

# Automatic barley paper Ten gears sorting machine connected

**YLD-ZH300S**

Suitable for cylindrical batteries,  
can be customised according to customer requirements  
(can be used in-line or stand-alone according to specific needs)



# Craftsmanship

Build high quality machines



STRENGTH  
MANUFACTURERS



AFTER-SALES  
SERVICE



SUPPORT  
CUSTOMIZATION



TECHNICAL  
GUIDANCE

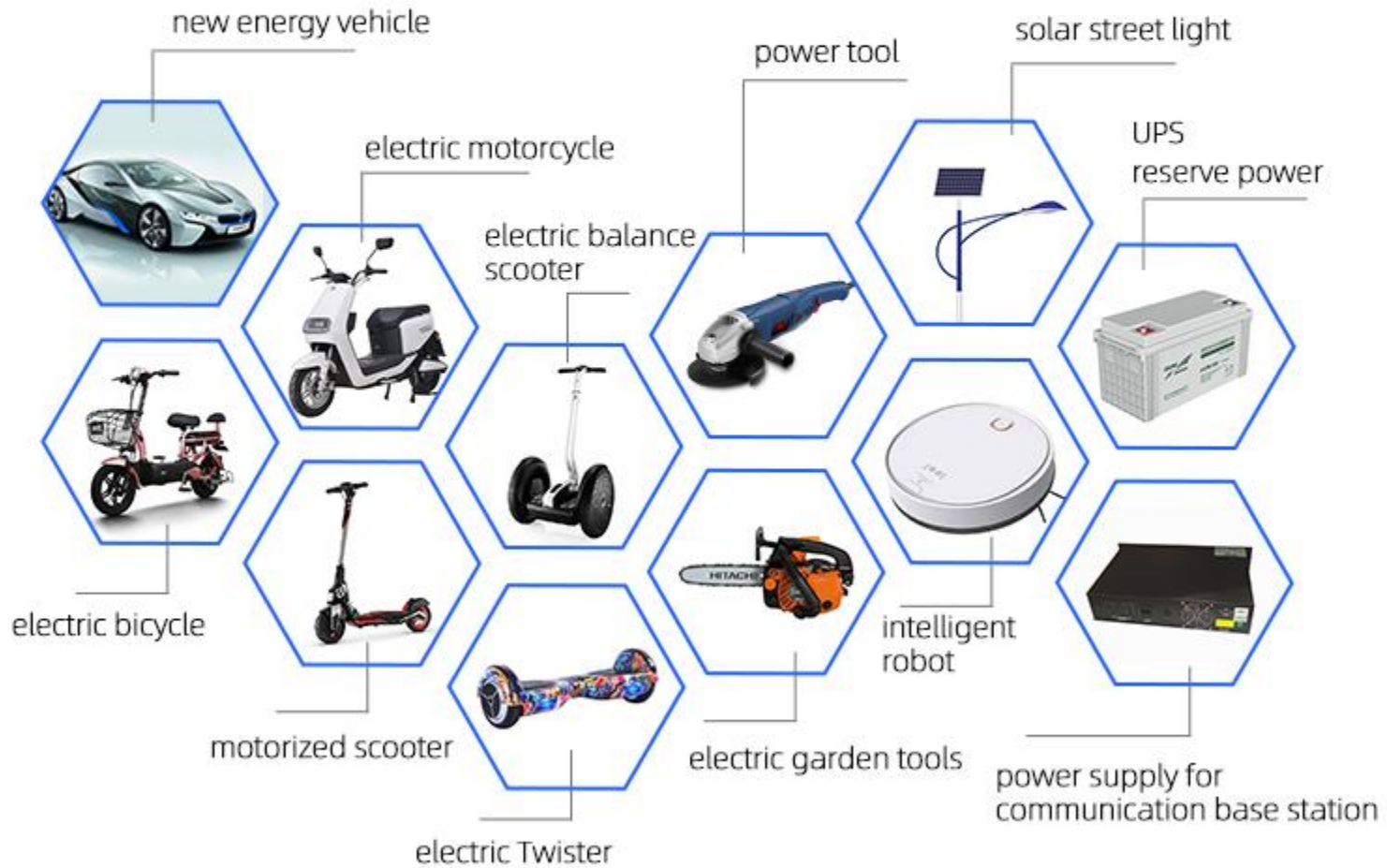


DURABLE

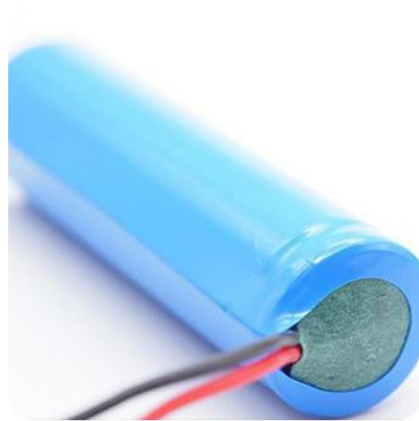


REAL MATERIAL

# Areas of application



## Quality sample processing



The equipment first through the cylinder will be transported to the core of the knife die punching position, the knife die components will be cut barley paper pasted on the positive end of the core, paste the core through the motor transfer to the sorting machine bin. Sorting machine through the voltage internal resistance tester to test the voltage resistance of the battery cell, according to the host computer software settings to test the parameters of each battery cell, and in accordance with the results of the battery will be loaded into the different channels, so as to achieve the integration of battery products automatically sticker sorting.

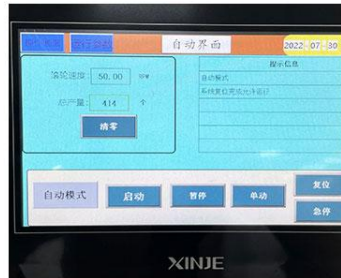
## Product Parameters

|  |  |
|--|--|
| Equipment name                         | Automatic barley paper ten gears sorting machine connected                   |
| Equipment power                        | AC220V 50/60HZ 2.5KW   |
| Use of air pressure                    | 0.5-1.0Mpa   |
| Artificial time limit                  | Saves 2-3 people   |
