

PROHMEX

泊米克斯

污水处理

WASTEWATER TREATMENT

适用于每个工厂的创新科技
The Innovative Technology
for every Factory



合作伙伴：
In partnership with:



EUROPEAN
BUYERS
COUNCIL



无排放·零污染·无残留
 泊米克斯
 您的废水处理专家

No emission. No discharge. No leftovers.

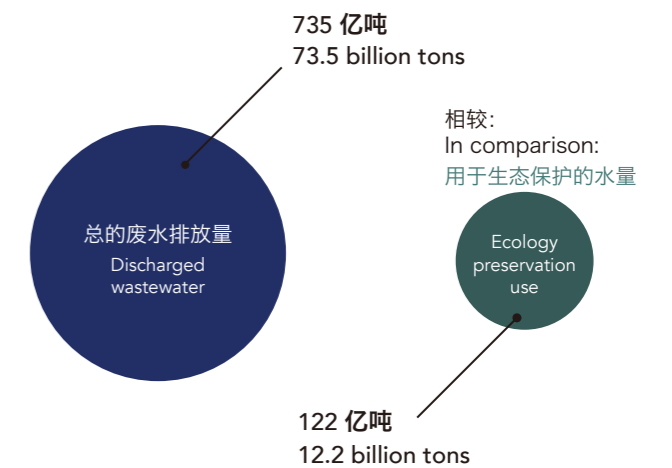
Prohmex
 Taking care of your wastewater.

中国目前的形势 Current Situation in China

● 中国的废水排放总量 Total Discharged Wastewater in China

截至2015年，从中国的工业和其他部门排放出的废水多于生态保护用水的6倍。

Up to 2015, the total wastewater discharged in China is more than 6 times larger than the water used for ecology preservation.



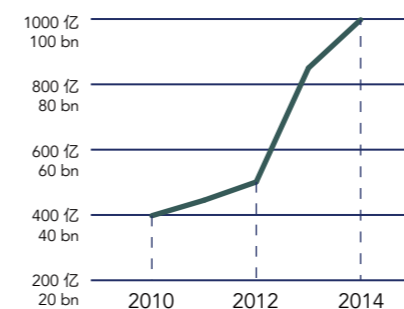
● 未经适当处理的废水量 Amount of Discharged Wastewater without Adequate Treatment

42个工业行业中，有18个行业的废水排放超过了适当处理的水的量。

In 18 of 42 industrial sectors the discharged wastewater exceeds the amount of treated water.

● 中国政府的努力 Effort of Chinese Government

中国政府在污水处理行业的投入:
 Investment amount of Chinese government in the wastewater treatment sector:



年均增长达:
 An average annual growth of:
150.1 亿元
 15.01 billion RMB

《水资源保护行动计划》
 "Action Plan of Water Protection"

对污水处理产业的直接贡献:
 Direct contribution to wastewater treatment industry:

4200 亿元
 420 billion RMB

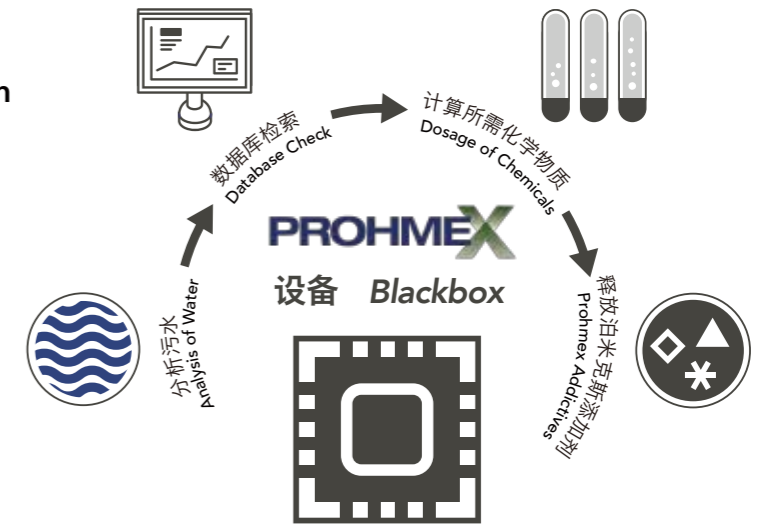
2015年中国政府发布的《水资源保护行动计划》预计将会给预防水污染和专业设备产业带来4200亿人民币的直接投入。

In 2015, the governmental "Action Plan of Water Protection" has an estimated direct contribution of 420 billion RMB to the industry of water pollution prevention and professional facilities.

