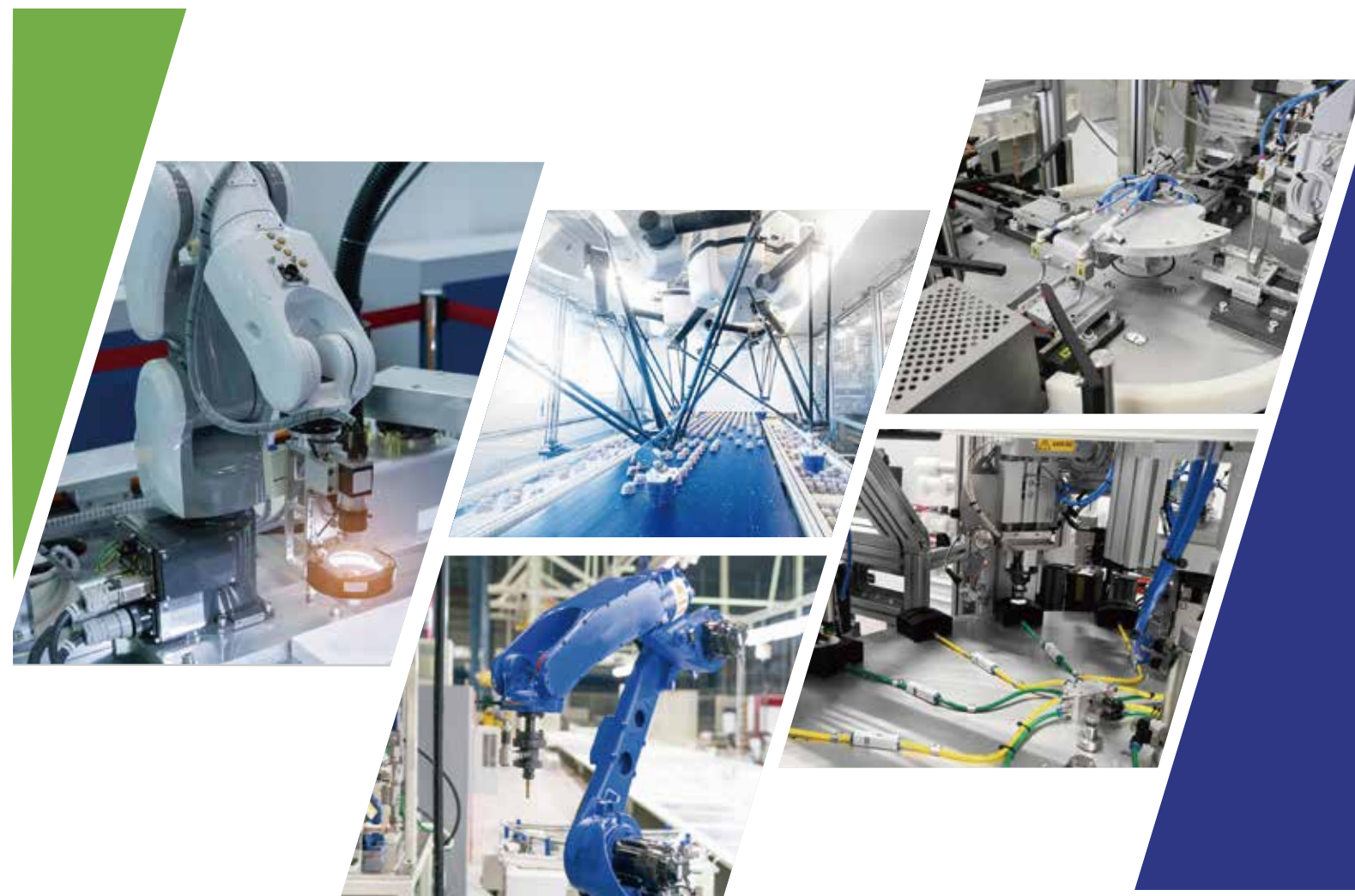




TAILOR MADE AUTOMATION SYSTEM TURNKEY SUPPLIER



Sino Bright Exceed (zhengzhou) Intelligent Tech Co., Ltd.

