



搅拌站环保设备制造专家

Mixing Environmental Protection Equipment Expert



青岛恩普环保设备有限公司

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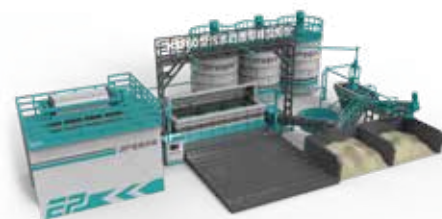


恩普环保——“一站式”环保型搅拌站整体打造方案



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第三代混凝土砂石分离机

The third generation concrete gravel separator

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Intelligent environmental protection centralized dust removal and discharge system

料场喷雾除尘

Stockyard spray dust removal

室外抑尘系统

Outdoor dust suppression system



关于我们

ABOUT US

青岛恩普环保设备有限公司是江北地区优质的环保设备机械制造商之一，砂石分离机行业标准参编单位。公司拥有专业的研发团队50余人，设有两个国内研发中心，并且与国外研发机构签署了长期的战略合作协议。

恩普环保自成立以来，先后申请十余项国家专利，荣获30多个国家及行业协会颁发的荣誉证书。其中自主创新研发的G40砂石分离机、H60污水处理系统等机械环保设备为国内知名品牌，年销量节节攀升，打破了外资品牌长期垄断的现状，改变了行业竞争格局，成为砂石分离机行业佼佼者。

青岛恩普环保设备有限公司已经完成销售收入5000余万人民币，并在全国建成北京、上海、天津、西安、太原等28家销售网点，并远销俄罗斯、哈萨克斯坦、菲律宾、蒙古、埃及、马来西亚等30多个国家，恩普环保正以优异的性能服务于全世界！

Qingdao Enpu Environmental Protection Equipment Co., Ltd. is one of the high-quality environmental protection equipment manufacturers in the Jiangbei region. The company has more than 50 professional R & D teams, has two domestic R & D centers, and has signed long-term strategic cooperation agreements with foreign R & D institutions.

Since its establishment, Enpu Environmental has applied for more than ten national patents and won honorary certificates issued by more than 30 countries and industry associations. Among them, G40 sand and gravel separator, H60 sewage treatment system and other mechanical and environmental protection equipment independently researched and developed are well-known domestic brands, and the annual output and sales are rising, breaking the status quo of long-term monopoly of foreign brands, changing the industry competition, and becoming sand and gravel separation Machine industry leader.

Qingdao Enpu Environmental Equipment Co., Ltd. has completed sales income of more than 50 million yuan, and has established 28 sales outlets in Beijing, Shanghai, Tianjin, Xi'an, Taiyuan, etc., and exported to Russia, Kazakhstan, Philippines, Mongolia, Egypt, Malaysia In more than 30 countries, Enpu Environmental Services is serving the world with excellent performance!