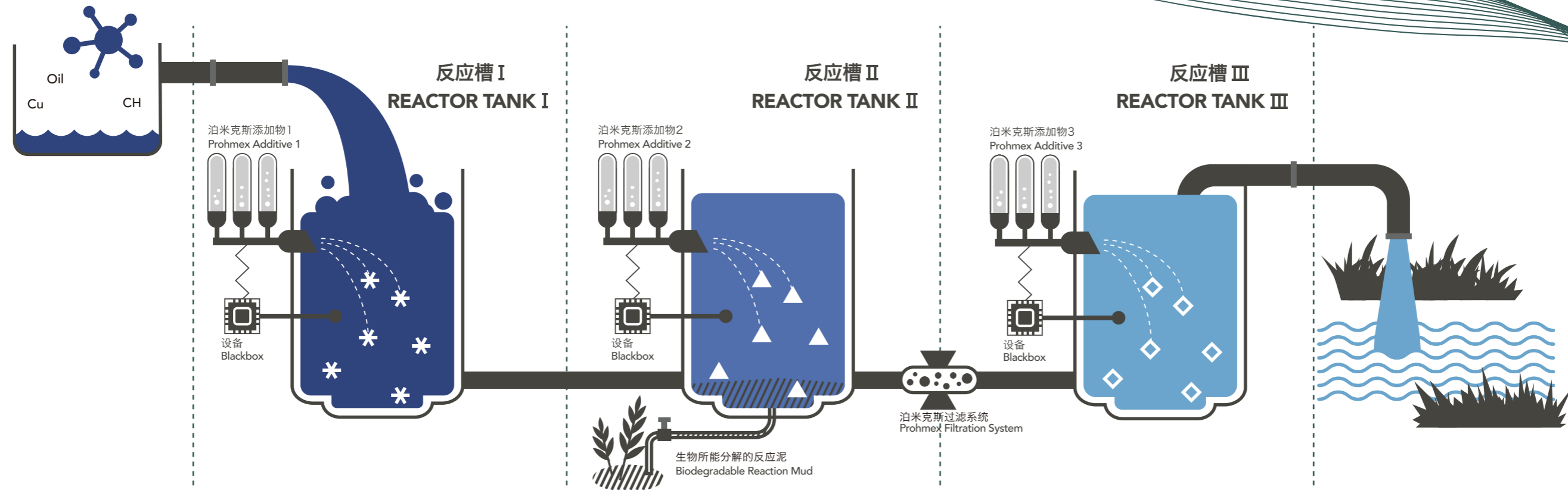
数据来源: 中华人民共和国环境保护部
 Resources: Ministry of Environmental Protection of the P.R.C.

技术工序 Procedure of the Technology

● 设备演示 Blackbox Explanation



● 处理步骤 Treatment Process



投入的废水 Wastewater Input:

- 所有类型的工业废水
- 一套设备就能完成整个流程
- All types of industrial wastewater
- One facility needed for the entire treatment process

准备阶段: Preparation Phase:

设备将对污水进行分析, 检查数据库, 计算所需化学物质及剂量, 合成并释放:
▶ 泊米克斯添加剂1

Prohmex Blackbox will analyze water pollution, check the database, dosage the required chemicals and release:
▶ Prohmex Additive 1

电化学阶段: Electro-Chemical Phase:

泊米克斯设备释放:
▶ 泊米克斯添加剂2
· 电化学反应
· 电凝法
· 可生物降解反应泥
▶ 在整个泊米克斯快速堆肥过程中可实现循环

Prohmex Blackbox releases:
▶ Prohmex Additive 2
· Electro-chemical reaction
· Electrocoagulation
· Biodegradable reaction mud
▶ Recyclable through Prohmex Fast Composting Process

结束阶段: Finalisation Phase:

泊米克斯设备释放:
▶ 泊米克斯添加剂3
· 消灭细菌及微生物

Prohmex Blackbox releases:
▶ Prohmex Additive 3
· Germs & Bacterias elimination

处理后的污水: Treated Water Output:

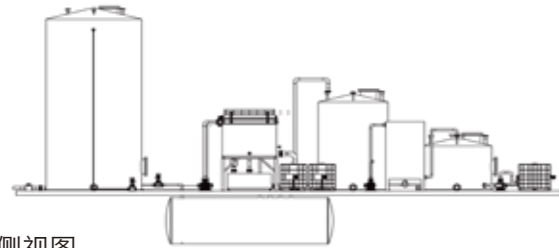
纯净度及质量水平高于国际饮用水标准15%

Purity and quality level is 15% above international standardized drinking water

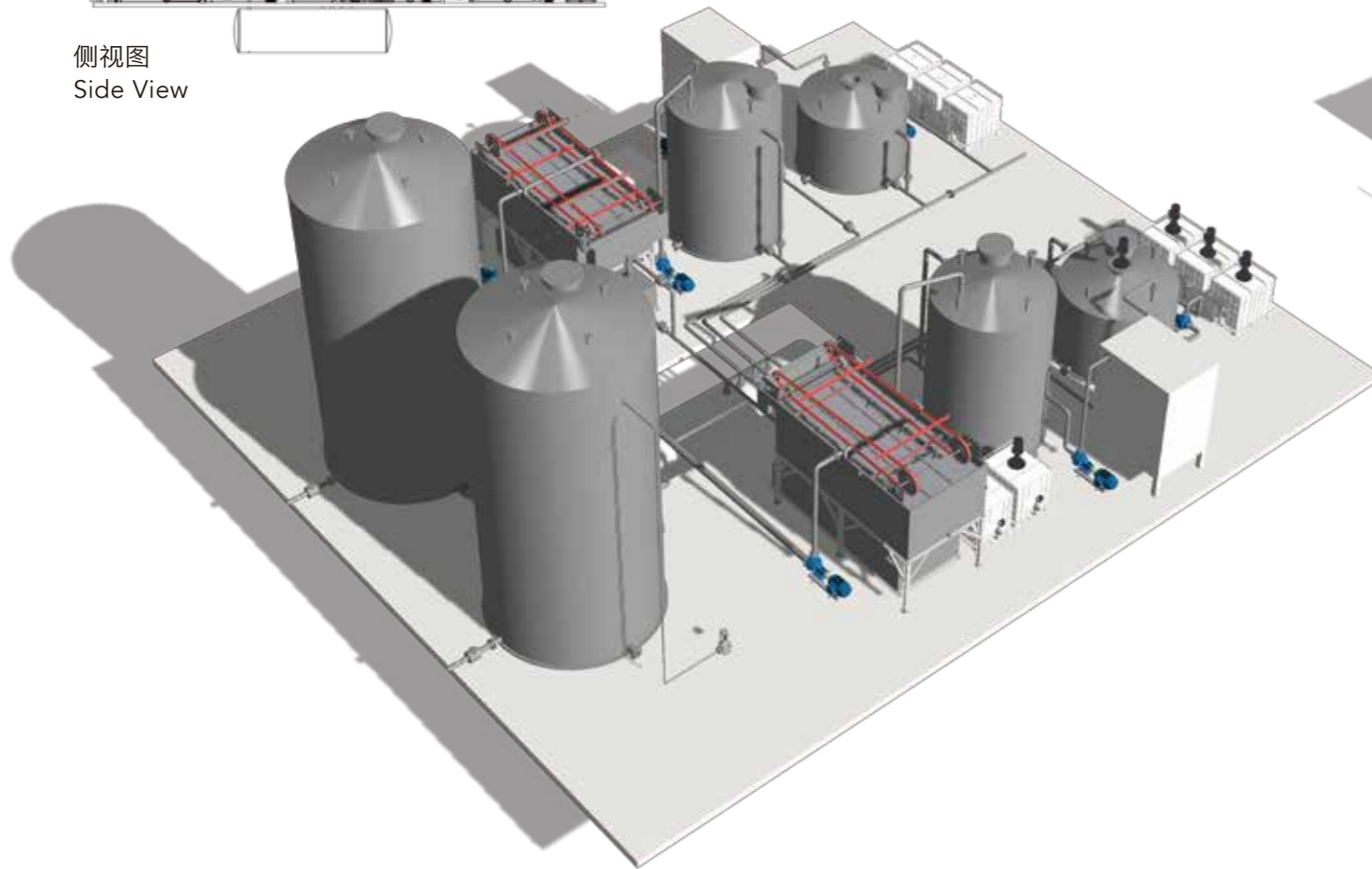
工业使用 Industrial Use

固定设备 Stationary Facility