Hengfeng Science And Technology Innovation Center,
Airport Economic Zone,Zhengzhou,China

Mobile/WhatsApp: +8615136164937

E-mail: mar@zshy-tech.com

Website: <http://automationlines.com>



**AUTOMATIC ASSEMBLY MACHINE
AUTOMATIC PACKAGING MACHINE
ROBOT APPLICATION**

SINO BRIGHT EXCEED(ZHENGZHOU) INTELLIGENT TECH CO., LTD



ZSHY Automation

ZSHY Intelligent Technology company, Led by a group of savvy engineers and industrial experts with over 10 years technical experience in manufacturing high end automation equipments, is the only one in China solely focused on Smart manufacturing & turn-key project planning.

We specialize in special purpose machinery, automation systems, semi or fully automated production lines, sorting and assembly full turnkey solutions.

Inspired by 10 years of technical precipitation in the area of specialised automation engineering in Yuto Group,ZSHY is available to offer bespoke automation solutions for advanced manufacturing industries including cosmetics, pharmaceutical, medical device, electronics, metal working, food, consumer goods, and automotive.

We will keep the customer at the centre of our thoughts in all that we do. Working with purpose, pace and flexibility to exceed your expectations.

Welcome to Join hundreds of ZSHY' s happy customers to build your automatic and smart production workshop.