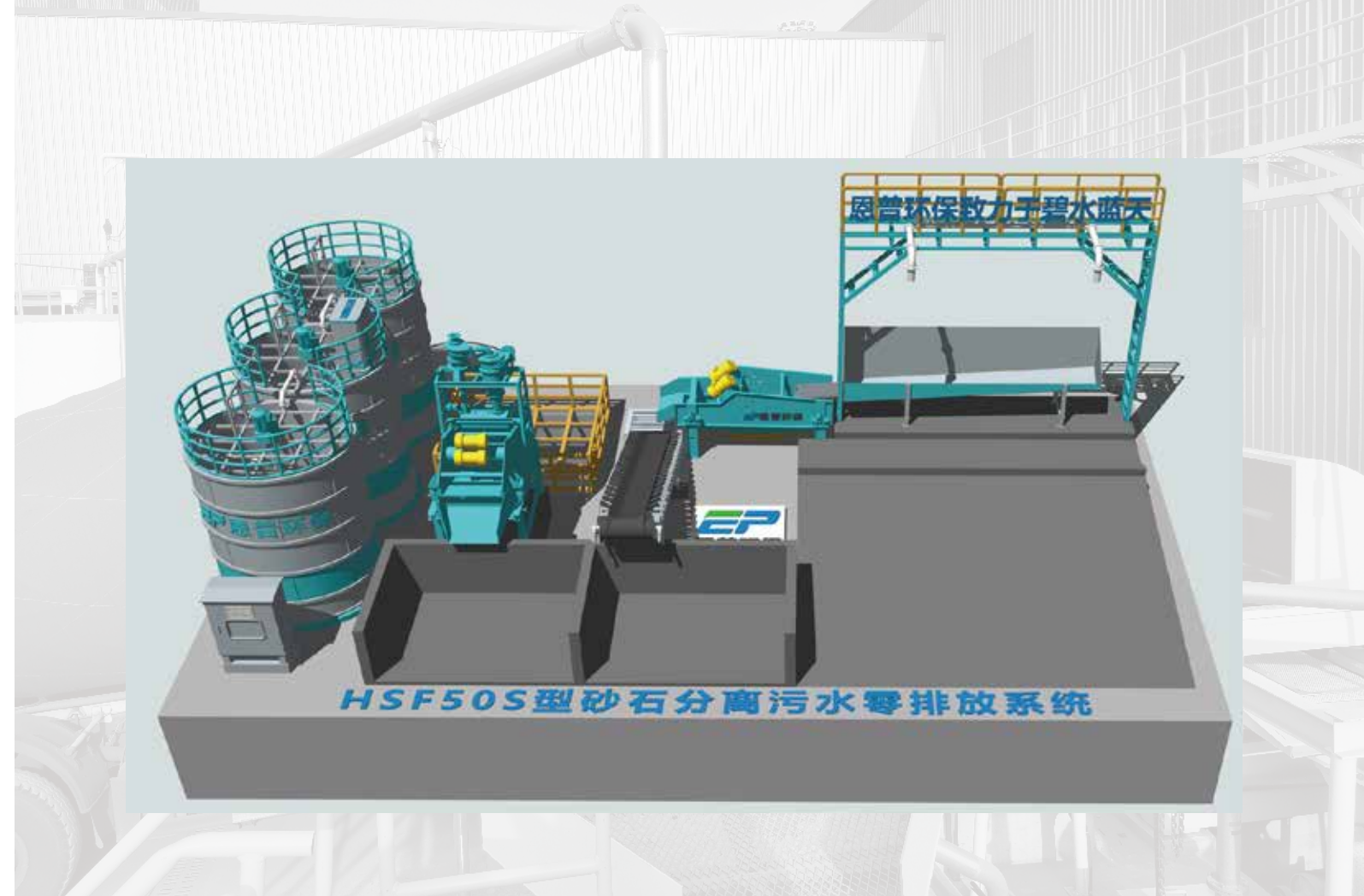
资质与荣誉

QUALIFICATION HONOR



HSF50S型零排放污水处理系统

HSF50S ZERO-DISCHARGE SEWAGE TREATMENT SYSTEM



◆产品介绍 PRODUCT INTRODUCTION

我公司研发生产的HSF50S型砂石分离机是一种专业分离混凝土设备。

采用全新的直线振动筛分技术，动平衡效果好，分离混凝土更干净、更迅速；模块化结构设计，布局更灵活。

The HSF50S type concrete reclaimer developed and produced by our company is a professional piece of equipment for separating concrete. It adopts an innovative linear vibrating screening technology, which ensures excellent dynamic balance performance, enabling cleaner and faster separation of concrete. Additionally, its modular structural design allows for more flexible layout arrangements.

◆优势 ADVANTAGE

- ◇ 高端子母旋流器，细砂回收率极高，使用寿命 10 年以上
- ◇ 采用双旋流，双振动筛设计，智能化程度高，面砂处理效果极好，解决处理不干净的问题
- ◇ 采用全新振动筛分技术，动平衡效果好，维护使用便捷性大大提高
- ◇ 满足多条线大型商混站，2、3及以上多车位设计，布局灵活
- ◇ High-end primary-secondary cyclone with extremely high fine sand recovery rate and a service life exceeding 10 years.
- ◇ The design incorporates dual-cyclone and dual-vibrating screen systems, featuring high intelligence and delivering exceptional performance in fine sand processing. It effectively resolves the issue of incomplete treatment.
- ◇ It employs a brand-new vibrating screening technology, ensuring excellent dynamic balance performance and significantly enhancing the convenience of maintenance and operation.
- ◇ It caters to large-scale commercial concrete mixing plants with multiple production lines, featuring a design that accommodates 2, 3, or more truck bays and offers flexible layout options.

◆主要技术参数 Main technical parameters

项目 Item	参数 Parameter
混凝土筛分能力 Concrete screening capacity	50T/H
生产能力 production capacity	270站4条
整体占地 Overall area (m)	19x19
整机功率 total power (KW)	17.5
整机质量 Overall quality	9T

◆工程案例 PROJECT CASE



细砂回收机

FINE SAND RECYCLING MACHINE



◆ 产品介绍 PRODUCT INTRODUCTION

恩普细砂回收机通过子母旋流器对细砂和泥浆进行分级浓缩，细砂被分离出来，再通过振动筛网将细砂与水有效分离，脱水后的细砂重量浓度80%以上，经过处理后的污水含砂率极低。主要应用于砂石骨料生产线的洗砂和细砂回收，矿山、冶金行业物料筛选分级。

The Enpu (name of the equipment, retained as is for brand recognition) fine sand recovery machine achieves classification and concentration of fine sand and slurry through a primary-secondary cyclone setup. The fine sand is separated and then effectively separated from water via a vibrating screen. The dewatered fine sand has a weight concentration of over 80%, and the processed wastewater contains an extremely low sand content. This machine is primarily used for sand washing and fine sand recovery in sand and gravel aggregate production lines, as well as for material screening and classification in the mining and metallurgical industries.

◆ 优势 ADVANTAGE

- ◇ 高效分级:通过串联的组合，母子旋流器能够提高分级效率，确保作业指标的稳定性。
- ◇ 精细分离:子旋流器在剩余的压力下进行精细分离，适用于去除更细小的颗粒。
- ◇ 防堵设计:采用锥形防堵技术和高开孔率保证脱水效果。
- ◇ 性能稳定:振动电机采用知名品牌，运行稳定，故障率低。
- ◇ 适用范围广:适用于各种需要高效分级和去除细颗粒的场合。
- ◇ Efficient classification: Through a tandem combination, the primary-secondary cyclone setup enhances classification efficiency and ensures the stability of operational indicators.
- ◇ Fine separation: The secondary cyclone conducts fine separation under the remaining pressure, making it suitable for removing even finer particles.
- ◇ Anti-clogging design: It employs conical anti-clogging technology and a high open-area ratio to ensure effective dewatering.
- ◇ Stable performance: The vibration motor is sourced from a renowned brand, ensuring stable operation and a low failure rate.
- ◇ Wide application scope: It is suitable for various scenarios requiring efficient classification and removal of fine particles.