移动单元 Mobile Unit



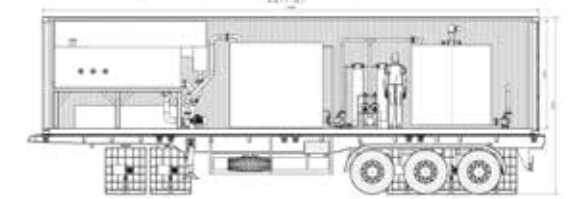
侧视图
Side View



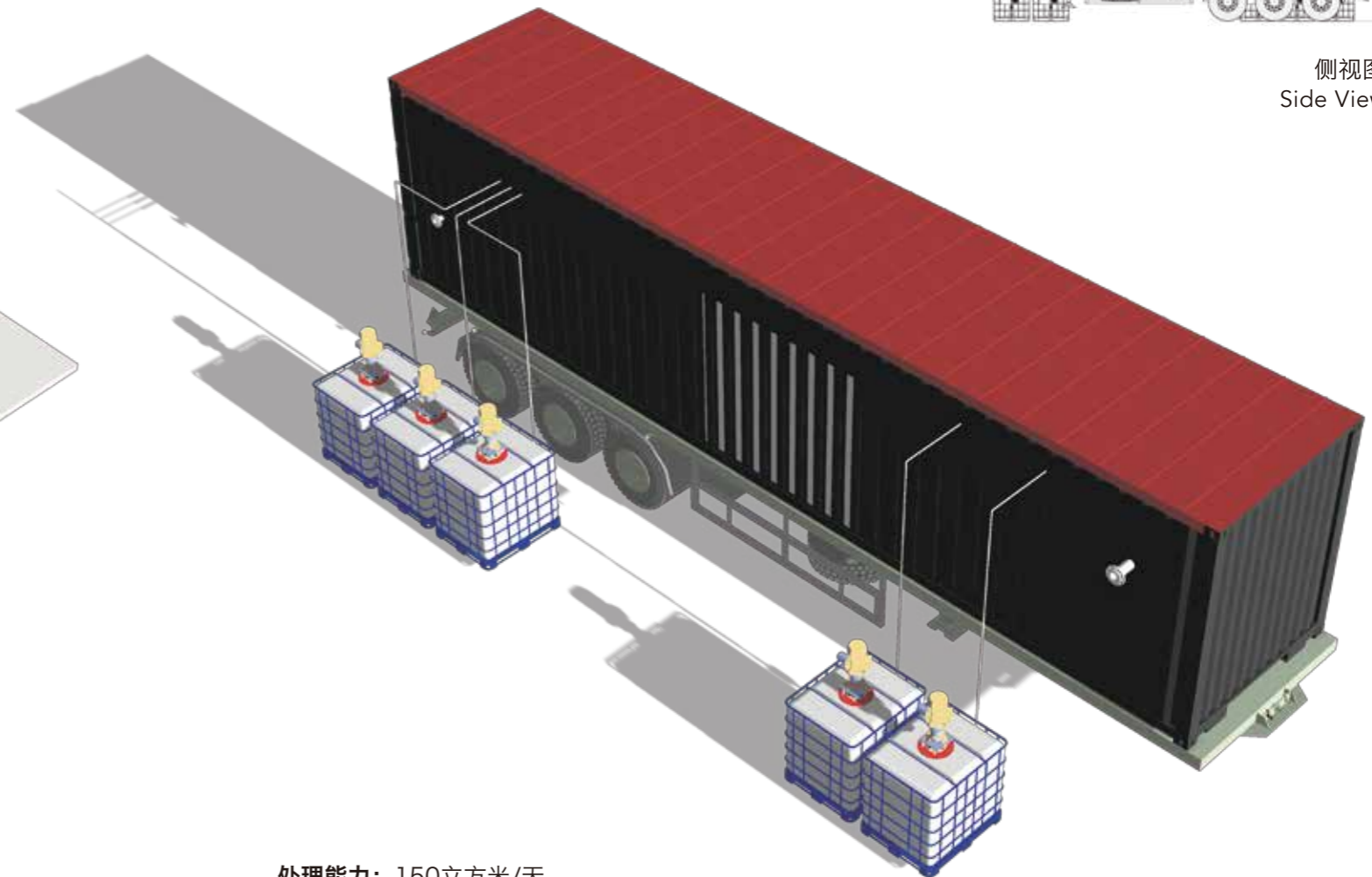
处理能力: 200立方米/天; 400立方米/天; 800立方米/天
使用: 大中型工厂
优点: · 模块化的容量和功能能适用于各种情况的设施扩建
 · 节约工厂空间的设计, 易于集成到已有工厂中

