clear and cloudy juices with exceptional purity, flavour, and nutritional value.

Thanks to its robust construction and optimized technology, the line is ideal for producers who require a reliable and long-lasting system for processing larger quantities of fruit and vegetables. The system is engineered to simplify operation, speed up production cycles, and reduce operating costs while maintaining superior final-product quality.

We present a proposal for an advanced juice production line that includes all the necessary machines and equipment for complete processing—from raw material intake to a finished, ready-to-package product. The proposed configuration represents an optimal balance of efficiency, quality, and investment value.

**Technical specifications, capacities, and additional features can be customized to the customer's needs, making the line a flexible solution suitable for various production scales—from small facilities to large industrial operations.**

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# Example - Advanced version up to 1200 kg / h

## Line components - Advanced version

- ***BoxLift 1000*** - Bin tipper
- ***VisioBelt 150 Vario*** - Inspection conveyor
- ***ProMill 200B*** - Elevator with Mill and Bubble Washing
- ***JuicePress 800*** - Belt press for juice
- ***JuiceTank Mix 500*** - Juice tank with agitator 500 l
- ***Filter*** - OPTIONAL
- ***PasteurPro 300*** - Pasteurizer
- ***FastFiller 4 Auto*** - Bottle filler with auto. pump tank filling system
- ***BagInBox Filler*** - Bag-In-Box filling machine
- ***TwistCap*** - Jar capping machine with twist-off lid
- ***BottleChill 120*** - Cooling trough
- ***WorkTable 190M*** - Table with wheels
- ***InoxMaster Rack 200*** - Shelf 200 x 150 x 60 cm, 3 shelves

**Technical description:**

- Processing capacity: up to 800 kg/h - OPTION 1
- Processing capacity: up to 1200 kg/h - OPTION 2

**Utility requirements:**

- Electrical supply:
  - CEE industrial socket, 16 A, 3-phase
  - CEE industrial socket, 63 A, 3-phase for pasterization (alternative gas or diesel)
  - Schuko socket 230 V single-phase
- Water supply connection for washing
- Wastewater drainage system
- Compressed air (recommended 6 bar)

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***BoxLift 1000*** - Bin tipper



*“A robust steel frame with high-quality welded joints ensures high structural strength and long-term reliability.”*

*“The lifting basket made of stainless steel provides safe and hygienic contact with fruit and vegetables.”*

*“A powerful and reliable hydraulic system enables controlled lifting and unloading of larger product quantities with special safety feature.”*

*“Simple operation and high-quality surface finishing are designed for intensive daily use.”*

*“High build quality and premium materials reduce maintenance costs and extend the machine’s service life.”*

***VisioBelt 150 Vario*** - Inspection conveyor



*“The inspection conveyor is designed as a compact and efficient unit for controlled product flow during visual inspection.”*

*“Belt conveying ensures continuous, stable, and safe product movement while providing good visibility for inspection.”*

*“Adjustable working height and a flexible design allow easy integration into different production processes.”*

*“Simple and intuitive operation with the option of frequency-controlled belt speed enables adaptation to various operating requirements.”*

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**_ProMill 200B_** - Elevator with Mill and Bubble Washing



*“Integrated washing, conveying, and milling system in a single compact unit, designed for effective product washing and uniform fruit and vegetable processing.”*

*“Belt elevator ensures continuous and safe transfer of raw material from the washing stage to the milling stage, maintaining a stable material flow.”*

*“Integrated mill with interchangeable screens allows precise control of particle size for optimal mash quality.”*

*“Simple and intuitive operation with the option of frequency-controlled conveyor speed enables easy adaptation to different processing requirements. It can be easily detached when needed for special purposes.”*

**_JuicePress 800_** - Belt press for juice



*"Built from premium stainless steel and equipped with high-quality FESTO pneumatics, the machine ensures long service life and reliable performance."*

*"Thanks to the integrated drainage pump, the system enables fully automated and continuous operation without any manual intervention."*

*"A frequency inverter combined with automatic pneumatic belt tracking guarantees precise control, smooth operation, and exceptional process stability."*

*"Large-diameter rollers and an extended belt design deliver superior pressing efficiency and maximize juice yield."*

*"With intuitive controls, an integrated belt washing system, and a low-maintenance design, the machine ensures easy operation and reduced downtime."*

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***PasteurPro 300*** - Pasteurizer

*"The pasteurizer is designed for thermal processing of liquid products with efficient and controlled pasteurization."*

*"An integrated spiral tube inside the vessel enables efficient heating and reduced heat loss."*

*"Digital temperature control allows precise process regulation, while the compact design facilitates easy operation, cleaning, and maintenance."*

*"It can be used as a standalone unit or integrated into a production line, depending on user requirements."*