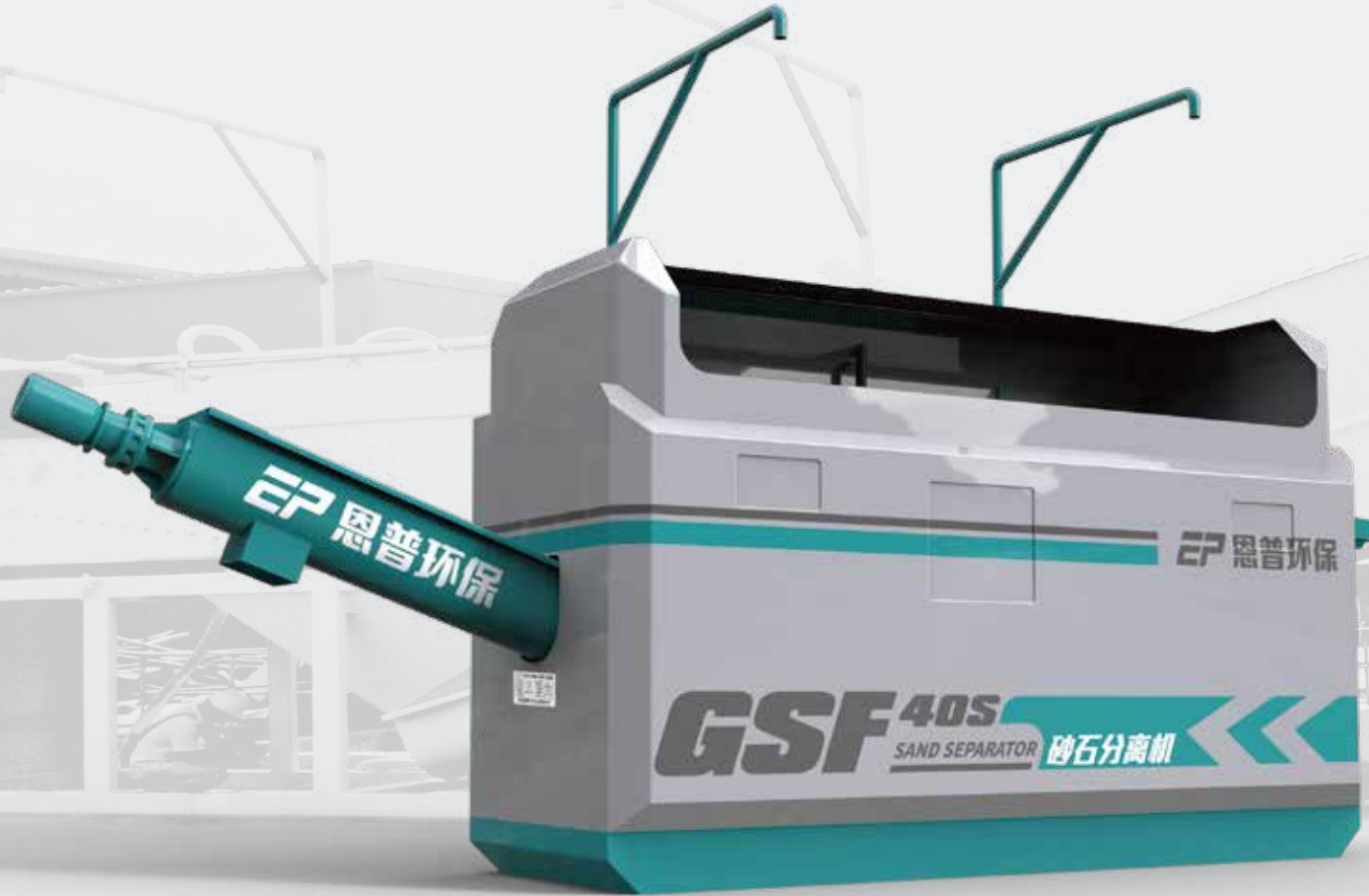
◆ 主要技术参数 Main technical parameters

项目 Item	参数 Parameter
处理量 handling capacity (m³h)	60-80
整机重量 total weight (T)	3.8
外型尺寸长x宽x高 Dimensions(LxWxH)(mm)	3500x1800x4500
整机功率 Power of main Body (KW)	5



第四代湿混凝土砂石分离机

THE FOURTH GENERATION WET CONCRETE SAND AND GRAVEL SEPARATOR



◆ 产品介绍 PRODUCT INTRODUCTION

我公司研发生产的GSF40型砂石分离机是一种专业分离混凝土设备。采用全新的直线振动筛分技术，动平衡效果好，分离混凝土更干净、更迅速；开放式结构设计，维护使用更便捷。

The GSF40 gravel separator developed by our company is a professional concrete separating equipment. The new linear vibration screening technology is adopted, which has a good dynamic balance effect and separates concrete more quickly and cleanly. The open structure design makes maintenance easier.

