



日本京滋兴产株式会社
Kyocera Corporation

SINCE 1965

RECLEAN 高精度加工液过滤系统
High precision machining fluid filtration system
——精密过滤 长效节能
Precise filtration; Long-lasting energy conservation.



型号 Model number	K-1-470	K-1-500	K-2-470R
最大处理量 Maximum processing capacity	80L/min	60L/min	160L/min
过滤精度 Filtering accuracy	1~50μm	1~50μm	3~50μm
材质 Material	SUS304	SUS304	SUS304
滤布寿命 Filter cloth lifespan	2年以上 More than 2 years	1.5年以上 More than 1.5 years	1年以上 More than 1 years
适用液体 Applicable to liquids	水溶性/非水溶性 Water-soluble / Non-water-soluble	水溶性/非水溶性 Water-soluble / Non-water-soluble	水溶性/非水溶性 Water-soluble / Non-water-soluble

标配:高精度精密过滤桶、手动反冲洗系统一套

Standard equipment: A high-precision precision filter tank and a manual backwashing system set.

选配:磁分机、油雾分离器、水箱(含水泵2台)、自动反冲洗系统一套

Optional equipment: Magnetic separator, oil mist separator, water tank (with 2 pumps), and an automatic backwashing system.

日本京滋兴产株式会社 监制
Kyosho Kisen Co., Ltd.; Supervision

公司名称:青岛大金顺天机床有限公司

COMPANY NAME:Qingdao Dajin Shuntian Machine Tool Co., Ltd.

电话/Tel:136-6884-4233 186-0532-6353

公司地址/Address:青岛市城阳区青溟路7号

邮箱/Email:haodong0532@163.com



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公司简介 CORPORATE PROFILE

1965年4月以销售石油产品为目的,在京都府下京区成立京滋兴产株式会社并开始营业
In April 1965, with the purpose of selling petroleum products, Kinki Zyuin Co., Ltd. was established and operations in the Naka-ku area of Kyoto City.

1973年1月因事业扩大而改组为法人,成立京滋兴产株式会社在京都府下京区设立总公司。已销售润滑油为主,加强销售。宫田宏志成为董事长兼社长
In January 1973, due to the expansion of the business, it was reorganized into a and established as Kinki Zyuin Kogyo Co., Ltd. with its headquarters in Higashi-ku, Kyoto City. The main focus was on the sale of lubricating oil, and sales were strengthened. Hiroshi Miyata became the Chairman and President.

1996年4月开始开发过滤装置
In April 1996, development of filtration equipment began.

1997年11月开设大阪营业所
November 1997, the Osaka branch office was opened.

1999年11月由于Reclean过滤装置获得了专利,扩大过滤事业。
In November 1999, due to the patenting of the Reclean filtration equipment, filtration business was expanded.

2012年7月成为上原商事株式会社的子公司,加速全球布局
In July 2012, it became a subsidiary of Uehara Seizo Co., Ltd., accelerating global expansion.

2019年12月 重建专用Reclean过滤装置开发与组装的【竹田分室】。
December 2019, the dedicated Reclean filtration equipment development and assembly "Takekida Branch" was rebuilt.

2021年:推出K-1系列,处理量提升至80L/min,滤芯寿命达10年以上,滤布寿命达到2年以上。
In 2021: The K-1 was launched, with a processing capacity increased to 80L/min, a filter element life of over 10 years, and a filter cloth life of over 2.

至今:服务超1000家客户,包括牧野铣床、三菱电机、洋马、京瓷、日产、加特可等龙头企业。
To date: Over 1000 customers have been served, including leading companies such as Morino milling machine, Mitsubishi Electric, Yamasa, Kyoc, Nissan, and Jteco.

2023年:青岛大金顺天机床有限公司与日本京滋兴产株式会社达成战略合作,在中国组装生产精密过滤系统。
In 2023: Qingdao Dajin Shuntian Machine Tool Co., Ltd. reached a strategic with Japan's Kinki Zyuin Kogyo Co., Ltd., assembling and producing precision filtration systems in China.

