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◇ 由于印刷的关系, 故正式机器的颜色与所示的图片有部分差异, 一切以机器实样为准。



Preform Mold / 瓶坯模具

Blowing Mold / 吹瓶模具

Closure Compression Mold / 压盖模具

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塑包行业智慧生产解决方案供应商
SMART PRODUCTION SOLUTIONS SUPPLIER
IN PLASTIC PACKAGING INDUSTRY



企业介绍

Company Introduction

>>>

德玛克控股集团有限公司致力于提供塑包行业智慧生产解决方案。主要服务行业涵盖液态包装，医疗，快消包装以及汽摩配等领域。集团成立于2007年，占地面积20万平方米，拥有固定资产7.2亿元，员工430余人，是一家集技术研发、生产制造和自主销售于一体的现代化高新技术企业。集团位于素有“太湖明珠”之称的浙江省湖州市长兴县设立了德玛克（长兴）注塑系统有限公司，和德玛克（长兴）自动化系统有限公司两个生产基地，生产制造包含注塑机，吹瓶机，模具以及自动化系统在内的各类产品。

Demark Holding Group is committed to providing solution for intelligent production of plastic packaging, which covers liquid packaging, medical packaging, consuming packaging and automobile parts. Demark was founded in 2007 with an area of 200,000 square meters, a capital of USD 120 million and 430 staff. It is a modern technological enterprise which combines technological design, manufacturing and marketing as one. Demark, located in Changxing(Zhejiang Province) known as "the pearl of Taihu lake", has two factories – Demark (Changxing) Injection System Co., Ltd and Demark(Changxing) Automation System Co., Ltd, manufacturing machinery including PET preform injection molding system, PET bottle blow molding machine, injection & blowing molds and automation system.

STRONG FORWARD MOMENTUM IS FROM OUR ADVANCED CNC 强劲的前进动力来自我们先进的CNC

- ▲ 公司实行了全面质量管理体系，视产品质量为企业生命，先后从德国、美国、日本、瑞士引进加工中心，车铣中心，电火花机等先进加工设备200余台。

▲ The company adopts quality administration system and we take quality as the life of our enterptise. We import CNC from Germany, America, Japan, Switzerland with advanced equipments like imported turning center, electric scintilla and some other equipments, totally about 200 sets.
- ▲ 德玛克制造PET瓶坯模具，注坯系统和吹瓶模具，是中国较早、较专业的气动针阀式热流道PET瓶坯模具制造商。公司提供144腔以下的PET精密瓶坯整模和注坯系统，也可承接国内外知名公司注坯模具的改造项目(包括提供冷半模、热流道及模芯、模腔、螺口等)。

▲ Demark is specialized in PET preform molds, PET Line and blowing molds. It is one the earliest companies adopting needle valve hot runner system. We offer preform mold sand PET Line under 144 cavities. We can also take the project for the remake of injection molds for the famous international and domestic companies, such as offering cold half part, hot runner, the core, the cavity and screw.
- ▲ 完整的销售服务体系贯穿售前、售中及售后，我们整个团队始终坚持“用户至上”的服务理念，尽可能的为客户提供最贴心的服务。热情欢迎各界朋友莅临参观指导。德玛克机械将一直坚持“打造PET包装机械国际知名品牌”的信念，继续为这个蓬勃发展的市场不懈努力。

▲ The advanced equipment, high manufacture technology and perfect inspection system assures strong protection line covers pre-sales, sales and after-sales. Our whole team always insist the idea of "customer first", and try our best to offer the most considerate service to our customer. Friends from various fields are warmly welcome to visit us.
- ▲ 先进的加工设备，精益求精的制造技术和严格完备的质量检测体系，为精密制造提供了强有力的保障。

▲ The advanced equipment, high manufacture technology and perfect inspection system assures precision of products.



