MULTIVAC

BETTER PACKAGING

關於莫迪維克
About MULTIVAC

- **1961**

  1961年公司成立，一直延續家族企業模式，經濟獨立，財力雄厚。
  1961 founding of the company. Continued family ownership. Independent and strong.

- **140**

  莫迪維克的業務遍及全球140多個國家，確保客戶可以就近享受到我們的專業設備與服務。
  countries, to which MULTIVAC delivers and provides service. Global perspective and worldwide activity.

- **80**

  全球設立有80家分公司和分支機搆，以滿足全球各地客戶的需求。
  daughter companies and branch offices worldwide. Close to our customers and their markets.

- **7**

  全球7個生產基地，高度的縱向一體化提供給客戶高品質和高靈活性的方案與服務。
  production sites worldwide. Quality and flexibility as a result of high degree of vertical production.

- **150,000**

  我們已售出150,000台包裝設備，以客戶的滿意作為我們的目標。
  packaging machines sold. Concentration on the satisfaction of our customers.

- **60%**

  全球售出的自動熱成型真空包裝機中，60%來自莫迪維克-包裝行業領導者。
  percent of all thermoforming packaging machines worldwide are from MULTIVAC. Expertise in packaging with film.

- **2,500**

  每年協助客戶完成2,500次包裝測試。
  packaging trials annually. Broad and in-depth know-how of the packaging sector.

- **100**

  莫迪維克設備100%不銹鋼製造。設備使用壽命長，採用最佳清潔標準。
  percent stainless steel. Long lifespan, optimum hygiene.

- **5,100**

  5,100名員工是莫迪維克最有價值的資產。
  employees. our most valuable asset

來自德國的一站式包裝方案供應商
One-stop packaging solution provider from Germany

莫迪維克為客戶提供整體的定制式包裝方案。我們提供多樣的設備種類和服務類型供客戶選擇。遍佈全球的分公司和辦事處隨時隨地為您服務！

MULTIVAC offers holistic solutions based on different packaging materials. We serve customers worldwide with our wide range of machines and services. Our decentralized organization is the basis for our individual customer care.

生產商
Manufacturer

- 集成包裝生產線
  Integrated packaging lines
- 自動熱成型真空包裝機
  Thermoforming packaging machines
- 自動封盒包裝機
  Traysealers
- 槽式真空包裝機
  Chamber machines
- 超高壓處理設備（HPP）
  High-pressure processing (HPP)
- 檢測系統
  Inspection systems
- 貼標、列印系統
  Marking & printing systems
- 傳送系統
  Conveyor systems
- 機械手
  Handling modules

服務供應商
Service Provider

- 包裝諮詢服務
  Packaging consulting service
- 樣品包裝
  Sample packs
- 測試
  Test production
- 設計
  Design engineering
- 培訓
  Training courses
- 備件服務
  Spare parts supply
- 設備維護
  Preventive maintenance
- 設備改造
  Overhauling

經銷商
Dealer

- 膜，托盒，真空袋
  Films, trays, pouches
- 包材, 消耗性材料
  Consumable materials
- 設備租賃
  Machines rental
- 第三方產品
  Partner products
- 生產線組成部件
  Line components

高品質包裝
Smart packages

作為全球包裝行業領導者，莫迪維克致力於為食品、醫療、工業製品、消費品及金融等多個行業的產品提供創新的定制化包裝解決方案和技術支持。

我們結合客戶的需求，充分考慮包裝設計、產量以及能源利用率，為客戶提供熱成型拉伸膜包裝機、托盒封口包裝機、腔式真空包裝機、貼標列印系統、檢測系統、自動化解決方案以及整線包裝生產線。

MULTIVAC is one of the leading providers worldwide of innovative packaging solutions for food products of all types, life science and healthcare products, industrial & consumer products as well as financial items.