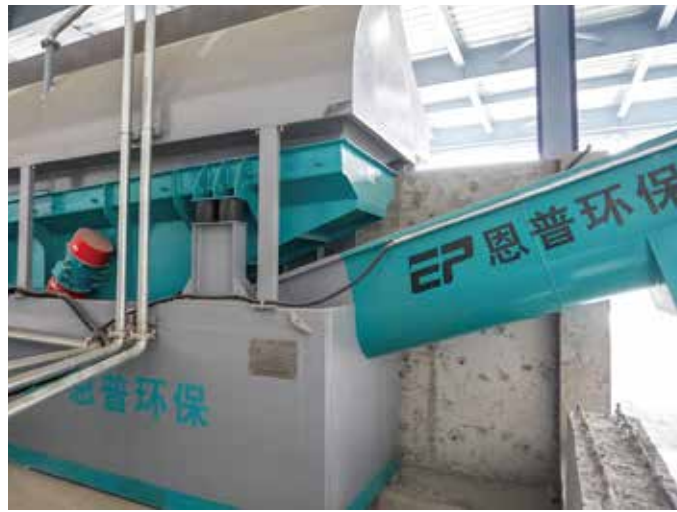
◆ 特点 FEATURES

- ◇ 整体开放式设计，可直接倾倒混凝土，不易堵塞
 - ◇ 处理效率高，可达到每小时分离40t混凝土
 - ◇ 独特挡水板设计（专利），污水含沙量远低于国家标准
 - ◇ 大容量污水斗设计，可两罐车同时大方量卸料，无需等待
 - ◇ 拥有6项国家专利技术，高度智能化，全自动控制
-
- ◇ The overall open design allows concrete to be poured directly without being clogged
 - ◇ Fast processing efficiency, can reach 40t concrete per hour
 - ◇ Unique baffle design (patented), the sediment content of sewage is far below the national standard
 - ◇ Large-capacity sewage hopper design, which can unload two tankers at the same time without waiting
 - ◇ With 6 national patented technologies, highly intelligent and fully automatic control

◆ 主要技术参数 Main technical parameters

型号 Item	GSF40
混凝土筛分能力 Screening Capability	40T/H
生产能力 Throughput	270站两条Two 270 station
外型尺寸长 x 宽 x 高 Dimensions(L x W x H) (mm)	9840 x 3500 x 3950
整机功率 Power of main Body (KW)	13.5
整机质量 Weight of main Body(KG)	8000

◆ 工程案例 PROJECT CASE



“一站式”环保型搅拌站打造方案
"ONE-STOP" ENVIRONMENTALLY FRIENDLY MIXING PLANT



第三代混凝土砂石分离机

THE THIRD GENERATION CONCRETE GRAVEL SEPARATOR



◆主要技术参数 Main technical parameters

项目Item	单位Unit	参数 Date			
产品型号Product Model	—	THS10	THS20	ZSF30	ESF30
筛分能力Screening Capability	t/h	10—20	20—30	30—40	30
分石尺寸Stone size Screened	mm	—	>φ5	>φ5	>φ5
分砂尺寸Sand size Screened	mm	—	Φ 1—Φ 5	Φ 1—Φ 5	Φ 1—Φ 5
搅拌车数量Mixing Trucks Number	Qty	<10	10—30	>30	<20
主机功率Power of main Body	kw	7.5	7	5.5	4
主机重量Weight of main body	kg	2000	5000	4000	3000
外形尺寸(长 × 高 宽) Dimensions(L × W × H)	mm	6660x1200x3100	6360x1750x2600	4680x2220x2290	4500x1700x2190

◆产品介绍 PRODUCT INTRODUCTION

本代砂石分离机主要用于混凝土搅拌站的搅拌车清洗及
剩余废弃混凝土、砂石的分离机回收再利用，该装置的使用
可以彻底解决废弃混凝土的污染问题，并可节约资源，是搅
拌站理想的环保配套节能产品。

This generation of sand and gravel separator is mainly
used for cleaning the mixer truck of the concrete mixing
station and recycling the remaining waste concrete and sand
and gravel separators. The use of this device can completely
solve the pollution problem of waste concrete and save
resources. Stand ideal environmental protection supporting
energy-saving products.

◆特点 TECHNICAL FEATURES

- ◇ 结构简单，故障率低，操作安全，维护方便。
- ◇ 筛网为独特的菱形设计，解决分离机筛网堵塞问题。
- ◇ 分离效果好，物料清洁度高。
- ◇ Simple structure, low failure rate, safe operation and convenient maintenance.
- ◇ The screen is a unique diamond design to solve the problem of the screen clogging of the separator.
- ◇ Good separation effect and high cleanliness of materials.

◆ 工程案例 PROJECT CASE



ESF30型砂石分离机 ESF30 Concrete reclaimer





ZSF30型砂石分离机 ZSF30 Concrete reclaimer

恩普环保



砂石分离设备投资分析

SAND SEPARATION EQUIPMENT INVESTMENT ANALYSIS

◆以年产量30万方，搅拌车数量25为例

AKING ANNUAL OUTPUT OF 30 CUBIC WITH MIXER TRUCK THE NUMBER 25 AS AN EXAMPLE

一、投资成本

①投资设备成本:

安装全套设备，依每个搅拌站的规模和实际情况，造价20~40万元/套；

②设备土建成本:

土建部分由我公司提供图纸，客户自行安排工作，成本约2~10万元；

二、成本节约计算

①每月砂石回收(搅拌车残留率0.5%，每方含砂石量1.86吨)

月产量 $\times 1.86 \times 0.5\% \times$ 砂石价格 =
 $30000 \times 1.86 \times 0.5\% \times 60 = 16740$ 元

