



尼欧迪克（青岛）除尘设备有限公司
 NEOTECHNIK(Qingdao)Dust Extraction Plant Co.,Ltd
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节能减排
 Energy Saving and Emission Reduction

工业除尘器和除尘系统

INDUSTRIAL FILTER AND DEDUSTING SYSTEMS



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MÜNSTERMANN and NEOTECHNIK

-two companies with tradition and much experience. Together we stand for top-quality, efficient solutions in dust collection technology.

MÜNSTERMANN

MÜNSTERMANN is one of the leading producers of industrial drying and heat treatment units, has sophisticated material handling technology as well as top-quality dust extraction plants.

明斯特曼

明斯特曼是世界领先的工业烘干和热处理设备生产商之一，具有先进的物料输送技术以及最顶级的除尘设备。

NEOTECHNIK

NEOTECHNIK has been committed to design and development of systems for air pollution control since its founding in Bielefeld in 1919. Now with over 90 years of experience and tradition, NEOTECHNIK has become a leading player in dedusting technology.

尼奥迪克

自 1919 年在比勒费尔德成立之日起，一直致力于设计开发针对控制大气污染的除尘系统。今天，拥有 90 多年经验及传统的尼奥迪克已经成为了除尘领域的领导者。

明斯特曼和尼奥迪克

两家公司拥有百年经验和传统，在除尘领域，拥有最先进的技术和最高效的解决方案。

Neotechnik (Qingdao) Dust Extraction Plant Co., Ltd

Neotechnik (Qingdao) Dust Extraction Plant Co., Ltd was founded in August 2006, as a joint venture company by the German Neotechnik GmbH (NEOTECHNIK ENTSTAUBUNGSANLAGE GmbH) and Qingdao Machinery Industry Corporation.

尼奥迪克(青岛)除尘设备有限公司

尼奥迪克(青岛)创建于 2006 年 8 月，是由德国尼奥迪克除尘设备有限公司和青岛市机械工业总公司共同出资兴建的合资企业。

Neotechnik (Qingdao) introduces the advanced international concepts into China, and improves the capacity of technology research and scientific innovation on the basis of the German Patents of dust removal technology and advanced management experience. We design targeted dedusting system individually. The products meet even exceed the requirements of dust removal equipment especially in foundry and tobacco industry, win the trust of users.

尼奥迪克(青岛)将国际领先的除尘理念引入中国，在吸收德国专利除尘技术和先进管理经验的基础上，迅速提高了技术研发和科研创新能力，为每一用户设计具有针对性的除尘系统，尤其在铸造和烟草除尘行业，公司产品符合甚至超过该行业对除尘设备的要求，赢得用户的广泛信赖。





铸铝厂除尘器



铸造厂大气反吹除尘器



矿石行业除尘器



烘干设备除尘器

Flat bag filters (扁袋除尘器)

- compact design with large surface areas
- 过滤面积大且紧凑化设计

Our compact bag filters work using the proven 'Down—flow' rinciple. This is suitable especially for fine,light and fibrous dusts. For example,the dust in the production of metal or in the metal producing industry.

我们的紧凑型扁袋除尘器采用“气流从上向下”的设计。其特别适用于清除重量轻、体积小和纤维状粉尘，例如典型的冶金或者金属制造工业中产生的粉尘。

Operation and servicing are simple because of the side inspection doors. The filter bags can be easily removed from a servicing platform without any special tools.

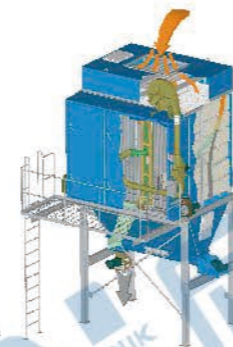
通过检修门进行操作和维护简单方便。滤袋可以不使用特殊工具轻松取出。

The dust of the filter bags is carried out by either a mobile purge air cleaning carriage or using jet-pulse cleaning device.

通过可行走的反吹小车或者脉冲喷吹进行滤袋清灰。

Solid welded was designed for high pressure tolerance.

牢固的焊接,适用于高压工况。



大气反吹除尘器

Round bag filters (圆袋除尘器)

- flexible and robust
- 灵活且结实耐用

We provide strong, durable modular round bag filters with their fully-automatic pulse-jet dedusting system. The crude gas and clean air sections are optimally separated from one another. The bottom of bags were fixed by the snap ring. Large and easily accessible inspection doors make a quick and uncomplicated filter change possible from the clean air side.