| Cushion shape                          | Outer diameter 25mm Inner diameter 16.5mm                                    |
| Equipment Size                         | L2235*W1575*H1610mm  |
| Equipment weight                       | Approx. 480kg  |
| Thickness of barley paper              | 0.1-0.3mm  |
| Barley paper roll specification        | Inner diameter 75mm, maximum outer diameter 350mm                            |
| Control method                         | PLC 7" Touch Monitor   |
| Punch Pad Power                        | With cushioning power to ensure no damage to the core                        |
| production efficiency                  | Approx. 3000pcs/h  |
| Feeding method                         | Hopper type device   |
| Internal Resistance Detection Accuracy | Range 0-60 mΩ; Accuracy ±0.5% rdg; Resolution 0.1mΩ                          |
| Voltage measurement accuracy           | Range 0-10V; basic accuracy ±0.015% rdg; resolution 0.1mV                    |
| Scope of application                   | Cylindrical batteries (can be customised according to customer requirements) |



## Our Advantages

Good products to tell you in detail



### PLC Touch Display

Real-time monitoring of the operating status of the equipment, parameters can be set through the touch screen, support for CAD guide, can store 99 groups of programming files.

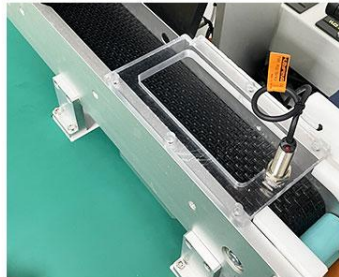
### Feeding device

Hopper tilting design, no impact and scratch to the battery, single person operates several machines to improve work efficiency.



