

技术参数
Technical Parameters

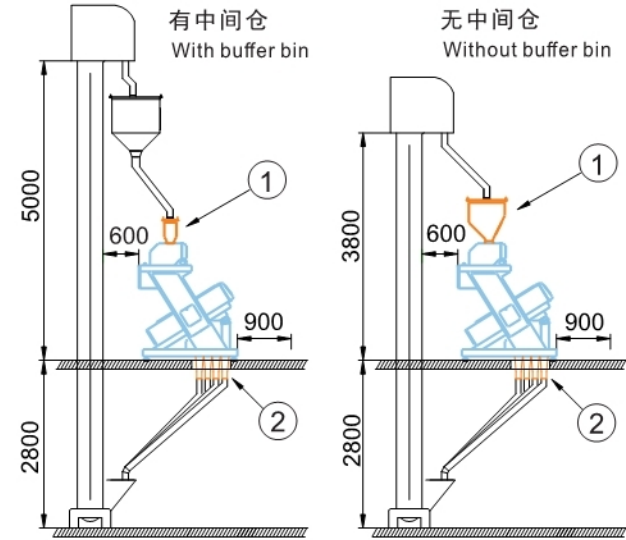
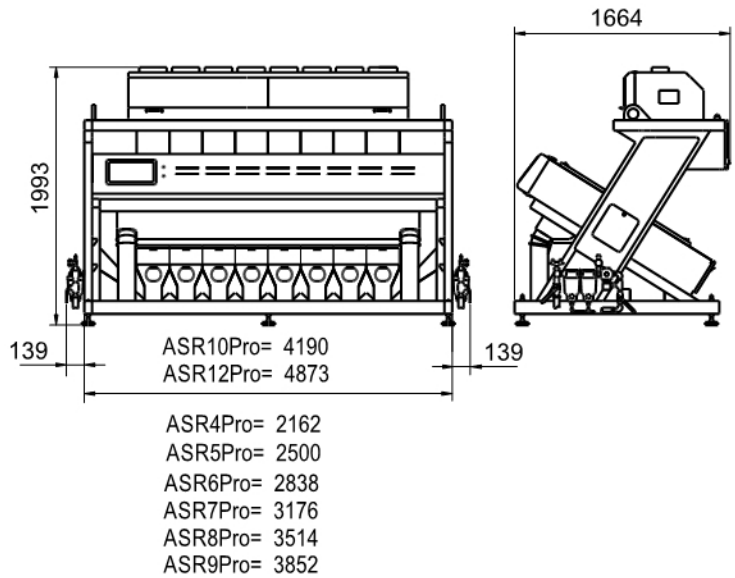
ASRPro

外形尺寸
Overall Dimensions

Unit:mm

安装空间
Installation Space

Unit:mm



- ① 根据有无中间仓选配大的或小的进料斗
With/Without buffer bin, large and small sizes optional.
- ② 根据工艺流程配不同类型和数量的收集斗
Select different types and quantities based on the process flow

性能参数 / Performance Parameters

产品型号 Product Model	ASR4Pro	ASR5Pro	ASR6Pro	ASR7Pro	ASR8Pro	ASR9Pro	ASR10Pro	ASR12Pro
型号(通道数) Model (Channels)	MSXC-320	MSXC-400	MSXC-480	MSXC-560	MSXC-640	MSXC-720	MSXC-800	MSXC-960
二次选处理量 (T/h) Two-group Capacity	3.6 - 9 (3:1)	—	6 - 12 (4:2)	6 - 15 (5:2)	7.2 - 18 (6:2)	8.4 - 21 (7:2)	9.6 - 24 (8:2)	10.8 - 27 (9:3)
三次选处理量 (T/h) Three-group Capacity	3 - 6 (2:1:1)	4.5 - 9 (3:1:1)	4.8 - 12 (4:1:1)	6 - 12 (4:2:1)	6.5 - 15 (5:2:1)	7.2 - 18 (6:2:1)	8.4 - 21 (7:2:1)	9.6 - 24 (8:2:2)
四次选处理量 (T/h) Four-group Capacity	—	—	—	4.8 - 12 (4:1:1:1)	5.5 - 15 (5:1:1:1)	6.5 - 15 (5:2:1:1)	7.2 - 18 (6:2:1:1)	8.4 - 21 (7:2:2:1)
电源 Power Supply	AC 220V (±10%) 50/60Hz							
主电源功率 (kw) Main Power	1.8	2.2	2.6	3.0	3.4	3.8	4.3	5.2
加热膜电源功率 (kw) Heating Power	1.0	1.3	1.5	1.8	2.0	2.3	2.5	2.8
气源 (Mpa) Air Supply	0.6 - 0.8							
气源消耗 (M³/min) Air Consumption	<2.0	<2.4	<2.9	<3.4	<3.9	<4.4	<4.8	<5.6
吸风管道风速 (m/s) Suction Duct Vel.	≥8	≥10	≥12	≥14	≥15	≥17	≥19	≥23
色选精度 (%) Sort Accuracy	≥99.99							
重量 (kg) Weight	1195	1398	1588	1785	2053	2247	2443	2853