The MULTIVAC portfolio covers virtually all customers' requirements in terms of pack design, output and resource efficiency, and it includes vacuum packaging machines, traysealers, thermoforming packaging machines, labellers, quality control systems and automation solutions – right up to turnkey lines.

made in Germany

Thermoformer R 095

Thermoformer R 145

MBS

Traysealer T 700

Conveyor Belt Labeller L 310

Handling Module H 130

Traysealer T 260

Conveyor Belt Machine B 610

Thermoformer R 535

Checkweigher I 221

B 510 Packaging Line

C 500

Transport conveyor system MCS

Traysealer T 850

熱成型拉伸膜包裝機
Thermoforming packaging machine

莫迪維克為全球領先的自動熱成型真空包裝方案供應商。莫迪維克的自動熱成型真空包裝機適用於經濟、高效地包裝各類型產品。莫迪維克為您提供一系列的自動熱成型真空包裝機，設備尺寸、產量以及配置多樣化，滿足客戶的不同需求。

MULTIVAC is the world's leading supplier of thermoforming packaging solutions. With our thermoforming packaging machines, customers are able to pack a wide range of products efficiently and economically. Our range covers the widest spectrum of products on the market in regards to size, output and equipment level:

配置X-line的自動熱成型真空包裝機
Thermoforming packaging machines with X-line

RX 4.0

緊湊式自動熱成型真空包裝機
Compact thermoforming packaging machines

R 0XX

R 1XX

高性能自動熱成型真空包裝機
High-output thermoforming packaging machines

R 2XX
R 5XX

特殊應用自動熱成型真空包裝機
Thermoforming packaging machines
for special applications

R 6XX
R 9XX

真空貼體包裝/MultiFresh™

氣調包裝/MAP

收縮包裝/FormShrink

均衡氣調包裝/EMAP

Snapsil

自動封盒真空包裝機
Traysealer

莫迪維克自動封盒真空包裝機操作靈活、簡便，所適用的托盒和上膜選擇範圍廣泛。莫迪維克的自動封盒真空包裝機系列包括適用於包裝中、小批量產品的半自動封盒真空包裝機，以及適用於大規模生產的全自動封盒真空包裝機。

MULTIVAC traysealers can be used flexibly and are simple to operate, as well as allowing the widest range of trays and upper webs to operate. Our portfolio includes semi-automatic traysealers for small to medium-sized batches, as well as fully automatic traysealers for industrial-scale production volumes.

半自動封盒真空包裝機
Semi-automatic traysealer

T 1XX

T 2XX

全自動封盒真空包裝機
Automatic traysealer

T 3XX
T 6XX

T 7XX
T 8XX
T 9XX

純封口包裝/Natural Packaging

氣調包裝/MAP

真空貼體包裝/Multifresh™

均衡氣調包裝/EMAP

槽式真空包裝機
Chamber machines

莫迪維克槽式真空包裝機運行快速、靈活，適用於真空包裝、氣調包裝以及收縮包裝。

採用真空密封袋，將填充好的袋子放入真空腔室內，而後在真空或氣調環境中密封。

MULTIVAC chamber machines are quick and flexible to operate. They can be used to produce MAP packs as well as vacuum and shrink.

Special vacuum pouches are used. The filled bags are loaded into the chamber and are put under vacuum or modified atmosphere.