QUALITY CONTROL

品质控制

- 完善的品控系统，对原材料、热处理、设备精度、加工精度、表面处理、公量夹具等各个环节都进行着严格的品质控制，为产品质量提供了强有力的保障。
- 模具质量控制手段采用工人自检，各工序质检员首检，加工过程质检员巡检，完工后质检员终检，保证模具的稳定性，可靠性。坚持以“质量无大小，处处是关键”的质量管理理念，不断提升公司产品质量。

- A well-constructed QC system strictly control the whole production flow from raw material, heat treatment, equipment and processing accuracy, surface treatment, manufacturing tools to final products, which guarantees the quality.
- DEMARK implements the concept of TQC by improving the quality control consciousness of all employees. The quality control model for the whole manufacturing process is established as follows: self-inspection by operator, initial inspection by QC, re-inspection by QC supervisor, IPQC and FQC.



PET PREFORM MOLD

PET瓶坯模具

您的设备---我们的解决方案

您希望生产多少瓶坯？设计？克重？无论您有什么样的要求，我们都能为您的项目提供完美的模具！

Your equipment---Our solution

How many bottles do you want to produce? Design? Weight? No matter what kind of request you have, We can all provide perfect mold for your project!



DEMARK PET PREFORM MOLD

高品质瓶坯模具

规格：

1-16腔、24腔、32腔、48腔、72腔、96腔和144腔瓶坯模具。

瓶口：

ROPP, ALASKA, PCO1810, PCO1881, BPF, 30/25, 29/25, 26/22, 38mm, 48mm, 50-150mm等规格。

使用机台：

DEMARK, HUSKY, NETSTAL, KATA等瓶坯专用设备。

Specification:

1-16 cavity, 24 cavity, 32 cavity, 48cavity, 72 cavity, 96 cavity and 144 cavity.

Neck finish:

ROPP, ALASKA, PCO1810, PCO1881, BPF, 30/25, 29/25, 26/22, 38mm, 48mm, 50-150mm etc.

Applied on:

Different brands of preform injection systems such as DEMARK, HUSKY, NETSTAL and KATA.