我们提供结实、耐用的模块化圆袋式除尘器，并带有自动脉冲喷吹清理系统。含尘气体部分和洁净气体部分最优化的予与分离。滤袋底部通过卡环来固定。从洁净气体室一侧的检修门进入除尘器，快速并简便的更换滤袋。

The strength of the round bag filter is well demonstrated in the area of heavy, abrasive and fibrous dusts. The integrated pre-separating device removes the larger dust particles before contacting filter medium.

圆袋式除尘器的优势体现在处理粉尘量大、研磨性强或者纤维状的粉尘方面。其内部集成的预分离结构使大粉尘颗粒在接触滤料前被剥离。



双过滤室除尘器



双层冷却器



冲天炉除尘器



中频炉吸尘罩



电弧炉封闭室

Surface cooler (表面冷却器)

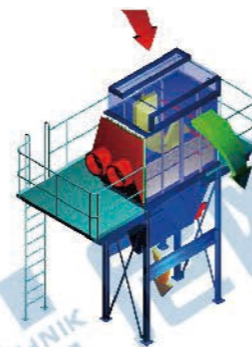
- economic and well-thought out
- 经济且高效率

Depending on the selected filter medium the stream of gas in hot gas applications has to be cooled before the dedusting process. Our surface coolers are economically employed when process temperatures up to 600°C.

在高温气体除尘时，根据滤料的选择需要，在过滤前对含尘气体进行冷却。温度达到600°C时，我们的表面冷却器依然是最经济的选择。

With our cooling system there is no need for further addition of water or process air. The volume flow rate of the gas can be considerably reduced.

使用我们的冷却系统将不需要额外的水喷淋或者补风。籍此可以使除尘气体量明显降低。



表面冷却器

Detection systems (吸尘罩)

- Practical and efficient
- 实用且高效

An efficient dedusting unit is based on an optimal gathering of the discharged air to be cleaned.

一套高效的除尘设备首先基于它能完美的收集含尘气体。

For this we design and produce the followings:

- > Hoods for induction furnaces
- > Complete enclosures for electric arc furnaces
- > Extraction walls and cabins
- > Swivel hoods

为此我们设计并制造：

- > 电炉吸尘罩
- > 电弧炉整体封闭室
- > 侧壁式除尘罩及封闭室
- > 可旋转除尘罩

Accessories (附加配件)

- comprehensive range of goods
- 丰富且专业

- > Pre-separators such as cyclone and skimmer
- > Discharge elements: rotary valve, double pendulum flap, conveying and plug screw
- > Dust handling system
- > Filter medium

- > 预分离装置：旋风和旋转分离器
- > 排灰结构：星型卸灰阀、双摆阀、螺旋输送机
- > 灰尘处理系统
- > 滤料



旋风除尘器



尸体焚烧除尘器



铸铝厂有害物质除尘器



控制系统



控制元器件

Harmful gas absorption (吸附有害气体)

- safe and efficient
- 安全且高效

In order to reduce the amount of the harmful gases we can supply additive inlets in the stream of crude gas. By means of absorption for example hydrogen chloride. Sulphur dioxide and hydrofluoric acid can be combined. Similarly we offer solutions for eliminating dioxine and furan.

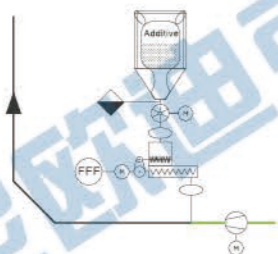
通过对含尘气体注入添加材料,有效吸附并凝结成块,从而清除气体中的有害物质以及异味。例如:去除二恶英以及呋喃树脂。

Our systems are employed in:

- > Crematoria
- > Melting processes
- > incinerators
- > Cupola melting furnaces

广泛应用于:

- > 尸体焚烧炉
- > 熔化过程
- > 垃圾焚化炉
- > 冲天炉



Measurement and Control

测量与控制

Together with our own measurement and control department, we put our customers' control concepts and interfaces into practice.

连同我们的测量和控制部门,我们结合客户的控制理念和接口,将控制系统付诸实践。

Hardware and control from one source without interface problems.

硬件和系统控制同源,不会出现接口匹配问题。

Provide information technology and service through the network.

通过网络提供信息化的应用技术和服务。

Additional services

额外服务

We provide a set of targeted services of the system such as professional consulting, design, development, equipment production, installation, commissioning, training and so on.

我们提供系统的专业咨询、设计开发、设备生产、安装调试、培训等一整套的针对性服务。

Quick and reliable spare parts and service are available.

我们提供快速和有效的备件和各种售后服务。

Conversion and modernisation of old facilities.

现有老式除尘系统的现代化改造。



中频电炉除尘器



冲天炉除尘器



烟草行业除尘器



风送控制系统

Foundry 铸造厂

We have almost one hundred year of experience in providing a complete solutions of dust for all phases of the foundry process.