安装参考 / Reference Parameters of Installation

稳压电源 / UPS Stabilized Power Supply / UPS	≥3KVA		≥4KVA	≥6KVA		≥7.5KVA	
空压机功率 Air Compressor Power	≥15kw	≥18.5kw		≥22kw	≥30kw		≥40kw

If technologic data has been changed without further information

技术参数如有变更, 恕不另行通知

* 以上数据基于5%以内含杂的原粮

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智能AI色选设备

ULTRA INTELLIGENT AI COLOR SORTER

湖北永祥粮食机械股份有限公司

HUBEI YONGXIANG FOOD PROCESSING MACHINERY CO., LTD.

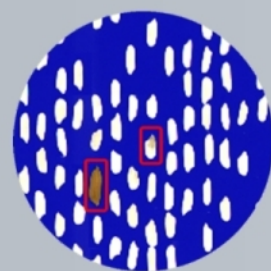
2026

产品简介 Product Profile

ASRPro系列是升级了高频电磁阀、高性能工控PC等硬件的新一代AI色选机平台；更智能、更稳定；色选性能提升30%以上，能耗降低超20%。

The ASRPro series is an upgraded AI color sorter platform equipped with high-frequency solenoid valves, high-performance industrial computers and other upgraded hardware. It delivers smarter operation and higher stability, with color sorting performance improved by over 30% and energy consumption reduced by more than 20%.

技术特点 Features

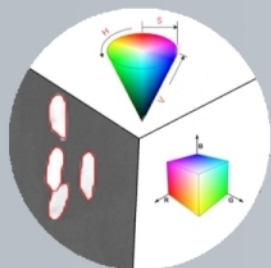


Ai与智能语音:

通过喂样本，一键“AI”训练模型，生成色选参数；在操作界面或远端APP实时动态可视分选。由于加入了智能语音交互，让操作变得更智能、更便捷、更人性化。

AI & Intelligent Voice:

By feeding sample materials, you can one-click initiate AI model training to generate color sorting parameters. Real-time visual sorting monitoring is available on both the operation interface and remote APP. With the integration of intelligent voice interaction, operation becomes smarter, more convenient and more user-friendly.

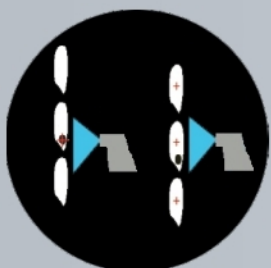


多图像分析引擎:

支持多种颜色空间，如RGB、HSV等，实现更加贴近人眼感官的图像分析。新的轮廓算法，精准控碎选碎。

Multi-dimensional Image Analysis Engine:

Supports multiple color spaces such as RGB and HSV to deliver image analysis closer to human visual perception. The new contour algorithm achieves precise control and accurate separation of broken grains.



中心打击:

采用基于瑕疵点中心与物料中心定位的精准剔除技术，可大幅提升剔除精度、降低耗气量，从而大大减少了能源消耗。

Center Targeting:

Adopting the precise rejection technology based on defective spot center and material center positioning greatly improves ejection accuracy, reduces air consumption, and thereby significantly cuts energy loss.

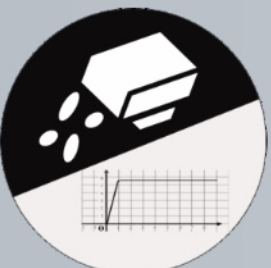


高精度HDR相机:

配备了专业定制的低畸变镜头HDR相机，呈现每一个细节，捕捉谷物中的每一个微小差异；特别适合小病斑，浅水黄、腹白的高精度、大产量色选。

High-precision HDR Camera: (16200PIX)

ASRPro is equipped with HDR cameras featuring professionally customized low-distortion lenses, restoring every fine detail and capturing tiny differences in grains. It is especially suitable for high-precision and high-capacity color sorting of grains with slight disease spots, light yellow discoloration and belly white defects.