HIGH QUALITY PREFORMS

高质量瓶坯

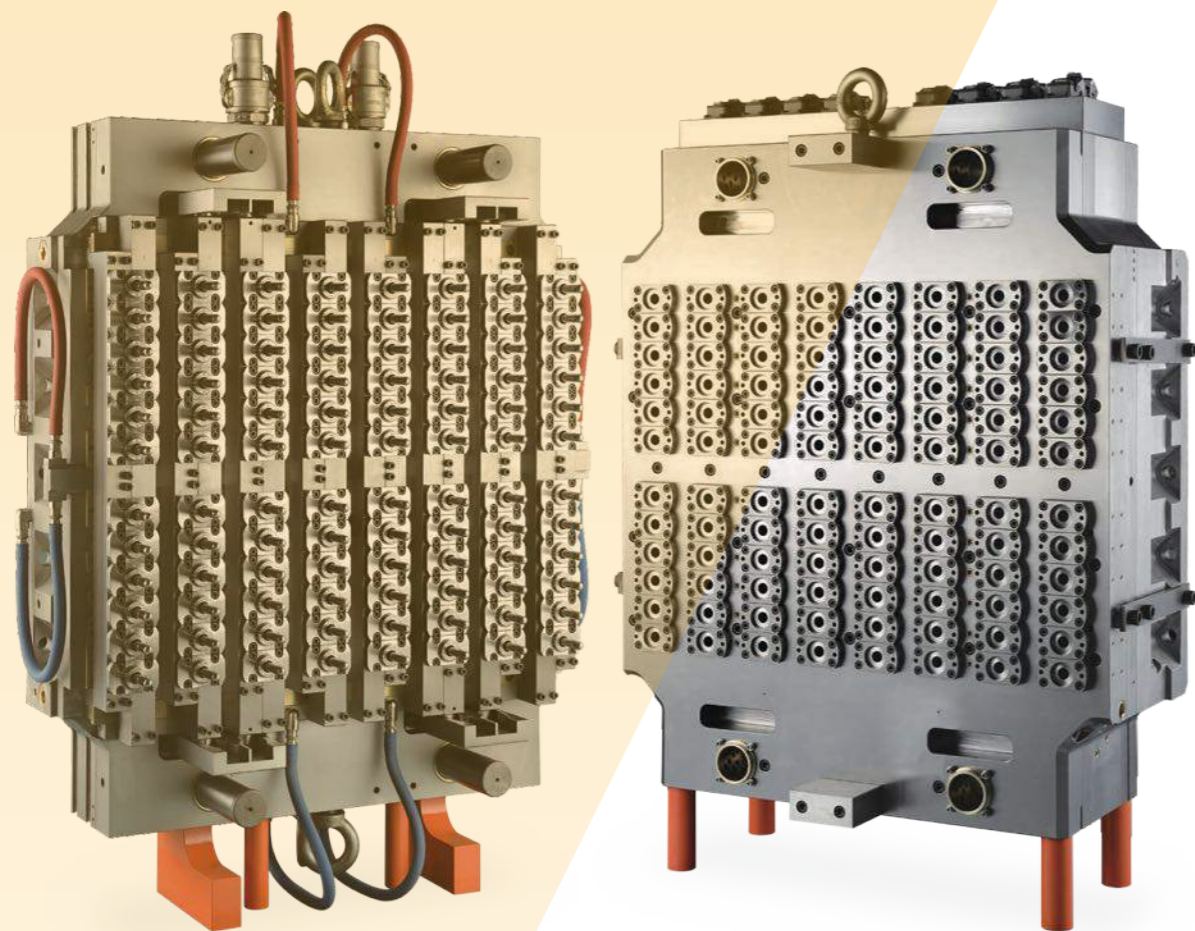
瓶坯模具特征：

- 采用气动针阀式热流道，降低劳动成本。
- 领先的热流道系统降低AA值。
- 设计合理的冷却水路，提升冷却效果，缩短循环时间。

Features of the perform mold:

- No cutting of valve gate is employed to reduce the labor cost.
- Advanced hot runner system assures lower level of AA value.
- Reasonable-designed cold water channels increase cooling effect and shorten the cycle time.

- 无结晶性(No crystallinity)
- 无擦伤(No scratches)
- 表面质量高(High quality surface)
- 乙醛(AA)含量高(Low acetaldehyde(AA) level)
- 偏心度最低(Minimum eccentricity)
- 尺寸稳定性好(Dimensional stability)
- 重量稳定(Consistent weight)
- 合缝线没有“丕缝”(No flash on split lines)



96-Cavity PET Preform Mold

PET PREFORM MOLD CONVERSION

PET模具「改造」

- 改造瓶坯模具及零件,实现瓶坯优化。
- Modify preform mold and components to optimize the preform.

Do You Need More Flexible Production Methods
To Meet The Market Demanded?
需要更灵活的生产方式适应市场?



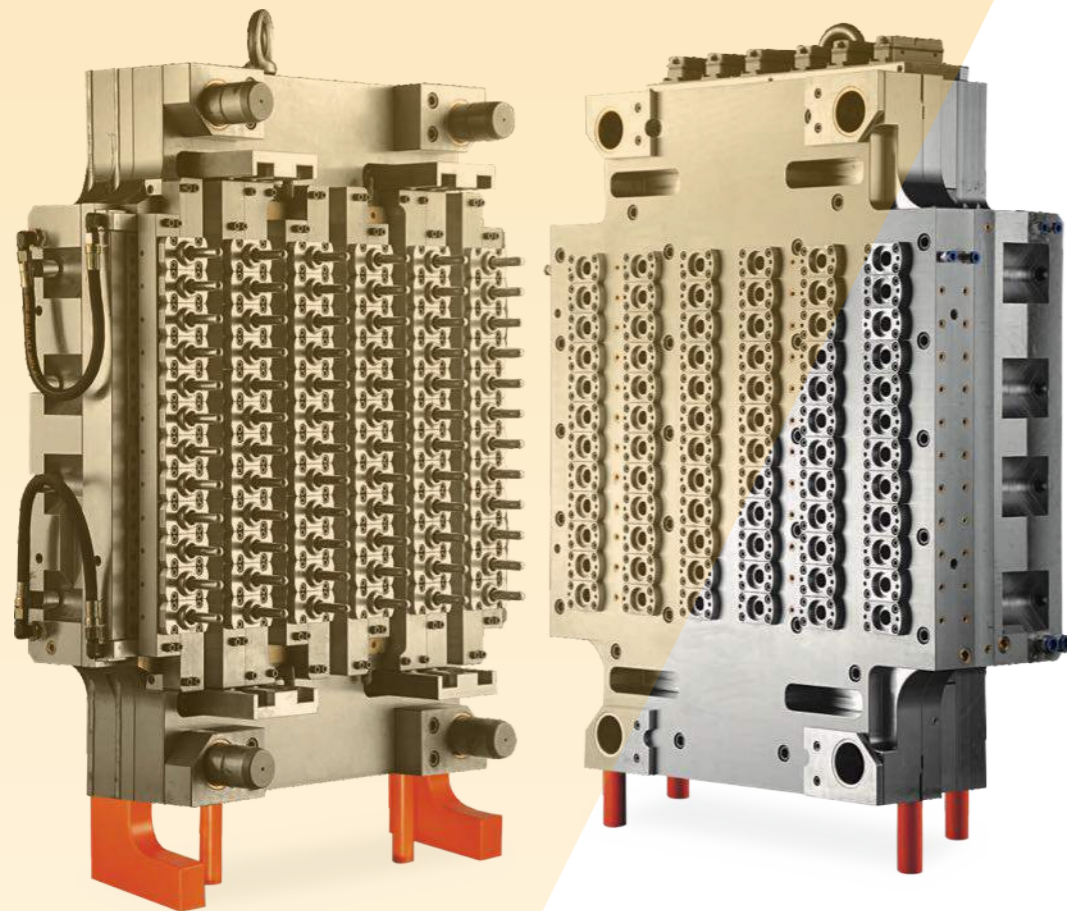
CONVERSION FOR PET PREFORM MOLD COLD HALF