Equipment is widely used in:

- > Furnace charging area
- > Smelting furnace
- > Moulding-, casting- and cooling lines
- > Sand treatment and processing
- > Cast iron treatment (cleaning, blasting, arc air cutting)

我们拥有近百年铸造领域除尘的经验，为铸造过程的所有阶段提供整套除尘解决方案，设备广泛应用于：

- > 加料区
- > 熔炼炉
- > 浇铸段和冷却段
- > 砂处理和再生
- > 铸件表面处理（清理、喷丸、气割）

Hot gas 热废气体

We provide a complete cooling and dust removal scheme for hot waste gas processing.

Equipment is widely used in:

- > Effluent sludge dryers
- > Crematoria
- > Wood burning incinerators
- > RDF-plants
- > Furnace extraction systems

对于热废气体的处理，我们提供完整的冷却及除尘方案。

设备广泛应用于：

- > 污水污泥烘干机
- > 火葬场
- > 木材燃烧炉
- > 垃圾焚烧厂
- > 熔炉吸尘系统

Tobacco 烟草

More than 50 years experience and practice in tobacco industry make us into a reliable contact partner and supplier. We supply fully-automatic systems for the processing of raw tobacco, treatment of tobacco and the production of cigarettes.

烟草行业中50多年的经验和实践，使我们成为行业内可靠的合作伙伴和供货商。我们提供复烤、制丝、卷接车间的全自动除尘设备。



Application

- > Primary tobacco treatment
- > Tobacco feeding and extraction system, blend selection station
- > Cigarette extraction system
- > Stem collection system
- > Dust transport and treatment
- > The central vacuum cleaning system
- > Spark and fire prevention
- > Odor treatment

应用：

- > 制丝过程灰尘收集
- > 风力送丝及平衡系统，牌号分配站
- > 卷接包部分灰尘收集
- > 烟梗收集
- > 灰尘气动运输及处理
- > 中央真空清洁系统
- > 火星及火灾预防
- > 异味处理



Quarry, mining and mineral industry
矿石行业

In the stone and earth industry we give effective support to our customers as high performance partners for static and mobile dedusting units.

在矿石行业中，我们提供高效的除尘解决方案。

Equipment is widely used in:

- > Crushers and mills
- > Conveying systems and handover points
- > Silos assignments and bulk consignments
- > Dedusting screens and bucket elevators

设备广泛应用于:

- > 碾磨机和破碎机
- > 输送段和输送转接
- > 料仓分配和散料运输
- > 分选筛和斗提机

Cement, lime and gypsum
水泥、石灰和石膏

The cement, lime and plaster industry is supplied with our filter systems for all of the following applications:

- > Feed hopper, crushers, sifters in lime and marl stone quarries
- > Raw material warehousing and conveyor belts
- > Hot gases from raw meal mills
- > Fuel processing
- > Interim storage of bricks in a brick silo
- > Fine grinding in a cement mill
- > Mixing with additives
- > Bulk materials, packing and transport
- > Drying units
- > Lime shaft kilns

我们的除尘器在水泥、石灰和石膏行业，提供高效的除尘解决方案。

设备广泛应用于:

- > 进料斗、破碎机、石灰筛和泥灰岩矿场
- > 原料仓库和传送带
- > 生料研磨产生的热气体
- > 燃料处理
- > 砖砌筒仓的临时存储
- > 精细研磨的水泥磨机
- > 混合添加剂
- > 散装物料, 包装和运输
- > 干燥装置
- > 石灰竖窑





食品行业除尘器



化工行业除尘器



现场测量



滤袋加工

Food and drinks 食品和饮料

The food and drinks industry has a variety of requirements in regard to dedusting technology.

食品和饮料行业有着各种各样的除尘技术要求。

The MÜNSTERMANN and NEOTECHNIK have the ability to offer a variety of solutions for the filtering of processed air in drying processes, the dedusting of silos and conveyor lines or the pneumatic conveyance of foodstuffs such as herbs and spices.

明斯特曼和尼欧迪克有能力提供多种解决方案：干燥处理过程中的空气过滤；粮仓和物料输送以及食品的运输（例如香草和香料）的除尘。

Chemical industry 化工

For dedusting and processing filters for the chemical industry there are special requirements. In the air to be filtered or in the gases aggressive substances occur to some extent. Here the units are needed in stainless steel and with explosion protection such as explosion flaps. Along with the pure filtering you can also control the flow of process air (e.g. when using drying).

化工行业对除尘和过滤处理有着特殊的要求，在过滤含尘气体时，气体会造成设备一定程度的腐蚀，这里需要不锈钢制作和防爆处理（例如防爆阀）。除尘系统可以控制含尘气体的流量（例如干燥处理）。

References 用户清单