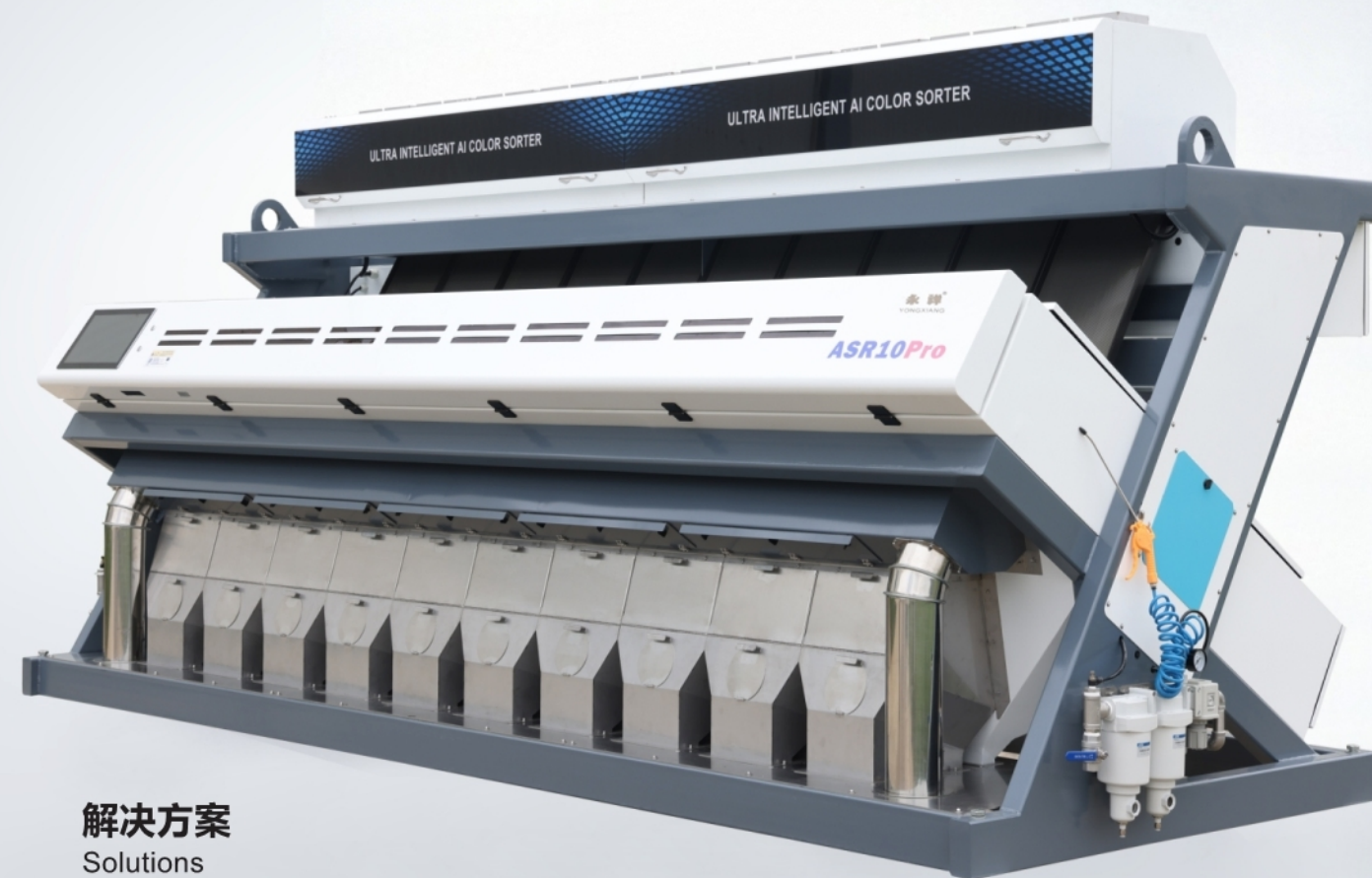
高频喂料:

采用高频喂料技术，不仅提高了工作效率，还减少了品质波动；从而确保了稳定的产量和分选精度。

High-frequency Feeding:

Adopting high-frequency feeding technology not only boosts working efficiency but also reduces quality fluctuation, ensuring stable output and sorting accuracy.

AI 机器视觉 引领智能分选



AI Vision Guides Smart Sorting

解决方案 Solutions

- 大米选黄、选白、选晶、黄白分离、选碎控碎、一键检测碎米率
- 糙米选稻谷、未成熟颗粒，分离出红米/黑米
- 红米、紫米、黑米、小黄米、玉米、高粱、稻谷、小麦色选

Rice yellow sorting, white sorting, crystal sorting, yellow-white separation, broken rice sorting and control. one-key broken rice rate detection



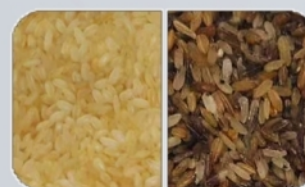
浅黄
Light Yellow



腹白
Grain White Belly



黄白碎分离
Yellow, White and Broken Rice Separation



蒸谷米
Parboiled Rice



小红扁豆
Small Red Lentils



糙米选谷、红米、未成熟颗粒
Coarse rice grain sorting, red rice, immature grains