Baseline
桌上型槽式真空包裝機
Table-top machines

P 1XX
P 2XX
P 3XX

桌上型槽式真空包裝機
Table-top machines

C 0XX
C 1XX
C 2XX

Baseline
落地式真空包裝機
Free-standing machines

P 400

落地式真空包裝機
Free-standing machines

C 3XX
C 4XX
C 8XX

Baseline
雙槽真空包裝機
Double chamber machines

P 5XX
P 6XX

雙槽真空包裝機
Double chamber machines

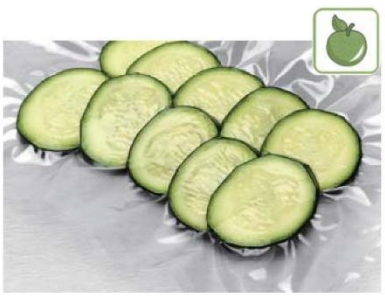
C 450
C 500
C 550

輸送帶式自動真空包裝機
Chamber belt machines

B XXX

熱收縮和乾燥設備
Shrinking and drying machine

TE XXX SE XXX

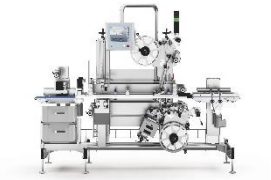


貼標、列印系統
Marking & printing system

莫迪維克根據客戶的需求提供各種類型的線上或離線式貼標和列印系統，適用範圍廣泛。

The labelling and printing solutions from MULTIVAC cover a large spectrum of inline and offline systems, which are suitable for a wide range of applications.

自動貼標機
Conveyor belt labeler



L 3XX

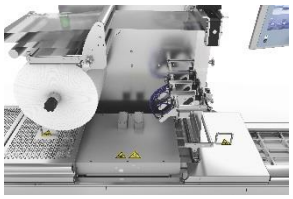
橫向連續貼標機
Cross web labeler

MR 6XX

線上印字機
Inline labeler

IL 1XX

印章式印表機
Stamp printer



STP 20

薄膜連續噴碼裝置
Direct web printer

MR29X

熱轉印印表機
Thermal transfer printer

TTO XX

檢測系統
Inspection system

莫迪維克檢測系統高效檢測產品的品質，確保包裝的完整性以及標籤的無誤性。莫迪維克檢測系統檢測覆蓋範圍廣泛，如異物檢測、重量檢測以及最終成品檢測。經檢測後的產品，符合法規要求，並能以最高品質標準銷售於終端市場。

MULTIVAC's inspection systems support efficient quality control and ensure packs and their labelling are faultless. From the detection of foreign bodies through to weight checking and right up to final pack inspection, MULTIVAC offers a wide spectrum of solutions for meeting statutory regulations and maintaining the highest quality standards.

X光檢測系統
X-ray inspection systems

I 1XX

重量檢測系統
Checkweighers

I 2XX

金屬檢測系統
Metal detector

I 3XX

視覺檢測系統
Vision system

MVS

產品處理系統
Product handling

莫迪維克研發並生產了多種產品處理系統用於加速產品的生產製程，優化產品流。產品處理系統適用於產品裝填、卸料以及終端生產線應用。

MULTIVAC develops and produces solutions for product handling in order to increase process efficiency and ensure optimum product flow. They can be used for product infeed and discharge, as well as for end-of-line applications.

機械手
Handling module

H 05X

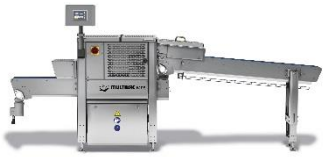
H 1XX

H 2XX

碼垛
Palletizers

IRB

堆疊機
Pack stacker



MPS

輸送帶系統
Belt system

MBS

MCS

超高壓處理設備
High-pressure processing of food

The primary aim of treating foods with High Pressure Processing (HPP) is to reduce or eliminate the relevant foodborne microorganisms, thereby extending the shelf-life and enhancing the food safety.。

HPP 是通過高壓處理食物，達到減少或殺死食源性微生物的目的，從而延長食物的貨架期，提高食品安全。

- 延長食品的貨架期
- 提高食品安全
- 以盡可能低的溫度處理食品以延長其貨架期
- 影響酶反應，如減緩水果變色、酵解、加速過氧化物的反應
- 產品高品質，無添加物
- 應用範圍廣泛

- Extension of shelf life
- *Food safety and regulatory compliance*
- „cold" minimally processing method for prolonging of shelf life
- Impact on enzyme activity
- *Clean label and very high product quality*
- Broad fields of application:

MultiFresh™ 真空貼體包裝
MultiFresh™ skin packaging

MultiFresh™真空貼體包裝，貼體上膜如同產品的第二層皮膚一樣緊緊地覆蓋於產品表面，產品不會受到任何擠壓、變形。包裝成品3D立體，十分美觀新穎，且產品的貨架期也得以顯著延長。同時，由於產品緊貼包裝不滑落，內部汁液不滲漏，零售商可任意選擇立式、懸掛式或水平式等多種方式在銷售終端陳列商品。

MultiFresh™ packs enclose the product like a second skin. The upper web encloses the product tightly, but free of tension, and without changing its shape or decorations. Due to the perfect interaction of machine and packaging material, high-quality and attractive vacuum skin packs are produced, with shelf life extended. Products packaged with MultiFresh™ can be displayed vertically, horizontally, or even suspended because the film skin fixes the contents of the pack and the complete sealing prevents any liquids in the product from escaping.

FormShrink®收縮包裝
FormShrink ®shrink packaging

FormShrink®包裝技術，使用特殊收縮性能的熱成型拉伸薄膜，其收縮性能在熱收縮隧道中被啟動。外包裝包裹著產品就像它的第二層皮膚，十分美觀。此包裝技術可減少傳統收縮包裝而產生的多餘廢膜。另外包裝配有易開口，方便開啟。FormShrink®技術適用於高效收縮包裝鮮肉和加工過的肉、家禽、乳酪或方便食品等。

FormShrink® is a cost-effective and automated alternative to packaging with shrink bags. In the FormShrink® packaging procedure, thermoforming films with special shrink properties are used that are activated in a shrinking tunnel. The result: attractive packs which enclose the products like a second skin. The overhanging film trim that is familiar in conventional shrink packaging is minimized. The pack can also be equipped with an easy-open corner for simple and convenient opening. The very efficient FormShrink® process can be used for all food items suitable for shrink packaging, such as fresh meat and meat preparations, poultry, cheese or convenience products.

氣調包裝
MAP: modified atmosphere packaging

氣調包裝，又稱MAP，是採用具有氣體阻隔性能的包裝材料包裝食品，根據客戶實際需求將一定比例O2 、N2、CO2等氣體充入包裝內，防止食品在物理、化學、生物等方面發生品質下降或減緩品質下降的速度。氣調包裝的應用在無（或少用）食品添加劑的前提下，延長了產品的貨架期，保證了產品品質，並在產品運輸環節保護產品。

Modified atmosphere packaging (MAP) is the practice of modifying the composition of the internal atmosphere of a package, with the combination of barrier packaging material. It slows the deterioration from physical, chemical, biological aspects. Among the advantages of a MAP pack are the extension of the shelf life and the assurance of quality, as well as transport protection of the product. When packaging food, the shelf life can be extended by the use of MAP without/less using food additives.

均衡氣調包裝
EMAP: equilibrium modified atmosphere

採用均衡氣調包裝（EMAP），微孔膜允許內外氣體交換滲透，實現包裝內的均衡氣調，從而達到延長產品貨架期的目的。均衡氣調包裝（EMAP）主要適用於新鮮的水果和蔬菜。FreshSAFE是莫迪維克推出的通過優化產品的包裝來達到延長新鮮果蔬保鮮期的新型包裝理念。莫迪維克可針對客戶特定產品，從包裝設備、包裝薄膜到包裝內氣體等各環節，為其量身定制一體化的包裝解決方案。

In the case of an EMAP pack, the atmosphere between the pack and the environment can be modified due to a micro perforation of the packaging film. An equilibrium modified atmosphere is thereby created in the pack. EMAP is a shelf life extending equilibrium modified atmosphere for fresh fruit and fresh vegetables - whole or prepared. FreshSAFE is a complete packaging concept from MULTIVAC for fresh fruit and vegetables that optimizes the packaging for the product. The packaging machine, the atmosphere and the film are uniquely customized for the product to retain the freshness and quality of fresh products for as long as possible