②每月废水回收

车数 $\times$ 洗车次数每天 $\times$ 每次用水量 $\times 30$ 天 $\times$ 水价
 $= 25 \times 2 \times 2 \times 30 \times 3 = 9000$ 元

③报废混凝土砂石回收

月报废量 $1.86 \times$ 砂石价格 $= 50 \times 1.86 \times 60 =$
 5580 元

④每月废料清理费用

清理工人数工资 + 其他费用 $= 2 \times 1200 + 200 =$
 2600 元

(料运费 $\times$ 每次车数 + 填埋费用) $\times$ 月次数 $= (20 \times$
 $10 + 500) \times 2 = 1400$ 元

每月节约总成本 $= 16740 + 9000 + 5580 + 2600$
 $+ 1400 = 35320$ 元

回收期 = 资总成本 / 月成本

测算约8个月(本分析没有考虑用电费用)

1、Investment Cost

①Equipment Invest:

The price varies from ¥200,000.00~400,000.00

②Construction Cost:

The civil work drawing designed by SISOUL is completed by customers; Cost: ¥20,000.00~100,000.00

2、Cost Savings Calculation

①Monthly sand recycling (the truck mixer residual rate of 0.5%, each party shall contain sand quantity of 1.86 tons)

Monthly output $\times 1.86 \times 0.5\% \times$ gravel Price
 $= 30000 \times 1.86 \times 0.5\% \times 60 = 16.74$ thousand yuan

②Monthly wastewater recycling

Number of car $\times$ daily number of car wash $\times$ Each time water consumption $\times 30$ days $\times$ the piece of water
 $= 25 \times 2 \times 2 \times 30 \times 3 = 9000$ yuan

③Recycling scrap concrete gravel

Scrap per month $1.86 \times$ gravel Price $= 50 \times 1.86 \times 60 =$
 5580 yuan

④Monthly waste dean-up costs

Number of clean-up workers $\times$ wages + other costs $= 2 \times 1200 + 200 = 2600$ yuan

(Material freight $\times$ each car number plus landfill fees) $\times$ Month Views $= (20 \times 10 + 500) \times 2 = 1400$ yuan

Monthly saving total capital cost/ month cost is estimated about 6.5 (the analysis did not consider the electricity costs)

厢式隔膜自动压滤机

BOX DIAPHRAGM AUTOMATIC FILTER PRESS

“恩普”节能高效快速系列厢式隔膜自动压滤机是一种间歇性操作的加压过滤设备,适用于各种悬浮的固液分离,适用范围广、分离效果好、结构简单、操作方便、安全可靠;广泛应用于洗煤、石油、化工、染料、冶金、医药、食品等领域,也适用于纺织、印染、制药、造纸、皮革、味精等工业废水及城市生活污水处理等各种需要进行固液分离的领域。

"Emperor" energy efficient rapid series of chamber type diaphragm automatic filter press is a kind of presser and filtration equipment of intermittent operation, suitable for all kind of suspension of the solid-liquid separation, wide applicable, range good separating effect, simple structure, convenient operation, safe and reliable, Widely used in coal, petroleum, chemical, metallurgy, medicine, dyes, food etc filed, also suitable for textiles, printing and dyeing, pharmaceuticals, paper making, leather, monosodium glutamate and other industrial waste water and city life sewage treatment and other needs for solid-liquid separation field.



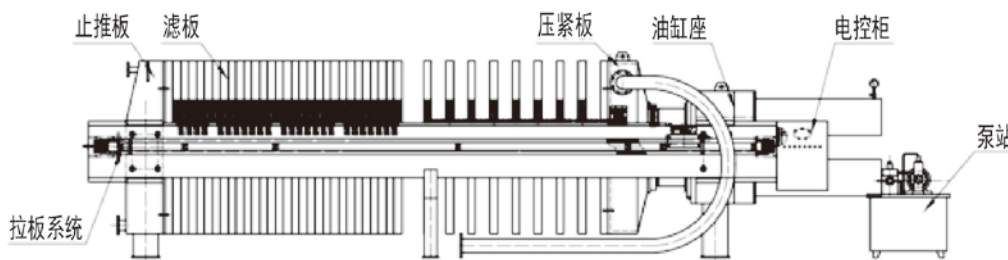
◆特点 TECHNICAL FEATURES

本公司生产的节能高效快速系列厢式自动隔膜压力机是集机、电、液于一体的先进分离机械设备,它主要由五大部分组成:机架部分、自动拉板部分、过滤部分、液压部分和电气控制部分,其结构见下图。

(注:还可根据客户要求增加接液盘、翻板、储泥斗、水洗系统、滤布曲张和振打系统等)

The company production of fast and efficient energy-saving series vanautomatic diaphragm press is an advanced separation machieryequipment set machine, electricity, liquid in body, which is mainlycomposed of five parts:frame part,automatic pull plate part, a filterpart, hydraulic parts and electrical control parts, the structure isbictured above.

(Note:also can increase a liquid receiving plate,a mud storagebucket,water washing system,filter cloth varicose and rapping systemaccording to the customer request.)



