
MACHINEX
New Mindset - New Value
PRODUCT 2025
CATALOGUE
MACHINEX VIETNAM JOINT STOCK COMPANY
www.machinex.vn
0247 309 1689

PRODUCTS & SERVICES

01. Beverage Production Lines & Equipment

02. Food Processing Production Lines & Equipment

03. Post-Harvest Processing Lines & Equipment

04. Essential Oil Distillation & Extraction Lines

05. Boiler Equipment & Auxiliary Thermal Systems

06. Industrial Robotics & Automated Packaging Solutions

07. Comprehensive Technical Services

08. Our Customers



BEVERAGE PRODUCTION

LINES & EQUIPMENT

Beverage Industry
Equipment

- Production lines for alkaline ionized water and bottled purified water.
- Carbonated beverage production lines: soft drinks, soda, energy drinks.
- Non-carbonated beverage production lines: plant-based milk, green tea, winter melon tea, aloe vera drinks, fermented fruit beverages.
- Integrated UHT–Aseptic solutions, covering sterilization, filling, and flexible packaging systems (bottles, cans, pouches, carton packs), combined with bottle rinsing, defect inspection, QR code printing, labeling, and date coding.









Alcohol Distillation
Systems

Machinex Vietnam's industrial alcohol extraction and distillation systems combine traditional fermentation expertise with advanced European multi-stage distillation column technology, delivering a pure, stable alcohol production process that meets international standards. The fully integrated and highly automated production lines help optimize operating costs, ensure stable operation, and significantly enhance productivity.

Functions & Advantages

- Closed-loop production process: raw material handling – cooking / saccharification – fermentation – distillation – aging – fine filtration – blending – filling – packaging – storage.
- High level of automation, reducing labor requirements and ensuring stable, continuous operation.
- Effective removal of harmful impurities, including methanol, aldehydes, and fusel oils.
- High-purity ethanol production up to 96% v/v, suitable for base alcohol manufacturing.
- Preserves the natural aroma and flavor of raw materials while fully complying with international quality standards.
- Flexible application for a wide range of products: rice wine, corn alcohol, vodka, whisky, brandy, and herbal spirits.

▶ Machinex Vietnam has partnered with numerous regional specialty alcohol brands such as **Kim Son, Bau Da, Can Loc, Phu Le, My Tho, Mau Son, Thanh Kim, San Lung, Lang Van**, delivering high-quality, safe products while preserving the distinctive regional characteristics and authentic flavors.



FOOD PROCESSING PRODUCTION

LINES & EQUIPMENT

Machinex Vietnam provides comprehensive systems and equipment for the food processing industry, including meat and seafood processing lines, snack production lines, and seasoning and sauce manufacturing lines, along with washing, freezing, and IQF freezing equipment. We also supply sterilization and pasteurization systems, packaging and vacuum sealing machines, as well as cold room and cold storage systems, meeting the requirements for efficient, safe, and large-scale industrial production.











Meat, Sausage & Smoked Meat Processing Lines



Seafood Washing, Freezing, Drying & Packaging Equipment



Snack, Seasoning & Sauce Production Lines



Food Sterilization, Pasteurization & Preservation System





Washing, Freezing & IQF Freezing Equipment











03

POST-HARVEST PROCESSING

LINES & EQUIPMENT





Vegetable & Fruit Washing and Automated Sorting System

Helps clean and remove impurities, and sort products by size, weight, or quality.
This solution enhances productivity, ensures food safety and hygiene, and optimizes pre-processing operations.





Multi-Technology Drying

System

Includes hot air, cold, spray, freeze, and microwave drying technologies, suitable for a wide range of agricultural and food processing applications. Ensures excellent color and aroma retention, high product quality, and compliance with export standards.



