

为客户提供全面的脱模剂解决方案



广东海泽智能装备科技有限公司

GUANGDONG HAIZE INTELLIGENT EQUIPMENT TECHNOLOGY CO., LTD

脱模剂智造工厂

Release Agent Intelligent Manufacturing Factory





脱模剂智造工厂 —工业4.0自动化生产线

二级反渗透纯水生产

Secondary reverse osmosis pure water production

生产过程全程可追溯

The entire production process is fully traceable

真空、恒温乳化，耐高温成膜性能极佳

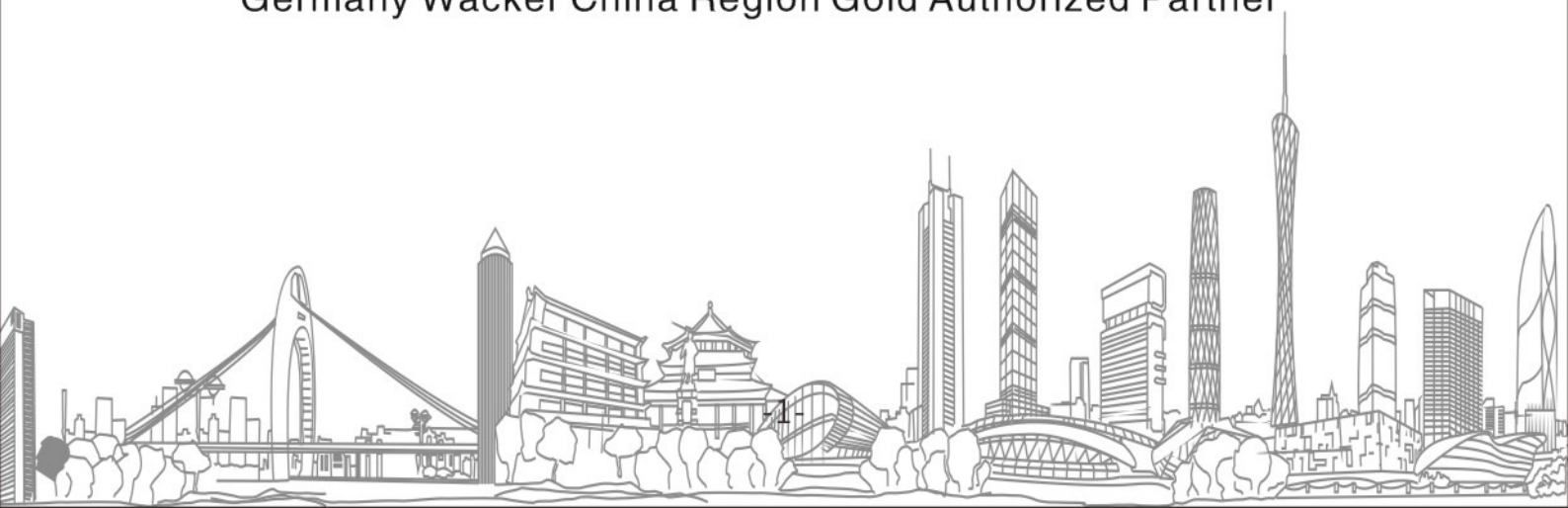
Vacuum and constant-temperature emulsification,
excellent high-temperature film-forming performance

纳米先进工艺，产品光亮无积碳

Advanced nanotechnology process, the product is bright
and free of carbon deposits

