

TRICROWN



 合肥三冠机电设备有限公司
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2026

Hefei Sanguan Electromechanical Equipment Co., Ltd.



TRICROWN

Hefei Sanguan Electromechanical Equipment Co., Ltd.

Packaging manufacturer
equipment with 23 years of experience
work in the market (founded in 2003).
The company specializes in
comprehensive solutions in the field
packaging equipment, covering
full cycle: R&D, production, sales and
service.

The trust of industry leaders is our greatest value!

70% of leading Chinese seed production enterprises have chosen TRICROWN equipment for their production lines

Syngenta Group China, Longping High-Tech y Fengle Seed Industry has fully automated key processes using our solutions

Tested in real-world conditions: the equipment is used at the largest enterprises under maximum loads 24/7

Long-term partnership: many clients have been cooperating with us for over 15years, consistently updating their equipment with new lines

Our customers are not just buyers, but strategic partners who trust us with their most critical production processes.





Vertical packaging machine
 Вертикальная упаковочная машина



Automatic heavy-duty bag packaging machine
 Автоматическая машина для упаковки в тяжелые пакеты



AI intelligent visual counting machine
 AI-интеллектуальная визуальная машина для подсчета гранул



Bag feeding packaging machine
 Машина для упаковки в готовые пакеты



Net bag packaging machine
 Автоматическая машина для упаковки в сетчатые пакеты



Automatic combination weigher
 Комбинированная весовая машина

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AI Intelligent Visual Calculating Machine is an innovative equipment developed by Chinese company **Hefei Sanguan Electromechanical Equipment Co., Ltd.** (TRICROWN). The device uses high-quality HD cameras and powerful recognition algorithms to process images, integrating advanced artificial intelligence technologies and machine vision. This is The solution provides accurate and efficient particle counting for various branches of industry.

The vertical packaging machine **MJB3600L** is a high-performance equipment for automatic packaging of granulated and tableted materials. System ensures a continuous packaging process with a throughput of up to 70 bags per minute, making it an ideal solution for large manufacturing enterprises.

1. **Material feeding:** Bulk product is fed into the upper part of the machine.
2. **Formation of the package:** The roll film is formed into a tube, which is filled with material.
3. **Sealing:** The bottom of the bag is formed at the bottom, then the bag is filled with the product.
4. **Top Sealing:** After filling, the top of the bag is sealed and cut off.
5. **Dispensing the finished product:** Finished packages are fed to the conveyor for further processing.



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Fully automatic secondary packaging line **SG- RB**

is a high-tech industrial equipment designed to automate the secondary packaging process. This system covers the entire packaging cycle: from receiving already packaged small bags to finished products placed in large bags or boxes. The device significantly reduces labor, material, and financial costs, increasing overall production efficiency.

Multi-channel combined
The Multihead **Combination
Weigher** is
is a high-precision automatic
equipment for weighing and
dosing of bulk materials. This device consists
of
several independent weighing
bunkers (channels),
located bunker, which
allows for high
accuracy and productivity at
working with various materials.



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A robotic stacker is a specialized, integrated industrial machine that automatically stacks packaging bags according to a preset layout, individually or in layers, onto pallets or into shipping containers. Typically used as the final equipment on a packaging line, it significantly reduces the need for manual labor and increases production capacity and transportation capabilities.



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Tonnage weigh batcher

(Ton Bag Scale) is a modern industrial equipment for

automatic weighing and

packaging of large-sized materials in full-in-weight bags (FIBCs). This system ensures accurate

dosing of materials weighing from 500 to 1500 kg, making it an ideal solution for companies working with large volumes of products.



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Automatic packaging machine.



Transport and control unit.



Ensures correct package shape before palletizing.



The robotic arm picks up the packaged items and places them on pallets.



The conveyor system moves the packaged products.



Automatic lifting system and return of pallets.



Automatic lifting system and return of pallets.

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