Capacity: 200 m³/d; 400 m³/d; 800 m³/d
Use: Medium & big sized factories

Advantages:
 - Modular in its capacity and function for individual enlargement of facility
 - Space saving plant design for convenient integration into existing factories



侧视图
Side View



处理能力: 150立方米/天
使用: 可以在你的多个工厂中使用或与合作伙伴共享
优点: · 可根据变化的环境、政策规定或经济需要, 灵活、迅速反应
 · 安装快速, 并且完美适应中国的市场环境 (中国工厂平均污水日排量135.05立方米)

Capacity: 150 m³/d
Use: Share between your factories and cooperative partners

Advantages:
 - Be flexible and react quickly on changing circumstances like environment, political regulations or economic demands
 - Quick installation, which perfect fits to the Chinese economy (average wastewater amount per Chinese factory 135.05 m³/d)

六大优势 Six Advantages

● 多样性 Diversity

几乎所有类型的污水都能在同一工厂中进行处理
Almost all types of wastewater can be treated in the same plant

- ▶ 染料废水 Dye wastewater
- ▶ 冷却剂 Coolants
- ▶ 固态和液态的化粪池废物
Septic tank waste in solid and liquid form
- ▶ 化学和重金属污染的废水流
Chemical and heavy metal contaminated wastewater stream
- ▶ 各种污泥 Sludge's



● 时间 Time

处理时间短
Low processing time

24小时
24 hours



泊米克斯污水处理系统
Prohmex wastewater treatment

2至6天 (取决于污水类型)
2 till 6 days (depending on wastewater)

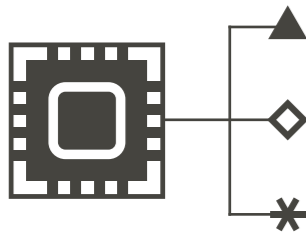


普通的污水处理系统
Common wastewater treatment

● 技术 Technology

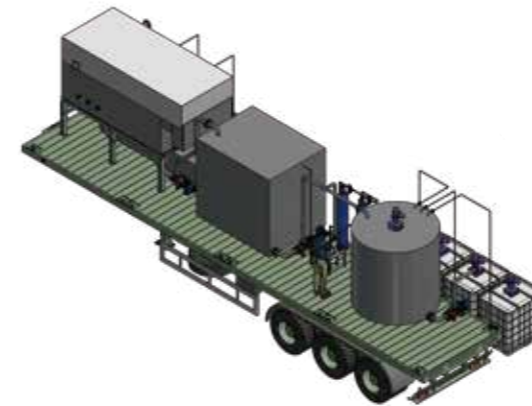
创新性的泊米克斯设备 Innovative Prohmex Blackbox

- ▶ 能对污水进行分析 Analyzes wastewater
- ▶ 检索数据库 Checks the database
- ▶ 计算所需化学物质及剂量 Dosages the required chemicals
- ▶ 合成释放Prohmex添加物 Releases unique Prohmex Additives



● 移动性 Mobility

可放置在卡车上的移动污水处理厂
Mobile wastewater plant on truck



可在多家工厂之间共用，安装便捷，不占空间
Share between factories, quick installation and space saving

● 经济 Economy

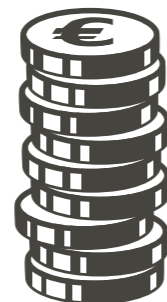
运行成本低
Low running costs

15欧元/立方米
15 EUR per m³



泊米克斯污水处理系统
Prohmex wastewater treatment

54欧元/立方米
54 EUR per m³



普通的污水处理系统
Common wastewater treatment

● 质量 Quality

处理后的污水纯净度和质量平均比国际饮用水标准高出15%
The purity and quality of the treated water is in average 15 % above the international standard of drinking water




达到可饮用水平
Drinking water level



(由 DAKKS 德国认证处测试及认证)
(tested and certified by DAKKS Deutsche Akkreditierungsstelle)

数据来自欧洲污水处理行业
Data from European market



我们无法根治地球上的环境问题，
但我们能让世界某一隅更加清洁。

We cannot make the enviromental problems
of the Earth diappear completely,
but we can make the Earth a piece cleaner.

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Taking care of your wastewater.

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