PET瓶坯模具冷半模改造

在德玛克改变使用品牌, HUSKY, MHT, OTTO, SIPA模具上更换以下成型件:
型芯, 模唇, 模腔, 模腔底座

Changing brands in Demark, such as HUSKY, MHT, OTTO, SIPA.
We change the following parts on the cold half mold:
Core, Neck ring, Cavity, Gate insert

- 现有模架上更换成型件以实现PET瓶坯结构以及各种改变, 以满足客户需求
- 瓶坯轻量化项目实施
- 快速变更瓶坯螺口
- In order to meet customer demand, we replace the shaping parts on the mold in order to change the preform structure.
- The implementation of light weighting project
- Quickly change preform neck
- 如原厂般质量的PET模具零件
- 与原厂各模具组件完美契合
- 较原厂零件更少的投资
- The quality as the original mold parts
- Each mold is perfectly assembled with the original mold parts
- Need less investment than the original mold parts



72-Cavity PET Preform Mold

PET MOLD REFURBISHMENT PROJECT

PET模具「翻新」项目

Longer than long life time

比更久还要久

模具审计-翻新前之首要工作

Mold Audit - the primary task before refurbishment

该服务为德玛克客户量身定制，旨在帮助客户评估他们目前所生产瓶坯的质量。审计流程如下：

- 由德玛克资深技师在现场对模具进行检查
- 对整模瓶坯进行全面检查，包括飞边状况的测量
- 给客户一份建议性审计报告，告知客户如何提升/延长模具寿命
- 如有可能，可提供通过模具改型来减重的可行性方案

The service is tailored for Demark customers and designed to help customers evaluate the quality of their current production of preforms. The audit process is as follows:

- By Demark senior technician in the field to check the mold
- The entire molding preform to conduct a comprehensive inspection, including measuring the flash status
- To provide customers with a recommendation of the audit report, to inform customers how to enhance / extend mold life
- If possible, a feasibility scheme for light weighting about mold modification is available

主动翻新 = 提升效益

Active refurbishment = promote benefits

- 延长生命周期
- 100%型腔（有效生产）
- 确保重复的高品质产品，型腔与型腔，模次与模次
- 提升持续运行时间
- 成本节省
- Demark拥有自主优势技术
- Extend the life cycle
- 100% cavity(Effective production)
- Make sure the high quality products repeatedly cavity to cavity shot to shot
- Promote continuous running time
- Cost savings
- Demark With independent advantages of technology