1. Hot air drying
2. Spray drying
3. Cold drying
4. Freeze drying
5. Microwave drying









Fruit & Vegetable Processing

Lines



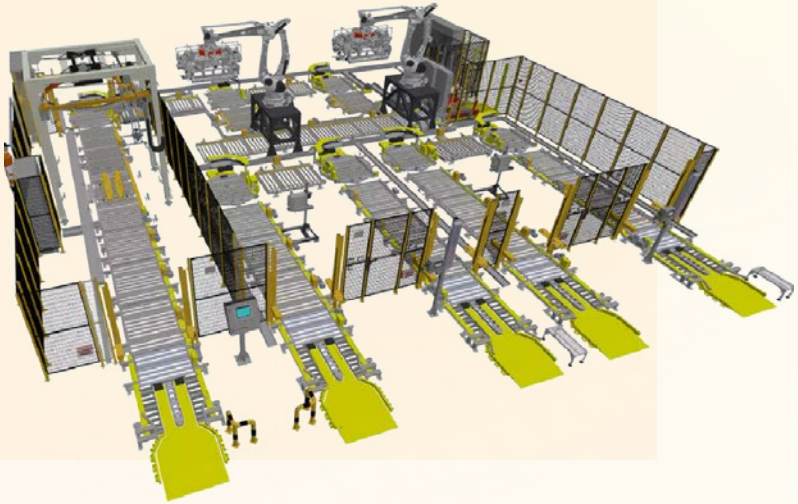


Supports pre-processing, cutting, cooking, blending, and the production of value-added products such as packaged vegetables, canned foods, jams, and dried fruits. The integrated system ensures food safety and enhances overall production efficiency.



Packaging Lines & Cold Storage

Lines





Helps finalize post-processing products with high safety and operational stability. The solution ensures consistent product quality throughout storage, transportation, and distribution.



04 ESSENTIAL OIL DISTILLATION & EXTRACTION LINES











Machinex Vietnam provides comprehensive solutions for enterprises investing in **essential oil distillation** and **active ingredient extraction systems**, applying advanced technologies to **optimize costs, enhance product value, and meet export standards.**









Core Technologies:

- Steam distillation technology: A distillation solution using steam to extract essential oils and volatile compounds from natural raw materials.
- The process ensures the preservation of aroma and bioactive compounds, making it suitable for the production of high-quality essential oils that meet export standards.
- Vacuum distillation technology: The application of a vacuum environment helps reduce the boiling temperature of raw materials, limit thermal degradation, and increase active compound recovery efficiency. This technology is suitable for heat-sensitive materials, ensuring pure and stable products.
- Vacuum distillation technology: The application of a vacuum environment helps reduce the boiling temperature of raw materials, limit thermal degradation, and increase active compound recovery efficiency. This technology is suitable for heat-sensitive materials, ensuring pure and stable products. Supercritical CO_2 technology: An advanced extraction method using CO_2 in a supercritical state, leaving no solvent residues, safe and environmentally friendly. This technology provides high efficiency, preserves the structure of active compounds, and is preferred for pharmaceutical, food, and high-end cosmetic products.

In addition, there are many other essential oil distillation and active ingredient extraction methods such as solvent extraction; enfleurage (used for flowers); cold pressing; fractional distillation, etc. However, depending on the characteristics of each raw material, Machinex will advise and recommend the most suitable technology and equipment solutions.

BOILER EQUIPMENT AUXILIARY THERMAL SYSTEMS

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Boilers play a vital role in industrial production and are often considered the “heart” of many processes, as they supply steam and thermal energy for operations. To meet these demands, Machinex Vietnam provides a full range of high-quality boiler equipment and auxiliary thermal systems, ensuring safety, stability, and efficiency for industrial.

Boiler

Boilers fueled by DO/FO oil, biomass (wood), electricity, and multi-fuel options; designed in compliance with applicable standards and fully meeting inspection requirements; reliable operation with high efficiency.

Boiler Components

Burner systems, water treatment equipment; measuring and control devices; safety equipment and other specialized accessories.

Other Supplies

Hệ thống dẫn hơi, van an toàn, đồng hồ áp suất; Bộ gia nhiệt trung gian, buồng đốt phụ trợ.

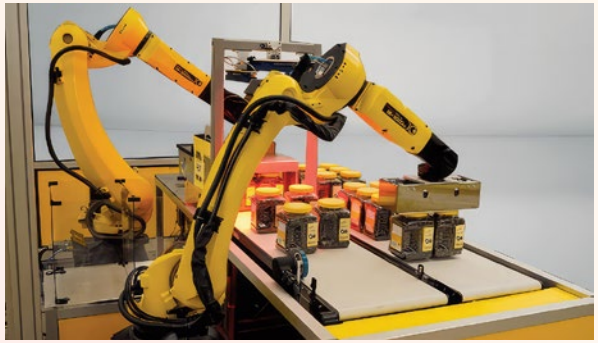
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INDUSTRIAL ROBOTICS & AUTOMATED PACKAGING SOLUTIONS



Machinex Vietnam is an importer, installer, operator, and maintenance service provider of industrial robots serving a wide range of industries.