◆主要技术参数 Main technical parameters

名称 Item	参数 Date
过滤压力 Filter pressure (Mpa)	0.5-0.8
最大过滤工作温度 Max filtration operating temperature(℃)	80(高温板为120)
最大液压动作压力 Max hydraulic operating pressure (Mpa)	18
压榨压力 Squeeze pressure (Mpa)	0.8-1.25

◆ 工程案例 PROJECT CASE



清洗清扫板块 Cleaning and cleaning plate ➡



洗车房

CAR WASHER

EXC120豪华型洗车房是我公司一款专门为清洗罐装车、大型货柜车、垃圾车等特种车辆而设计的洗车设备。本洗车房可以对轮胎、底盘及整个车身进行360°全方位无死角清洗，清洗更彻底。整套设备结构合理，外观美观大气，封闭式的作业环境可以有效防止污水外溢。清洗过程通过智能系统自动化运行，清洗更高效，大大节省了人力资源。

EXC120 luxury car wash room is our company's car wash equipment designed for cleaning special vehicles such as canned vehicles, large container trucks, garbage trucks. The car wash room can clean the tires, chassis and the entire body in 360 ° all-round without dead ends, and the cleaning is more thorough. The whole equipment has a reasonable structure, beautiful appearance, and a closed operating environment can effectively prevent sewage from overflowing. The cleaning process runs automatically through an intelligent system, which makes cleaning more efficient and greatly saves human resources.

◆特点 TECHNICAL FEATURES

- ◇ 全自动摇摆水刀式清洗，无需人工操作。
- ◇ 通道式光电对射式感应冲洗，清洗时间快
- ◇ 对轮胎、底盘及整个车身进行360°全方位无死角清洗，清洗更彻底
- ◇ 增加专门的轮胎清洗装置,轮胎清洗更干净
- ◇ 增加车辆导向装置，防止撞坏设备
- ◇ 设备故障自动报警装置，水桶水位警报
- ◇ 模块式设计，可以根据客户需求自由组合
- ◇ 进口国外知名厂家的电器元件，确保安全可靠
- ◇ Fully automatic swing waterjet cleaning, no manual operation required.
- ◇ Channel type photoelectric on-beam induction flushing, fast cleaning time
- ◇ 360 ° all-round no dead angle cleaning for tires, chassis and the entire body, more thorough cleaning
- ◇ Add special tire cleaning device to make tire cleaning cleaner
- ◇ Add vehicle guides to prevent damage to equipment
- ◇ Automatic alarm device for equipment failure, bucket water level alarm
- ◇ modular design, can be freely combined according to customer needs
- ◇ Import electrical components from well-known foreign manufacturers to ensure safety and reliability

◆主要技术参数 Main technical parameters

名称 Item	参数 Date
自动洗车最大洗车尺寸 Maximum car wash size (L长length × Bwidth × H高height)mm	L (不受限制) B≤3500 H≤4300 L (unrestricted) B≤3500 H≤4300
洗车流水线总功率 Total power of car washing line	16KW
洗车流水线电源 Car washing line power	380V/50Hz
耗水量 Water consumption	300L/min
清洗速度 Cleaning speed	20~120辆/时 20~120 cars / hour

备注: 洗车宽度B和高度H可根据用户特定要求调整。
Remarks: Car wash width B and height H can be adjusted according to user specific requirements.

◆工程案例 PROJECT CASE



EXD15型卸料口洗车机

EXD15 UNLOADING PORT CAR WASHING MACHINE



EXD15型卸料口洗车机是我公司一款专门为搅拌站而设计的洗车机。本洗车机可以对轮胎、底盘及整个车身进行360°全方位无死角清洗，清洗更彻底。整套设备结构合理，外观美观大气，封闭式的作业环境可以有效防止污水外溢。清洗过程通过智能系统自动化运行，清洗更高效，大大节省了人力资源。卸料口位置布置，大大节省了搅拌站的场地。

EXD15 unloading port car washing machine is a specially designed for mixing station car washing machine. The car washing machine can wash the tires, chassis and the whole body in 360 ° omni-directional no dead angle cleaning, cleaning more thoroughly. The whole set of equipment structure is reasonable, the appearance is beautiful atmosphere, closed working environment can effectively prevent sewage overflow. CLEANING PROCESS THROUGH THE INTELLIGENT SYSTEM AUTOMATION OPERATION, CLEANING MORE EFFICIENT, greatly saving human resources. The position arrangement of the discharge port greatly saves the site of the mixing station.

◆特点 TECHNICAL FEATURES

- ◇ 嵌入搅拌站内部，不占用空间
- ◇ 污染源头清洗，保证场地干净
- ◇ 罐车接料口位置重点清洗
- ◇ 全自动摇摆水刀式清洗，无需人工操作
- ◇ 对轮胎、底盘及整个车身360°全方位无死角清洗
- ◇ 设备故障自动报警装置，水桶水位警报

- ◇ Embedded within the concrete mixing plant, saving space.
- ◇ Cleaning at the source of pollution to ensure a clean site.
- ◇ Focused cleaning at the tanker loading port.
- ◇ Fully automatic oscillating water jet cleaning, requiring no manual operation.
- ◇ 360° comprehensive and thorough cleaning of tires, chassis, and the entire vehicle body without any blind spots.
- ◇ Automatic equipment fault alarm and water tank level warning system.