***FastFiller 4 Auto*** - Bottle filler with auto. pump tank filling system

*"The bottle filler provides a simple and reliable solution for filling liquid products into various types of bottles."*

*"A liquid level indicator enables precise filling control and consistent results."*

*"The option to connect a pump with automatic control allows for an efficient and controlled filling process."*

*"Adjustable filling height allows adaptation to different bottle sizes."*



***BagInBox Filler*** - Bag-In-Box filling machine

*"Electromechanical components from renowned manufacturers are installed to ensure high accuracy and long machine service life, with minimal maintenance requirements."*

*"Simple and intuitive controls allow quick adjustment of the filling process for different types of liquids and packaging capacities."*




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***TwistCap*** - Jar capping machine with twist-off lid

*“Pneumatic drive system equipped with premium FESTO components ensures smooth, reliable and consistent capping performance.”*

*“Simple and intuitive operation with quick height adjustment for different jar sizes - easy to learn and operate.”*

*“Adjustable design accommodates a wide range of twist-off lid diameters, offering flexibility for various packaging needs.”*




***BottleChill 120*** - Cooling trough

*"Fast, safe, and efficient cooling solution for jars, bottles, and similar products."*

*"Durable construction from high-quality materials for reliable performance in demanding conditions."*

*"Optimized trough design ensures easy handling and uniform cooling, ideal for agriculture and processing industries."*



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**Offer:**

| 1. | **Bin tipper** | **BoxLift 1000** | **Utility requirements** |
|---|---|---|---|
| | - load capacity | 1000 kg | CEE industrial socket, 16 A, 3-phase |
| | - complete stainlees steel | | |
| | - dimensions H × L × W | 1445 x 1630 x 1910 mm | |
| | - weight | 265 kg | |
| | - voltage | 400 V | |
| | - motor power | 1,5 kW | |
| | - fixed position | | |
| **2.** | **Inspection conveyor** | **VisioBelt 150 Vario** | **Utility requirements** |
| | - dimensions H × L × W | 780-990 x 1500 x 650 mm | Schuko socket, 230 V, singlephase |
| | - weight | 75 kg | |
| | - voltage | 230 V | |
| | - motor power | 0,37 kW | |
| | - fixed position | | |
| **3.** | **Elevator with Mill and Bubble Washing** | **ProMill 200B** | **Utility requirements** |
| | - capacity | up to 1000 kg / h | CEE industrial socket, 16 A, 3-phase |
| | - dimensions H × L × W | 1985 x 2800 x670 mm | Water connection |
| | - weight | 160 kg | Drainage system |
| | - voltage | 400 V | |
| | - motor power | 3 kW | |
| | - mobile with wheels | | |
| **4.** | **Belt press for juice - OPTION 1** | **JuicePress 800** | **Utility requirements** |
| | - capacity | up to 800 kg / h | CEE industrial socket, 16 A, 3-phase |
| | - dimensions H × L × W | 1250 x 1730 x 1060 mm | Water connection |
| | - weight | 450 kg | Drainage system |
| | - voltage | 400 V | Compressed air (recommended 6 bar) |
| | - motor power | 0,75 kW | |
| | - belt width | 500 mm | |
| | - belt speed max | 4,7 m/min | |
| | - fixed position | | |
| **4.1** | **Belt press for juice - OPTION 2** | **JuicePress 1200** | |
| | - capacity | up to 1200 kg / h | |

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| 5. | Juice tank with agitator 500 l | JuiceTank Mix 500 | Utility requirements |
|---|---|---|---|
| | - capacity | 500 l | CEE industrial socket, 16 A, 3-phase |
| | - dimensions H × D | 1320 x 795 mm | |
| | - weight | 50 kg | |
| | - side mounted agitator | side-mounted | |
| | - voltage | 400 V | |
| | - motor power | 0,37 kW | |
| | - fixed position | | |
| 6. | Filter - OPTIONAL | OPTIONAL | |
| | - mobile with wheels | | |
| 7. | Pasteurizer | PasteurPro 300 | Utility requirements |
| | - capacity | 300 l / h | CEE industrial socket, 63 A, 3-phase |
| | - dimensions H × L × H | 1500 x 900 x 900 mm | |
| | - weight | 150 kg | |
| | - voltage | 400 V | |
| | - heating power | 27 kW (3 x 9 kW) | |
| | - mobile | | |
| | - digital temperature control | +1 / -1 °C | |
| | - mobile with wheels | | |
| 8. | Bottle filler | FastFiller 6 | Utility requirements |
| | - tank capacity | 70 | Schuko socket, 230 V, singlephase |
| | - dimensions H × L × W | 1700 x 650 x 760 mm | |
| | - weight | 75 kg | |
| | - filling outlets | 6 | |
| | - auto. pump tank filling system | | |
| | - mobile with wheels | | |
| 8.1. | Bag-In-Box filling machine | BagInBox Filler | Utility requirements |
| | - capacity | 200 units (3l) / h | Schuko socket, 230 V, singlephase |
| | - dimensions H × L × W | 1500 x 85 x 80 mm | |
| | - weight | 80 kg | |
| | - voltage | 230 V | |
| | - mobile with wheels | | |
| 9. | Jar capping machine | TwistCap | Utility requirements |
| | - diameters | up to 160 mm | Compressed air (recommended 6 bar) |
| | - dimensions H × L × W | 650 x 340 x 395 mm | |
| | - weight | 20 kg | |
| | - drive | pneumatic | |
| | - mobile with wheels | | |