模具生命周期

Mold life cycle

- 产品质量：瓶口飞边、分型线、浇口缺陷等
- 成型周期：随着时间的推移而增加
- 原料使用：由于过度保压或者漏胶导致的平均瓶坯重量的增加
- 性能下降：每一个成型周期都会使模具的性能下降
- 能耗增加：采用克服缺陷工艺造成的直接、间接能耗增加
- 效率下降：有效生产型腔缺失
- Product quality: Flash, parting line, gate defects, etc
- Cycle time: With time goes by, the cycle time is extended.
- Use of raw materials: Due to over pressure or leakage, the weight of bottle is increased evenly.
- Performance decrease: Each molding cycle will decrease the performance of the mold.
- Energy consumption increase: Overcoming the defective process caused the direct and indirect increase in energy consumption.
- Efficiency decrease: There will be a cavity loss in effective production.

改善产品质量

Improve the quality

产品质量（尤其是瓶口飞边）是瓶坯行业中众多指标中的一个关键指标，通过翻新，有效改善瓶坯飞边现象。

The quality of the product (especially the flash) is the key indicator of many indicators in the preform industry. By mold refurbishment, the preform flash can be improved efficiently.



PET MOLD REFURBISHMENT PROJECT

PET模具「翻新」项目

Longer than long life time

比更久还要久

COLD HALF REFURBISHMENT

冷半模翻新

说明：由于模具长时间工作，成行件之间锁模用锥面产生磨损而形成预载消失造成瓶坯合模线飞边缺陷。阀针与模腔底座长时间相互摩擦而造成的密封失效，所有结构滑动组件长期相互摩擦挤压所造成的磨损以及变形。冷半模翻新适用于以下模具品牌：

DEMARK, HUSKY, MHT, OTTO

Description: As the mold work long hours, with tapered clamping wear member is formed between the rows preload disappear preform parting line defects caused by burrs. Seal failure caused by friction between the valve needle and the mold cavity for a long time, wear and deformation caused by long-term friction between all the structural sliding components. Cold mold halves mold refurbished applies to the following brands:

DEMARK, HUSKY, MHT, OTTO

HOT HALF REFURBISHMENT

热半模翻新

长时间的高温连续工作可能导致基础定位组件的失效，分流板定位偏差。易损件在长期工作中产生相对磨损，以至于严重危害针阀系统工作、热流道的热平衡以及密封性。

热半模翻新适用于以下模具品牌：

DEMARK, HUSKY, MHT

服务内容：

检查所有零件、分流板和模板；分流板清洗和研磨；清洗回收使用的零件；公差分析以及问题探源；破损零件更换（包括分流板、热嘴组件或模板）；组装和认证（包括质保延长）

Long continuous working temperature may lead to failure of the base positioning assembly, the manifold positioning error. Wearing parts produced in relatively long-term wear and tear, so that serious harm needle valve system work, hot runner heat balance and tightness. Hot mold retouching is suitable for the following mold brands: DEMARK, HUSKY, MHT

Service content:

Check all parts, manifold plate and mold plates; Cleaning and polishing manifold; Cleaning the parts for reuse; Source of the problem and tolerance analysis; Replacing damaged parts (including the manifold, the heat nozzle or mold plate); Assembly and authentication (including extended warranty)

PET BLOWING MOLD

吹瓶模具

- ▲ 水瓶、低碳酸瓶、高碳酸瓶、热灌装瓶、无菌灌装瓶等各类饮料瓶。食品、食用油、调味品、化妆品、洗涤用品、医药等各领域中空容器。
吹瓶模具应用于“DEMARK”、“SIDEL”、“KRONES”、“SIG”、“KHS”和“ASB”等各种型号的两步拉伸吹瓶设备。
- ▲ PET containers for beverage industry such as water bottle, CSD bottle, hot fill bottle and aseptic fill bottle. Various containers for the food industry, edible oil, condiment, cosmetic, toiletry and pharmaceutical products. Different brands of two-step stretch blow molding machines such as DEMARK, SIDEL, KRONES, SIG/KSH and ASB.