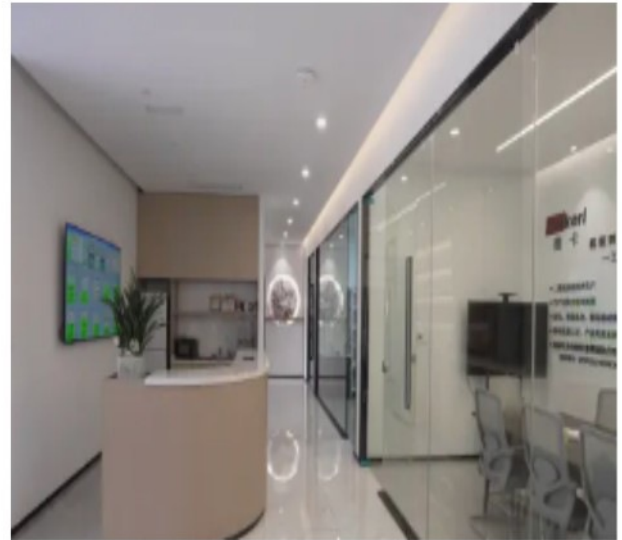
德国Wacker中国区金牌授权合作伙伴

Germany Wacker China Region Gold Authorized Partner



公司介绍

本公司专注于为压铸行业提供高效、环保的脱模解决方案。公司与美国Delkerl实验室联合研发，采用工业4.0全自动化智能生产线，实现无人化生产，确保产品品质稳定如一。依托生产过程全程可追溯系统，从原料到成品严格管控，为客户提供安全、可靠、可追溯的优质脱模剂。德卡科技以创新驱动发展，致力于成为全球脱模技术领域的领先品牌。



Our company specializes in providing efficient and environmentally friendly demolding solutions for the die-casting industry. Through joint research and development with the Delkerl Laboratory in the United States, we utilize an industrial 4.0 fully automated intelligent production line to achieve unmanned production, ensuring consistent product quality. Relying on a full-process traceability system during the production process, we strictly control from raw materials to finished products, providing customers with safe, reliable, and traceable high-quality demolding agents. Deka Technology drives its development through innovation and is committed to becoming the leading brand in the global demolding technology field.





脱模剂智造工厂

年销售量 **5000T**
Annual sales volume

夜间无人值守 生产效率提升 **60%**
Unattended at night, production efficiency improved

出口占比 **30%**
Export share

一物料一工艺配方 品质稳定性高达 **98%**
Each material has its own process formula, with quality stability

“生产设备及控制系统” -- Production equipment and control systems

- 》自动乳化釜 -- Automatic Emulsifying Tank
- 》自动配料釜 -- Automatic Batching Kettle
- 》PLC自动化控制系统 -- PLC Automation Control System
- 》工控机实时同步主机 -- Industrial computer real-time synchronized host

全程独立编码管理 -- Independent coding management

每批出货均对应唯一批号，生产过程全程可追溯

Each shipment corresponds to a unique batch number. The entire production process is fully traceable



脱模剂--Releaseagent



脱模剂系列

- 》 新能源汽配脱模剂 **New energy auto parts release agent**
- 》 镁粒子挤压脱模剂 **Magnesium Particle Extrusion Release Agent**
- 》 无硅脱模剂 **Silicone-free release agent**
- 》 纯铝脱模剂 **Pure Aluminum Release Agent**
- 》 3C 薄件脱模剂 **3C Thin Part Release Agent**

产品优势

产品无积碳

No Carbon Accumulate

易清洗和厚涂装

Easy wash and painting

保护模具顶针

Ejector Pins Protection

不堵塞喷嘴

No Choking To Nozzle



产品型号 Product series	产品名称 Product name	产品应用 Application Features	使用配比 Dilution ratio
6615	铝合金脱模剂 Aluminum Alloy Release Agent	易清洗，一般铝合金压铸配件 Easy to clean, general aluminum alloy die-cast parts	1: 120-150
6650		高性价比，一般铸件高倍数浓缩液 High cost-performance, generally high-multiple concentrated solution of castings	1: 400
8820		用于新能源汽配件，耐高温发气量小 For new energy vehicle parts, resistant to high temperatures with low gas emission	1: 160-200
8850		新能源汽配高倍数浓缩液 For new energy vehicle parts, resistant to high temperatures and low in gas emissions	1: 400
9901	镁合金脱模剂 Magnesium alloy mold release agent	适用于常规镁合金压铸件 Suitable for standard magnesium alloy die-castings	1: 80-100
7104		适用于镁合金薄件 Suitable for thin magnesium alloy parts	1: 100
7306	铝镁手机中板脱模剂 Aluminum-Magnesium Phone Midframe Release Agent	用于手机、笔记本电脑等铝镁中板薄壁件 For thin-walled aluminum-magnesium plates used in mobile phones, laptops, etc.	1: 100
7105	半固态镁合金脱模剂 Semi-solid magnesium alloy release agent	适用于镁粒子挤压成型脱模 Suitable for demolding magnesium particle extrusion molding	1: 60-80
1002	无硅脱模剂 Silicone-free release agent	不含硅油、不含蜡，适用于阳极氧化产品 Silicone-free and wax-free, suitable for anodized products	1: 100
8601	纯铝脱模剂 Pure Aluminum Release Agent	适用于无硅或者低硅含量铝合金压铸件 Suitable for silicone-free or low-silicon aluminum alloy die castings	1: 60-80