莫迪維克售後服務
MULTIVAC After Sales Service

莫迪維克技術專家為客戶提供全面且有效的支援，確保已安裝的包裝解決方案的可用性最大化。莫迪維克全球有1000多名專家為您定制培訓、設備維護以及對現有設備改造等服務。

With MULTIVAC, you are not just buying a machine. There are many elements that make for an exceptional customer service experience. Our customer service consists of installation and commissioning, test, training, technical support, preventive maintenance, repair, overhauling, retrofit and spare parts.

- 設備安裝與調試

  Installation & commissioning
- 技術支援

  Technical support
- 定期預防性維護

  Preventive maintenance
- 設備檢查維修、翻修、改造

  Repair, overhauling & retrofit
- 測試

  Test

莫迪維克原裝備件
MULTIVAC Original Spare Parts

眾所周知，原裝是品質的保證。此原理不僅適用於莫迪維克包裝解決方案，還適用於您正在使用的高品質設備的備件和易損件。

Nothing beats the original. That's a maxim that applies not only to MULTIVAC's packaging solutions, but also to the spare and wearing parts needed by your high-quality machine.

原裝備件優勢 Advantages

- 完美的使用體驗

  Perfect parts for every use
- 精湛的生產工藝

  Optimum workmanship
- 高度保障產品安全

  Perfect product safety guaranteed
- 長期有效、品質保證

  Long-term availability, guaranteed

莫迪維克包材
MULTIVAC Consumable Materials

莫迪維克提供多種不同類型的包材如薄膜、托盒、真空袋和標籤。為確保包裝材料在我們的機器上實現完美的可加工性，獲得最佳的包裝品質，我們僅與行業內領先的包材生產商合作，幫助客戶獲得最佳包裝品質、實現成本效益最大化。

We offer a wide variety of consumable materials, such as films, trays, pouches and labels. To ensure perfect processability and an optimal packing result on our machines, we work exclusively with leading manufacturers. Interacting with our packaging machines, they create optimal packaging results with regard to quality and cost-effectiveness.

自動熱成型真空包裝機包裝材料
Packaging materials of thermoformers

- 單層膜、複合膜
- Mono and composite films
- 軟膜、硬膜
- Flexible films and rigid films
- 透明膜、印刷膜
- Unprinted and printed films
- 貼體膜
- Skin films
- 複合鋁膜
- Aluminium composite film
- 複合纖維膜
- Films made of fiber composite materials
- 原材料可再生膜
- Films made of renewable raw materials
- 耐高溫膜
- Temperature-resistant films

自動封盒真空包裝機包裝材料
Packaging materials of traysealers

托盒材質 Tray materials
- 單一的或複合的塑膠
- Mono and composite plastic
- 紙盒
- Box
- 保麗龍盒
- Foam
- 鋁盒
- Aluminium
- 可再生盒
- Renewable resources
- 耐高溫膜
- Temperature-resistant films
- 原材料可再生膜
- Films made of renewable raw materials

托盒形狀 Tray shape
- 方形
- Rectangular
- 多邊形
- Multi-sided
- 圓形
- Round
- 橢圓形
- Oval
- 多槽形托盒
- Freely selectable shape
- 多連包
- Multi-pack

薄膜 Film
- 透明膜
- Unprinted film
- 印刷膜
- Printed film
- 托盒上封膜
- Lid film
- 青稞紙
- Fish film
- 耐高溫膜
- Temperature-resistant film
- 標籤膜
- Mirabella
- 原材料可再生膜
- Films made of renewable raw materials

槽式真空包裝機包裝材料
Packaging materials of chambers

- 真空包裝袋
- Edge seal pouch
- 管狀袋
- Tubular pouch
- 無印刷包裝袋以及印刷包裝袋
- Unprinted and printed film pouches
- 熟食袋
- Maturation bag
- 可直接烹調袋
- Cook-in pouch
- 立式包裝袋
- Stand-up pouch
- 熱收縮袋
- Shrink pouch
- 多層包裝袋(如ESD)
- Multi-layer pouch (e.g. ESD)