BLOW MOLDING MACHINE CONVERSION PROJECT

吹瓶机项目改造

- ▲ 改造吹瓶线，实现1716、PCO1810、PCO1881等各种瓶口之间的相互转换。
- ▲ 热灌装吹瓶线改造成冷热两用吹瓶线。
- ▲ 对不同的品牌（KRONES, SIDEL, KHS, SIPA, SIG等）吹瓶线的吹瓶模具和吹瓶机零部件进行结构改造，实现通用互换。
- ▲ 改造吹瓶模具及吹瓶线，实现瓶形优化。
- ▲ Retrofit of bottle and preform production systems to realize the conversion among different neck finishes such as 1716, PCO 1810 and PCO 1881.
- ▲ Retrofit the HR blowing system suitable for normal temperature filling and hot filling production lines.
- ▲ Modify structure of blowing mold and blowing machine parts to realize universality among different brands (KRONES, SIDEL, KHS, SIPA, SIG...) of blowing system.
- ▲ Modify blow mold and blowing systems to optimize bottle shape.



CLOSURE COMPRESSION MOLDS

压盖模具

▲ 压盖模具适用于SACMI压盖设备，可替代原装SACMI模具，也可互配。无论是速度、稳定性、寿命都有最大限度的让客户觉得满意。

▲ Closure compression molds are suitable for SACMI gland equipment, which can replace the original SACMI molds, but also can be interchangeable with each other could maximize customer satisfaction no matter on speed, stability or life span.

▲ 各种瓶口：
1810、1881、2925、3025、38等各种水和碳酸饮料等类型产品应用。

▲ Cavitation:
Applications of various types of water and carbonated beverages such as 1810, 1881, 2925, 3025, 38, etc.

▲ 各种腔数：
24、32、48、64 ▲ Neck finish:
24、32、48、64



1810模具零件
1810 mold parts



1810整模
1810 mold



1881模具零件
1881 mold parts



1881整模
1881 mold



CCM 48 SB 高速模具
SB gland mold



CCM 48 SB 高速整模
SB gland mold



38口模具零件
Neck 38 mold parts



38口整模
Neck 38 mold



3025水盖模具零件
Mold parts for neck 3025 cap of water bottle

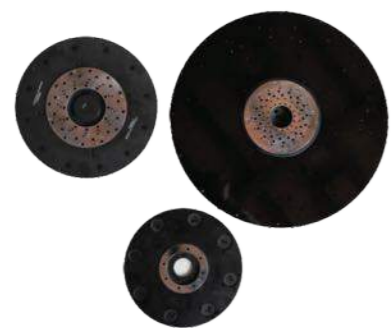


3025水盖整模
Mold for neck 3025 cap of water bottle

CLOSURE COMPRESSION MOLD CONVERSION

压盖模具改造

- Demark 可为客户提供快速、安全、高效、性价比高的各种瓶坯、瓶盖、注盖模具零配件，并保持与原产模具可互通互配，减少客户备库，以及提供旧模具增值服务---模具翻新、增减克重的改造项目。更换机器瓶盖模具，改造折边切环、滑道。
- Demark can provide customers with fast, safe, high efficiency, high cost performance of various bottles, bottles. Cover and cover mold parts, and keep the original mold to be compatible with each other, reduce the customers. Library, as well as the provision of old mold value-added services -- mold renovation, the addition of the weight of the renovation project.



ccm64、ccm48、ccm32刮刀盘
ccm64、ccm48、ccm32
Scraper turntable



刮料盘配件
Scraper plate accessories



塑料 挡盖条
Plastic strip door



切环折边机配件
Slitting & folding machine accessories



三位阀、油杆杆及上下法兰
Hydraulic valve、The pistonrod



水分配器芯/水分配器外套
Water distributor core/Water dispenser coat



脱料 杆总成
Discharge bar assembly



高压油分配器及离合器
High pressure oil distributor and clutch



刮料盘挡板
Scraper baffle



水路配件
Water accessories



盖 缘模
The cavity



盖面模
Covering mold



铜头和模内芯
Copper head and mold core.

CAP COMPRESSION MACHINE ACCESSORIES

压盖机配件

- 我们同时提供基于SACMI平台丰富的压盖机配件。
- At the same time, we also provide a variety of machine parts based on SACMI platform.