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| | | | |
|---|---|---|---|
| **10.** | **Cooling trough** | **BottleChill 120** | **Utility requirements** |
| | - dimensions H × L × W | 900 x 700 x 1200 mm | Water connection |
| | - weight | 70 kg | Drainage system |
| | - fixed position | | |
| **11.** | **Table with wheels** | **WorkTable 190M** | **Utility requirements** |
| | - dimensions H × L × W | 1900 x 80 x 80 mm | |
| | - mobile with wheels | wheels | |
| **12.** | **Shelf 200 x 150 x 60 cm, 3 shelves** | **InoxMaster Rack 200** | **Utility requirements** |
| | - dimensions H × L × W | 2000 x 1500 x 600 mm | |
| **13.** | **Miscellaneous** | | |
| | Consumables and related supplies for commissioning | | |

**Delivery Terms:** Ex works (pickup at our facility in Vrbovec) or delivery by agreement

**Typical lead time:** to be agreed

**Payment Terms:** 30% in advance, remaining amount before delivery

**Warranty period**: 2 years

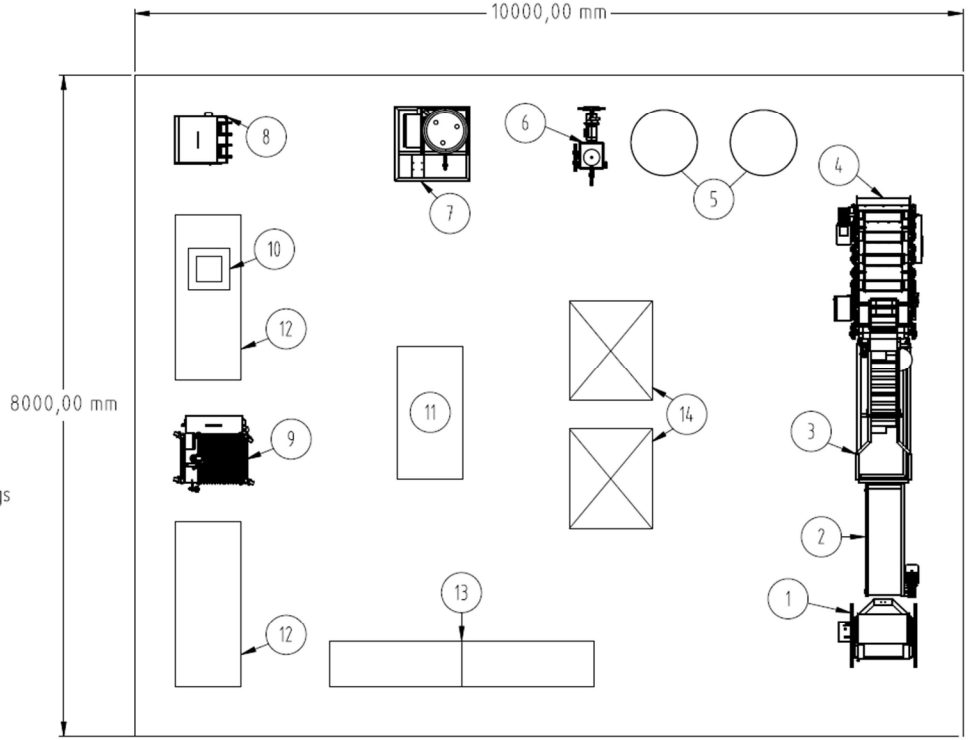
**Made in the European Union – Croatia, City of Vrbovec**

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# JUICE PRODUCTION PLANT

## LEGEND

1) Bin tipper
2) Inspection conveyor
3) Elevator with Mill and Bubble Washing
4) Belt press for juice
5) Juice tank with agitator 500 l
6) Filter - OPTIONAL
7) Pasteurizer
8) Bottle filler with auto. pump tank filling system
9) Bag-In-Box filling machine
10) Jar capping machine with twist-off lid
11) Cooling trough
12) Table with wheels
13) Shelf
14) Box pallet for storing cooled filled bottles or "bag-in-box" bags




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