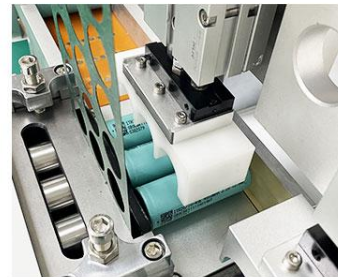
### Feeder belt

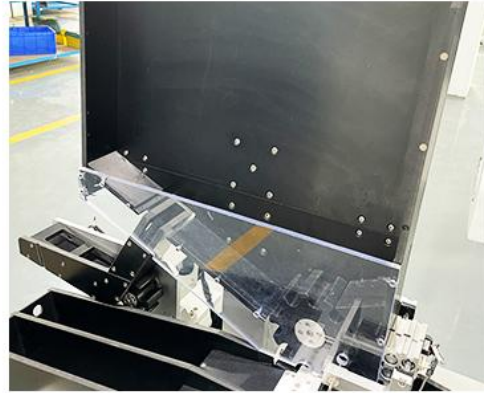
Intelligent sensing of missing cells as they pass through the conveyor belt improves productivity.



### Barley paper sticker device

Stamping mill unique oil system, the knife mold is not sticky, can be recycled for 3-5 years barley paper lamination consistency is good, stick firmly and beautifully



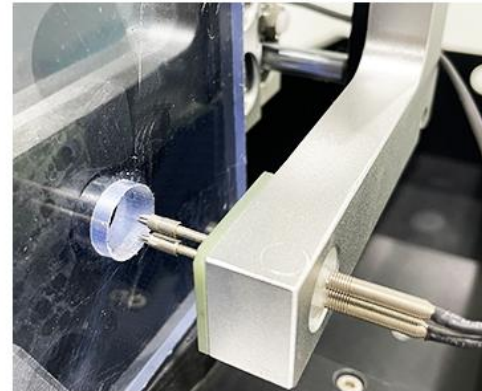


## Sorting and loading device

Inclined hopper design, no impact and scratch to the battery, 500 pcs at one time, convenient and efficient.

## Precision test needles

The parameters of each battery cell are tested according to the software setting of the upper computer, which is accurate and efficient.



## High Precision Battery Internal Resistance Tester

According to the software settings of the host computer, test the parameters of each battery cell, according to the results of the judgment of different levels of batteries will be loaded into different channels.



# Product Structure Diagram

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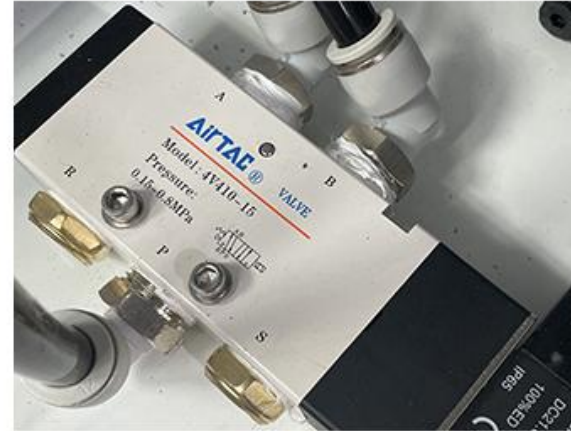


# Product details

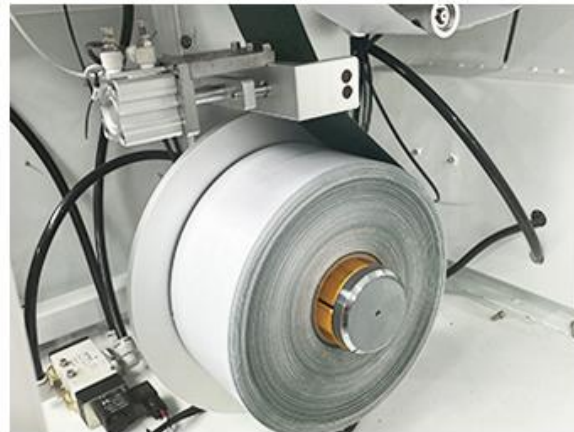
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**Branded servo motors**



**Brand Cylinder**



**Barley paper loading device**



**Barley paper waste recycling device**