Risco: Partner in your success

Risco是世界領先的肉類加工設備和系統供應商。歷經半個世紀，公司通過先進高效的管理，已經從一家家族企業，發展成為不斷研發應用新方案、新技術，開拓新市場的行業領導者。Risco可根據食品行業客戶的規模提供全新的生產和成品解決方案。公司的不斷發展與業績的持續增長是Risco卓越的市場適應能力和一流的客戶需求回應能力的最佳證明。

Risco is the name of reference for the supply of meat processing machines and systems for the food industry. Operating for 47 years, the company has earned a leading position in world markets, joining a family tradition to an advanced and efficient management, projecting as a pioneer in finding new solutions, new processes, new markets and new successes. The evolution of the company and the continued growth in years are not just a boast, but a tangible proof of its ability to adapt to the market and the needs of the customer.

全灌裝機
Total Vacuum fillers

香腸系統
Sausage systems

真空灌裝機
Vacuum fillers

可食性腸衣真空灌裝機
Alginate sausage systems

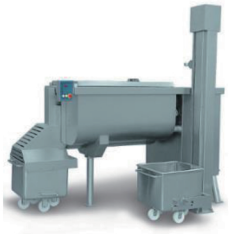
捆結設備
Tying machines

絞肉系統
Minced Meat System

成型系統
Forming systems

配件
Accessories

研磨機-切片機
Grinder-Flaker



攪拌機
Mixers

BIZERBA

秤重之道 Weighing Solutions

自1866年起，Bizerba 這個名稱就與重量息息相關。Bizerba 為零售業、商業網、工業和物流客戶，提供全球獨一無二的重量解決方案。服務涵蓋切割、加工、秤重、收銀、檢測、調試和貼標等。最高品質、創新解決方案和全面的服務內容，這就是 Bizerba。

Since 1866, the Bizerba band has had a close relationship to weighing topics. Bizerba offers customers within the industry, retail, and logistics sectors a globally unique solutions portfolio of hardware and software based around the central value “weight”. This portfolio includes products and solutions relating to slicing, processing, weighing, cashing, checking, commission and labeling. The highest quality, innovative solutions and a complete service offering – this is Bizerba.

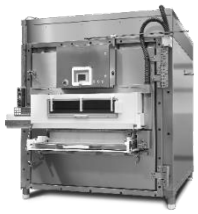
檢測系統
Inspection systems

TVI: .... together for your success

TVI是肉類分切設備及整線分切方案的市場領導者，所提供的高科技產品覆蓋範圍廣泛，從肉製品溫度控制系統到最終分切產品的包裝。TVI設備適用於處理各種類型的紅肉產品，可根據客戶的需求分切產品至指定重量，減少肉製品的浪費或者完全無浪費。

TVI has developed into the leading manufacturer of equipment for portioning and further processing of meat. Our high-tech systems range from meat temperature control systems for the initial product right through to systems that deliver the final portions to the packaging machine. TVI machines process all forms of red meat into any size of portion at the exact weight required and with minimal or no trim.

溫度控制系統 Temperature



分切設備 Portioning

裝盒設備 Packing

穿串設備 Barbecue skewers

TVI 優勢/ benefits you:

Max. flexibility in product range
應用產品範圍廣泛

Best Price
合理價位

Increase of personnel efficiency
提高員工效率

Best Quality Benchmark
最高產品品質

Highest productivity
高產量

Mini. Give-Away
最小化浪費

Reduction of freezing energy costs
降低冷藏成本

... closer to your business

秤重計價貼標系統
Weigh price labeling systems

重量檢測設備
Checkweighers

肉類加工設備
Meat processing

切片機
Slicers

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