冲头颗粒--Shot beads



产品优势

料管使用寿命延长50%

Shot sleeve service life extended by 50%

生产效率提升50%

Production efficiency increased by 50%

卓越润滑，有效提高冲头寿命，专为高压铝合金压铸冲头打造。基于聚乙烯蜡的高科技创新复合配方

Excellent lubrication, effectively extends plunger tip lifespan, specially designed for high-pressure aluminum alloy die-casting plunger tip.

Based on a high-tech innovative composite formula of polyethylene wax.

系列产品 Product series	成分 Ingredient	蜡含量 Wax content
黑色1.5/2.0mm(Black1.5/2.0)	含石墨--Contains graphite	48%
黑色1.5/2.0mm(Black1.5/2.0)	含石墨--Contains graphite	70%
黑色1.5/2.0mm(Black1.5/2.0)	含石墨--Contains graphite	100%
白色1.5/2.0mm (White1.5/2.0)	不含石墨--Does not contain graphite	48%
白色1.5/2.0mm (White1.5/2.0)	不含石墨--Does not contain graphite	100%
黄色1.5/2.0mm (White1.5/2.0)	不含石墨,添加极压抗磨剂 ----Does not contain graphite, Add extreme pressure anti-wear additive	100%



被覆剂--Ladle coating agent



产品优势

减少的汤勺磨损

Reduced spoon wear

强附着力

strong adhesion

高耐火度

high refractoriness

应用于汤勺、坩埚等表面的功能性涂层制剂，能有效阻隔金属溶液对铁质坩埚及工具的侵蚀

Functional coating formulations applied to surfaces such as ladles and crucibles can effectively prevent metal solutions from corroding iron crucibles and tools.

系列产品 Product series	成分 Ingredient	应用特性 Application Features
被覆剂DK-1 (油性) Ladle Coating Agent DK-1(Oil)	氮化硼, 80%有效含量 Boron Nitride, 80% Active Content	附着力较强, 高耐热性能 (1300-1500) Strong adhesion, high heat resistance (1300-1500)
被覆剂DK-2 (油性) Ladle Coating Agent DK-2(Oil)	氮化硼, 70%有效含量 Boron Nitride, 70% Effective Content	价格便宜, 附着力中等 The price is cheap, and the adhesion is moderate.
被覆剂DK-3 (油性) Ladle Coating Agent DK-3(Oil)	氮化硼, 99%有效含量 Boron Nitride, 99% Effective Content	强附着力, 高耐热性能 (1500-1600), 使用寿命长 Strong adhesion, high heat resistance(1500-1600° C), long service life
被覆剂DK-5 (水性) Ladle Coating Agent DK-5 (Water)	氮化硼, 50%有效含量 Boron Nitride, 50% Effective Content	环保不燃烧, 耐高温性能好, 使用 前搅拌均匀。 Environmentally friendly and non- combustible, with good high- temperature resistance. Stir well before use.