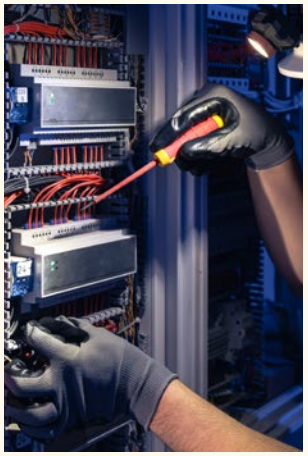
- Product handling robots – pick & place – packaging robots
- Automatic case packers, carton sealing machines, and shrink wrapping systems
- Palletizing robots – AGVs – automatic checkweighers
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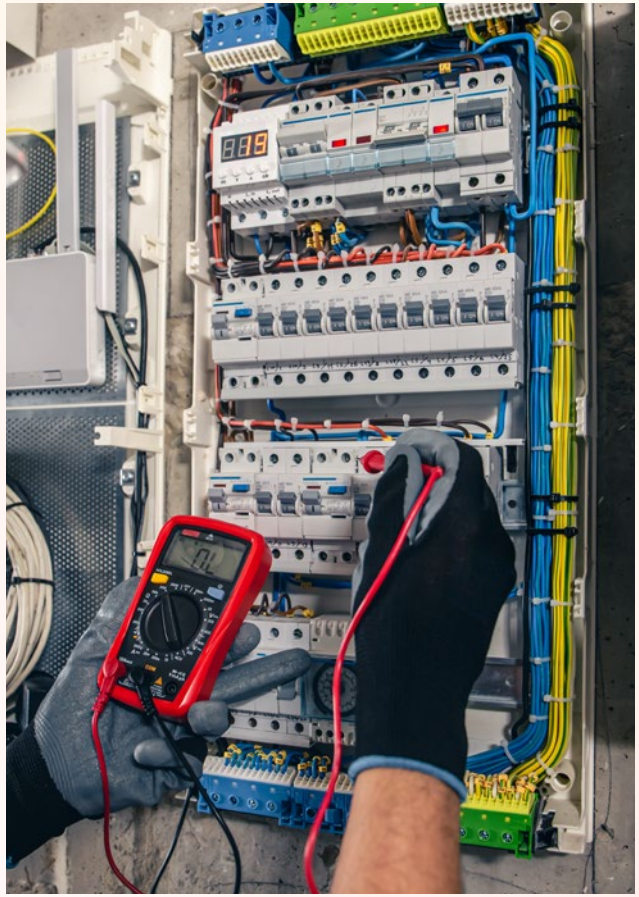




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COMPREHENSIVE TECHNICAL SERVICES





Beyond supplying equipment, Machinex Vietnam accompanies customers through comprehensive technical services, ensuring projects operate efficiently and sustainably.

- Consulting – design – plant implementation: End-to-end solutions from concept to completion, optimized to meet customer requirements.
- Installation – training – operation – technology transfer: A highly experienced technical team supports the entire installation process and ensures stable system commissioning and operation.
- Maintenance and periodic servicing: Maintaining performance, reducing risks, and extending equipment lifespan.
- Production line upgrading and optimization: Improving performance, optimizing costs, and meeting production expansion requirements.
- Other services upon request: Flexible provision of customized solutions tailored to each plant model.

OUR CUSTOMERS

Machinex is proud to partner with leading companies in **food, beverage, agriculture, pharmaceuticals, and industrial sectors** across Vietnam.

PARTNERSHIP – TRUST – GROWTH

TH truemILK
Cozy
Nutifood
HOA LINH
DƯỢC TRUNG ƯƠNG 3
Traphaco
MINH PHU
SHARING GOOD FOOD
SAO MAI GROUP

OUR INTERNATIONAL PARTNERS

Machinex collaborates with **international suppliers and technology partners** to deliver advanced equipment and technology solutions to customers in Vietnam.

kobashi

A specialized partner in **freezing solutions and equipment** for the food industry.

AOBOTE

Specializing in **heat pump drying solutions** for a wide range of products.

Milkita Group

Specializing in **dairy processing equipment and production lines for dairy products and beverages.**

CONTACT US

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Machinex Việt Nam

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