地上洗轮机

ABOVE-GROUND WHEEL WASHING MACHINE



洗轮机专为清洗各类工程车辆而设计，彻底解决工程车辆对道路的污染。该型设备清洗速度快、安装简便，适用于各类垃圾填埋场、建筑工地、混凝土厂、矿山、工业制造等场所。平均清洗每小时可冲洗60~80辆车，循环用水，节约大量的水资源。该系列洗轮机方便转战场地。该系列洗轮机目前被广泛应用于垃圾填埋工地和各类建筑工地。

The wheel washer was specially designed to clean all kind of construction trucks and can solve the pollution to road thoroughly. This type of equipment can be applied to many sites such as refuse landfill, construction site, concrete factory, mine and industry manufacture sites with features of fast cleaning and easy set up. At average this machine can clean 60-80 trucks per hour and the water is in recycling which save lots of water resource. This series of wheel washer can be easily transported to other working sites and is being widely used in refuse landfill and kinds of construction sites recently.

◆特点 TECHNICAL FEATURES

- ◇ 专业清洗工程运输车辆；
 - ◇ 进口国外知名厂家的电气元件，确保安全可靠；
 - ◇ 彻底解决工程车辆对城市道路的污染；
 - ◇ 独特造型，经典设计；
 - ◇ 专业的防锈处理，持久耐用；
 - ◇ 循环用水，节约大量水资源；
 - ◇ 可适应不同的工作场地，专场方便。
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- ◇ Professional in cleaning construction trucks.
 - ◇ Imported famous brand electrical elements to make sure the safety and reliability.
 - ◇ Solve the pollution of construction trucks to city roads throughly.
 - ◇ Unique modeling and classic design.
 - ◇ Professional antirust dealing, make the equipment a long service life.
 - ◇ Recycling use of water, save lots of water resource.
 - ◇ Can be applide to different working sites and easy for transport.

◆主要技术参数 Main technical parameters

项 目Item	参数 Date
设备尺寸（长×宽×高）Dimensions	4 x 4 x 2M
清洗方式Cleaning mode	车辆通过Cars pass
清洗选择Cleaning choice	自动/手动/遥控 Automatic / Manual / Remote Control
冲洗压力Cleaning power	3 ~ 4kg/cm²
电源供给Power supply	三相 380V 50Hz 5.5KW Thee phases 380v 50HZ5.5KW
水源供给Water supply	DN25
耗水量Water consumption	循环用水Recycling use
洗车速度Cleaning speed	60辆/小时60cars/h
启动方式Lunch mode	传感器感应Sensor response
控制系统Control system	自动控制 Automatic control

◆工程案例 PROJECT CASE



DURABLE PROFESSIONAL AND EFFICIENT
持久耐用 专业高效

除尘抑尘板块 Dust suppression and dust removal plate

新型仓顶脉冲除尘器

NEW WAREHOUSE ROOF PULSE DUST COLLECTOR

新型仓顶脉冲除尘器，本产品是针对国内粉尘回收使用特点研发的新一代产品，主要作用是粉状物料生产、运输、储存过程中产生的粉完全过滤回收再利用，切实可行的解决了扬尘的污染问题又能节约宝贵的建筑资源。

New warehouse roof pulse dust collector, this product is for the domestic dust recovery characteristics of the use of research and development of a new generation of products, the main role is to dust produced in production, transportation, storage of powder material in the process of filtering completely recycled, feasible solution to the problem of pollution of dust and save the precious resource architecture.



◆特点 TECHNICAL FEATURES

净化效率高，处理气体能力大，性能稳定，操作方便、滤袋寿命长、维修工作量小，适用于机械、冶金、橡胶、面粉、化工、制药、碳素、建材、矿山等单位。

High purification efficiency, gas treatment capacity, stable performance, convenient operation, long life of filter bag, repair workload is small, is suitable for use in machinery, rubber, flour, chemical, pharmaceutical, mining, building materials, and other units of carbon.

◆主要技术参数 Main technical parameters

各型号参数Parameter/Model	MCL25	MCL30	MCL48	MCL64
过滤面积 Filtration area (m ²)	18	24	36	48
含尘浓度 Particle concentration (g/ m ³)	< 15	< 15	< 15	< 15
过滤风速 Liltration velocity (m/min)	2-4	2-4	2-4	2-4
过滤风量 Filtration air volume (m ³ /h)	2160-4320	2160-4320	4320-8640	5400-10800
助力对比 Resistance (H2omm)	120-150	120-150	120-150	120-150
重量 Weight of main Body(kg)	291	395	513	558
外形尺寸 Dimensions(L × W × H)(mm)	2050*1250*1680	2170*1250*2000	2550*1450*2110	2650*1750*2150

◆发货备货 DELIVERY CASE



◆工程案例 PROJECT CASE



智能环保集中除尘排放系统

INTELLIGENT ENVIRONMENTAL PROTECTION CENTRALIZED DUST REMOVAL AND DISCHARGE SYSTEM



该除尘系统采用自动控制，集中处理，高空排放模式，使除尘变得更智能化，标准化，集约化。此种除尘系统主要适用于搅拌站整体除尘；建筑工地整体净化；建筑垃圾、矿山破碎除尘；砂石料场集中除尘等等。

The dust removal system adopts automatic control, centralized processing, and high-altitude emission modes to make the dust removal more intelligent, standardized, and intensive. This type of dust removal system is mainly applicable to the overall dust removal of the mixing station; the overall purification of the construction site; the dust removal from the crushing of construction waste and mines.