冲头油--Plunger oil



产品优势

冲头使用寿命延长50%

Plung tip lifespan extended by 50%

生产效率提升50%

Production efficiency increased by 50%

卓越的润滑能力，能够在冲头与模具之间形成一层均匀且牢固的润滑膜，有效降低摩擦系数，确保冲头运动更加顺畅，使压铸过程更加稳定，降低次品率
Excellent lubricating ability, capable of forming a uniform and strong lubricating film between the punch and the mold, effectively reducing the friction coefficient, ensuring smoother movement of the punch, making the die-casting process more stable, and reducing the defect rate

系列产品 Product series	成分 Ingredient	特点 Characteristics
黄色冲头油 Yellow plunger oil	基础油、高温脂、抗磨剂 base oil, high-temperature grease, anti-wear additive	料柄干净，残留少 The handle is clean with little residue
黑色冲头油 Black plunger oil	石墨、基础油、抗磨剂 Graphite, base oil, anti-wear agent	成本低、含石墨、润滑好 Low cost, contains graphite, good lubrication
水性冲头油 Water-based plunger oil	高温脂、极压抗磨剂 High-temperature grease, extreme pressure anti-wear additive	环保不燃烧、润滑性能出众，料柄不发黄不发黑 Environmentally friendly and non-combustible, outstanding lubrication performance, handle material does not yellow or blacken

蜡乳液--Waxemulsion



产品优势

具有耐高温特性，作为压铸脱模剂的原材料，可形成一层极薄、致密、连续且具有热稳定性的固体润滑膜。使脱模更加顺畅轻松，减少因脱模阻力导致的零件变形、拉伤或顶针痕迹过深，同时保护模具表面，减少磨损。

It has high-temperature resistance and can be used as a raw material for die-casting release agents, forming a very thin, dense, continuous, and thermally stable solid lubricant film. This makes demolding smoother and easier, reduces part deformation, scratches, or excessively deep ejector pin marks caused by demolding resistance, and also protects the mold surface, reducing wear.

系列产品 Product series	成分 Ingredient	特点 Characteristics
630	氧化聚乙烯蜡OPE Oxidized polyethylene wax	价格便宜，具有优异的性价比，高耐热性能熔点(95) Affordable price, excellent cost-performance ratio, high heat resistance with a melting point of 95° C
3103	高密度氧化聚乙烯蜡 High-density oxidized polyethylene wax	高耐热性能，熔点 (130-135)，尤其适用于结构复杂、精度要求高的压铸件脱模剂配方 It is especially suitable for release agent formulations for die-cast parts with complex structures and high precision requirements

硅油乳液--silicone emulsion

产品优势

高品质的硅油具有较高的热稳定性和抗氧化性，耐高温性能好，积碳少，后涂装性能优异，使脱模剂在高温高压的极端工况下，依然能提供持续、可靠的润滑和隔离保护。减少摩擦和磨损，提高机械设备的工作效率和寿命。

High-quality silicone oil has high thermal stability and oxidation resistance, good high-temperature performance, low carbon deposition, and excellent post-coating performance, allowing the release agent to provide continuous and reliable lubrication and isolation protection even under extreme conditions of high temperature and high pressure. It reduces friction and wear, improving the operational efficiency and lifespan of mechanical equipment.

系列产品 Product series	成分 Ingredient	特点 Characteristics
104	150-350 ° C	易清洗，通用性好，具有优异的性价比 Easy to clean, versatile, and offers excellent cost-performance.
108	150-380 ° C	高耐温，产品光亮，积碳少，适合大吨位压铸和壁厚件、复杂件的脱模 High temperature resistance, bright product finish, low carbon buildup, suitable for demolding large-tonnage die castings, thick-walled parts, and complex components

激光冲头--Laser plunger tip



产品优势

使用寿命长：15000-3000模次

Long service life: 15,000-3,000 cycles

硬度高：HRC50-55

在合金球墨铸铁冲头的表面进行激光处理和陶瓷粉墨镀层，提高了冲头表面的耐磨性，并且不会增加冲头表面的硬度，不伤害熔杯。

Laser treatment and ceramic powder coating on the surface of alloy ductile cast iron punches improve the wear resistance of the punch surface without increasing its hardness or damaging the crucible.

配套产品--Related products



保护套

Silicon Carbide Thermocouple
Protection Tube



汤勺

ladle cup



打渣剂

Deslagging agent



喷枪

Die Casting Spray Gun



抗焊合蜡

Anti solder wax



颗粒机

Shot beads dispenser