RECLEAN 高精度加工液过滤系统
专业设计 精准高效
Professional design precise and efficient

K-1-470单桶式过滤装置

- 【特点】**
- 长期保持高水平的过滤精度
Maintain high-level filtration accuracy over the long term.
 - 滤芯的寿命长,经济型(最长10年以上)
The filter element has a long service life and is economical (up to 10 years or more).
 - 滤布可使用最长2年以上
The filter cloth can be used for up to 2 years or more.
 - 由于采用特殊滤布,可以维持一定的通水量
Due to the use of special filter cloth, a certain amount of water flow can be maintained.
 - 由于反冲洗功能(标准规格)滤布可以连续使用
Since the filter cloth can be used continuously with the backflush function (standard specification)
 - 水溶性/不水溶性都可以使用
Both water-soluble and non-water-soluble can be used
 - 选配自动反冲洗
Optional automatic backwashing
 - 油箱可以根据客户要求订制
The fuel tank can be customized according to the customer's requirements.



K-2-470R两连式过滤装置

- 【特点】**
- 过滤精度更稳定,处理量增大为160L/min
Features: The filtration accuracy is more stable, and the processing capacity has been increased to 160L/min.
 - 过滤精度使用3μm滤布,加工设备使用率较高情况下,滤布1年更换一次,过滤精度效果更好
The filtration accuracy is achieved using a 3μm filter cloth. When the processing equipment utilization rate is high, the filter cloth should be replaced once a year to achieve better filtration accuracy.
 - 主要用于五金工具的生产:丝攻、钻头、铣刀、替换式刀具等
Mainly used for the production of hardware tools: taps, drills, milling cutters, replaceable tools, etc.



实现磨削加工1μm过滤精度
Filter precision of 1 micrometer

过滤切削超硬刀具加工液的过滤前后



设备操作流程
Equipment operation process

- ①从污油箱上来的油污通过RECLEAN系统过滤。
The dirty oil sucked from the sump is filtered by the RECLEAN system.
★由于RECLEAN系统底部的斜角角度,过滤效率会大幅提高。
Due to the inclined angle at the bottom of the RECLEAN system, the filtration efficiency will be significantly improved.
- ②过滤后的液体流到干净油箱,溢出的部分会自动返回到污油箱。
The filtered liquid flows into the clean oil tank, and the overflow part will automatically return to the dirty oil tank.
- ③RECLEAN系统油污时,打开反冲洗功能,可以将系统内的油污残渣清理干净。
When the RECLEAN system becomes dirty, turn on the backwashing function, and it will be able to clean away all the dirty oil residues within the system.

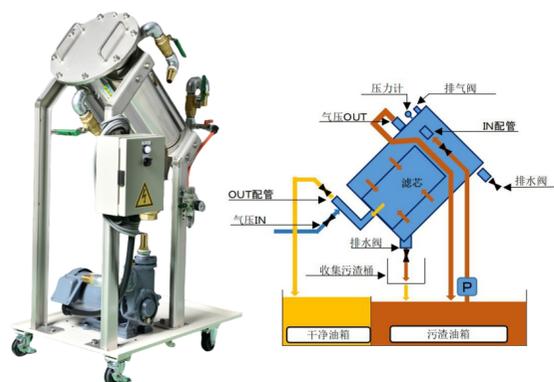
加工材料
Processing materials

超硬材料,高速钢材,金属陶瓷,铸钢,不锈钢,钛,SCM,陶瓷,碳钢等

Super-hard materials, high-speed steel materials, metal ceramics, cast steel, stainless steel, titanium, SCM, ceramics, carbon steel, etc.

特别是难度比较高的超硬材料,铸钢加工液的过滤有非常好的效果

especially for extremely hard materials with high difficulty, the filtration of the casting steel processing liquid has an extremely good effect



使用实例
Usage cases

- ① 工具磨削加工设备
Tool grinding processing equipment
- ② 珩磨加工机床
Grinding machine tool
- ③ 外圆磨床
External cylindrical grinding machine
- ④ 平面磨床
Flat grinding machine
- ⑤ 无心磨床
Automatic grinding machine
- ⑥ 齿轮刀具磨床
Gear cutting machine
- ⑦ 加工中心用高压冷却机
High-pressure cooling machine for machining centers

效果
Effects

- ① 稳定提高加工精度
Steadily improve processing accuracy
- ② 实现大幅降低总成本
Achieve a significant reduction in the total cost
- ③ 提高加工液体的长期使用
Improve the long-term usability of the processed liquid
- ④ 提高加工砂轮、刀具的寿命
Improve the service life of grinding wheels and cutting tools
- ⑤ 降低工件的表面划痕
Reduce the surface scratches on the processed parts
- ⑥ 减少油箱清理工作
Reduce the work of cleaning the fuel tank
- ⑦ 降低产品报废率
Reduce the product failure rate
- ⑧ 改善工作场所环境
Improve the workplace environment