

E K A T O G R O U P

EKATO GROUP

Advanced Process Solutions

Mixing 搅拌

Blending 混合

Drying 干燥



EKATO



Advanced Process Solutions

In the past 80 years EKATO has developed to world market leader in mixing technology and offers today optimized mixing technologies for all process-oriented industries. EKATO has been family-owned since its founding in 1933 and is represented worldwide with subsidiaries in Europe, Asia, Australia, South America, South Africa and the USA as well as a network of trading partners. At the ultramodern research and development center at EKATO headquarters, more than 1,000 m² of laboratories and testing facilities are available for an analysis of customer processes. Production takes place exclusively in Germany.

A complete service package with database-supported spare parts and maintenance management, a 24 hour service hotline worldwide and comprehensive service spectrum that covers start-up, modifications and modernization up to process optimization complete the offer.

过去的80年中，EKATO发展成为了搅拌技术的世界领导者，如今为所有过程行业提供优化的搅拌技术。EKATO创立于1933年，是一家家族公司，在全球欧洲、亚洲、大洋洲、南美洲、南非和美国有各子（分）公司以及合作的商贸公司所代表。在EKATO总部超现代化的研发中心我们有1000多平方米的实验室和为客户进行工艺分析测试的设备。我们的搅拌机生产制造仅在德国。

我们提供由数据库支持的备件和维修管理的完整服务、24小时的全球服务热线和包括了开车、设备改造和工艺优化改进的综合服务



EKATO FLUID	EKATO RMT	EKATO SYSTEMS
<p>Mixing technology for cost-effective applications</p> <p>用于考虑经济性场合的混合技术</p>	<p>Optimized mixing technology for all process-oriented branches, sealing technology</p> <p>适用于所有行业的优化的混合技术，密封技术</p>	<p>Complete and ready for connection units for mixing and drying</p> <p>整套的混合和干燥设备</p>

- Industrial agitators
- Side entry agitators
- Agitators of particularly robust design
- Agitators for small volumes
- 工业搅拌机
- 侧进式搅拌机
- 特殊刚性设计的搅拌机
- 小型搅拌机

- Reactors and agitators designed according to customer requirements and available in all arrangements
- Large agitators for bulk chemical applications
- Impellers - the perfect basis for optimized processes
- Processing units
- Mechanical seals and supply systems (ESD)
- 按客户的要求和现有的各种方案设计反应器和搅拌机
- 用于散装物料的大型搅拌机
- 桨叶- 是优化工艺的完美基础
- 处理单元
- 机械密封和供给系统 (ESD)

- Mixers and dryers for solids (SOLIDMIX)
- Vacuum process mixing systems (UNIMIX)
- High pressure homogenizers (NANOMIX)
- 固体的混合和干燥 (SOLIDMIX)
- 真空工艺混合系统 (UNIMIX)
- 高压均质机 (NANOMIX)

Areas of application: Biofuels, biotechnology, bulk chemicals, cosmetics, flue gas desulfurization, foods, formulated products, hydro-metallurgy, mineral oils, paints and coatings, paper and cellulose, pharmaceuticals, plastics, polymers, specialty chemicals, storage tanks

应用领域: 生物燃料、生物技术、散粒料化学品、化妆品、烟气脱硫、食品、定制产品、湿法冶金、矿物油、油漆和涂料、纸和纤维素、药品、塑料、聚合物、专用化学品、储罐

Engineering: Analysis of process-side requirements using trials in laboratory scale, modern simulation and calculation methods (CFD, FEM), test trials from 3 up to 1,000 liter, scale-up to production scale, reactor modules, complete solutions from one source

工程: 用实验室规模的试验设备和现代的模拟和计算方法 (CFD, FEM) 分析工艺方面的要求, 从3升到1000升的试验测试, 放大到生产规模, 反应器单元, 完整的解决方案由一家提供

Service: 24 hour service hotline worldwide, assembly, installation and start-up, spare parts, repairs, training, revisions, preventive maintenance, service contracts, modification and modernization, process optimization using FEM / CFD

服务: 24小时全球服务热线, 服务范围包括搅拌机组装、安装、开车、备件、维修、培训、修改、预防性维修、服务合同、改造和维新, 用FEM/CFD 进行工艺优化