◆特点 TECHNICAL FEATURES

- ◇ 智能化自动控制，设备通过采集信号可以实现由手动控制模式转换为智能自动控制模式，且互不干涉。
- ◇ 集中收尘集中处理，使分散的多个产尘点可以同时收集处理、净化排放，实现节能减排与集约环保。
- ◇ 有组织高空净化排放将会助力绿色、洁净、高效、长远的行业可持续发展道路。
- ◇ Intelligent automatic control, the device can realize the conversion from manual control mode to intelligent automatic control mode by collecting signals without interference.
- ◇ Centralized dust collection and centralized processing, so that multiple scattered dust production points can be collected and treated at the same time, purify and discharge, and achieve energy saving and emission reduction and intensive environmental protection.
- ◇ Organized high-altitude purification emissions will help the green, clean, efficient, and long-term sustainable development of the industry.

◆主要技术参数 Main technical parameters

常用 型号	风机功率 kw	处理风量 m³/h	布袋数量 ge	电磁阀数 ge	长 mm	宽 mm	高 mm
EP/JZ96	7.5KW	5712-10562	96	12	2600	1600	2100
EP/JZ128	11KW	9209-18418	128	16	3200	1600	2200
EP/JZ160	22KW	34828-60157	160	16	3800	2258	2700
EP/JZ240	22KW	34828-60157	240	24	4600	2000	2700

◆工程案例 PROJECT CASE



料场喷雾除尘

STOCKYARD SPRAY DUST REMOVAL

恩普EP - 400L型高压喷雾除尘的工作原理是利用高压泵将经过水处理系统净化过的水加压，经过高压管路传送至高压喷咀雾化，这些微小的雾化颗粒能长时间漂浮在空气中，它们具有较强的表面活性和吸附能力对悬浮在空气中的粉尘，使粉尘受重力作用而沉降，从而达到抑尘作用。

The working principle of EP-400L high-pressure spray dust removal is to use a high-pressure pump to pressurize the water purified by the water treatment system and transfer it to the high-pressure nozzle through a high-pressure pipeline to atomize. In the air, they have strong surface activity and adsorption ability to the dust suspended in the air, so that the dust settles under the action of gravity, so as to achieve the dust suppression effect.



◆ 特点 TECHNICAL FEATURES

- ◇ 适合安装在各种环境
- ◇ 快插直接式管路连接，安装更方便
- ◇ 设计有多项保护，使用更安全
- ◇ 水雾对空气有洗涤作用，可以净化空气
- ◇ 专业与服务：我们向客户提供的不仅仅是工业化的产品，而且还可以根据客户的实际情况和具体要求，进行个性化的产品设计与生产。我们向客户提供的是全程的跟踪式的技术服务：即从产品设计、生产、销售到安装提供一条龙服务，不断收集客户的反馈意见，随时对产品出现的问题予以解决，确保客户百分之百放心。
- ◇ Suitable for installation in various environments
- ◇ Quick-plug direct pipe connection for easier installation
- ◇ Designed with multiple protections for safer use
- ◇ Water mist has a washing effect on the air and can purify the air
- ◇ Professional and service: We provide customers with not only industrialized products, but also customized product design and production according to the actual situation and specific requirements of customers. We provide customers with a full-track technical service: that is to provide one-stop service from product design, production, sales to installation, continuously collect customer feedback, and resolve product problems at any time to ensure that customers are 100% assured.

◆ 主要技术参数 Main technical parameters

	品名	规格型号	技术参数
料场 喷雾 除尘 系统	电机	M2BAX	功率：5.5KW
	陶瓷柱塞泵	40	流量：40L/MIN
	PLC	FX3SA	内置12入/8出
	液晶显示屏	TK6070iP	7寸
	喷塑机箱	EP-430L	950mm*880mm*1080mm

◆ 工程案例 PROJECT CASE



◆ 主机 MAIN MACHINE



室外抑尘系统

OUTDOOR DUST SUPPRESSION SYSTEM

恩普室外抑尘系统，能够产生直径约在 100-150 微米的水雾颗粒，对悬浮在空气中的粉尘——特别是直径在10 微米以下的可吸入粉尘颗粒进行有效的吸附，使粉尘受重力作用而沉降，从而达到抑尘作用。

The Enpu outdoor dust suppression system can generate water mist particles with a diameter of approximately 100 - 150 micrometers. These particles can effectively adsorb dust suspended in the air, especially inhalable dust particles with a diameter of less than 10 micrometers, causing the dust to settle under the action of gravity and thus achieving dust suppression.

◆主要技术参数 Main technical parameters

项目 Item	参数 Data
电机功率 Motor power	4KW
触摸显示屏 Touch screen	7寸 7 inches
机箱规格 Chassis specification	680*500*900mm
旋转喷雾雾桩 Rotating spray mist pile	210*6000mm
360度旋转喷头 360 degree rotating nozzle	旋转角度0-360度 rotation angle 0-360 degree

◆特点 FEATURES

- ◇ 喷头可旋转0-360度任意角度

◇ 旋转速度可以调节

◇ 覆盖半径15-20m

◇ 手机APP控制

◇ 喷洒时间自动控制

◇ 粉尘浓度控制（选配）

◇ 配备自动补水和缺水保护

◇ 双过滤器过滤水中杂质
- ◇ The nozzle can be rotated at any angle from 0-360 degrees

◇ Rotation speed can be adjusted

◇ Covering radius of 15-20m

◇ Mobile APP control

◇ Automatic control of spraying time

◇ Dust concentration control (optional)

◇ Equipped with automatic water replenishment and water shortage protection

◇ Double filters filter impurities in water

◆工程案例 PROJECT CASE