ZSHY WORKSHOP



ZSHY TEAM AND EXHIBITION HALL



ISO CERTIFICATES



Customized Automatic Assembly line



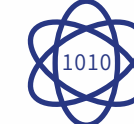
Fully automated



Modular design



Compatible/Flexible



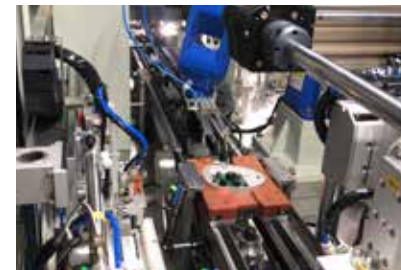
Digital



Intelligent



PCB/PCB inspection



Electronic components assembly



Function inspection



Visual guidance, positioning, detection by machine vision system



Label printing and pasting



Automatic carton filling



Carton sealing and banding



Automatic palletizing

Automatic carton erector, case packer, carton sealing and robot palletizing line

In-line dynamic weighing



Automatic carton Folding and Sealing Machine



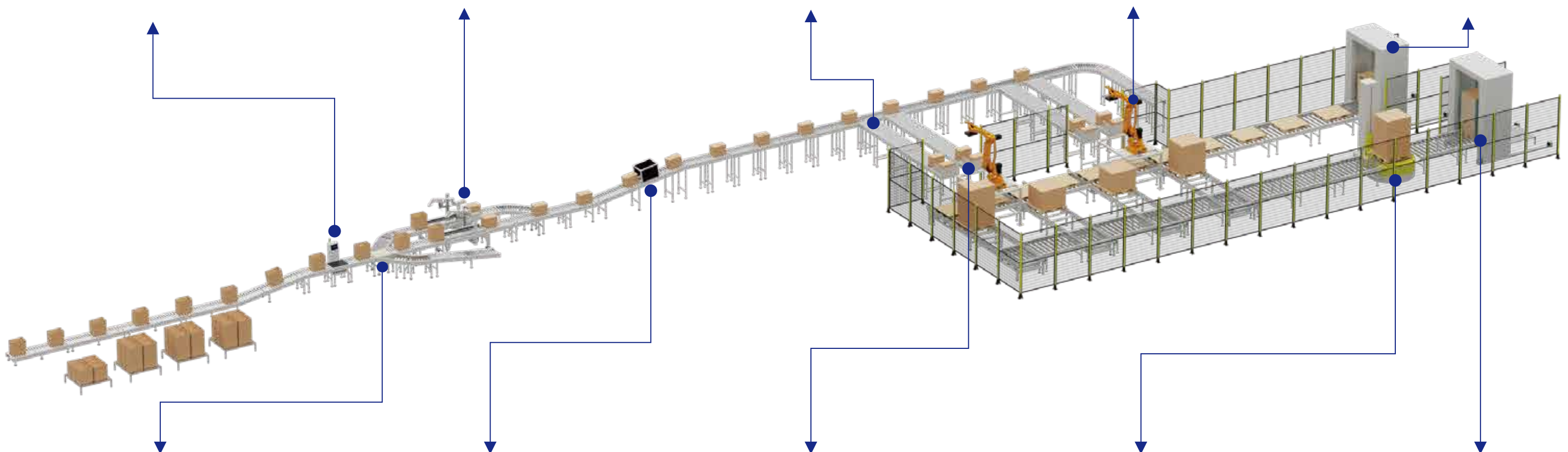
Automatic channel sorting



Robot palletizing



Automatic pallets feeding



NG cartons rejection and diversion



Code reading and sorting



Lable contents checking



Winding and laminating machine



Automatic pallets unloading

Automatic case packer



>>> Functions:

Products packages suitable for case packer:

- | | |
|------------------------------|--|
| 1. Bottles, jars and cans | 6. Cosmetic and Personal Care Products |
| 2. small box | 7. electronics |
| 3. Pouches, sachets and Bags | 8. Hardware and DIY Products |
| 4. Frozen Foods | 9. Automotive parts |
| 5. Dairy products | |

>>>

- | | |
|--|------------------------|
| Horizontal Case Packer | Vertical Case Packer |
| Top-Load Case Packer | Wraparound Case Packer |
| Side-Load Case Packer | Drop-Pack Case Packer |
| Automatic case packers can be customized | Robotic Case Packer |

◆ Technical parameters

Model No.	ZSHY-CF01
Applicable Package type	carton/box/tray/containers etc.
Applicable Carton size	L200-500 *W200-400*H150-450MM or customize
Packing speed:	40-70 packages per minute(can be customized)
Voltage	380V/50Hz or 380V/60Hz
Power(approx.)	3KW
Air pressure	0.6-0.8Mpa
Machine Size	L2500*W1000*H1350

High speed carton opening machine

◆ Technical parameters

Model No.	ZSHY-CO01
Applicable Carton size	L240-510 *W190-400*H120-400MM or customize
Voltage	380V/50Hz Three phase cables
Power	750W
Opening speed	25pcs/min
Air pressure	5kg/m ³
Air consumption	300NL/min
Applicable Adhesive size	48mm/60mm
Carton storage	80pcs(Automatic carton loading mechanism can be added)
Machine Size	L2372*W1210*H1820
Machine Weight	1000kg



>>> Functions:

- 1 Real-time display of operation and alarm.
- 2 Opening speed adjustable, frequency converter control.
- 3 Door opening pause and alarm.
- 4 Automatic warning of no carton and no tape in the bin.
- 5 Realize carton sucking, unpacking, forming, bottom folding and bottom sealing.
- 6 Horizontal carton storage, non-stop carton feeding.
- 7 Adopts the cam continuous system to make sure precise mechanical operation.

Automatic carton folding and sealing machine

◆ Technical parameters

Model No.	ZSHY-FS01
Applicable Carton size	L200-500 *W170-500*H150-500MM or customize
Applicable Adhesive paper	48/60/72mm*900yd/L OPP(optional)
Voltage	220V/50Hz
Power	240W
Belt speed	18-20m/min Belt W48
Worktable height	600-750 (mm)
Air pressure	5kg.f/cm-100nl/min
Machine Size	L1770*W850*H1520



Automatic column type palletizer machine

Payload range	1-80KG
Speed	300-720 cartons/hour
Applicable packages	Carton box, plastic box, barrel, bag, Film wrapped beverages

Applicable industries:

- Food and Beverage Industry
- Pharmaceutical Industry
- Consumer Goods Industry
- Manufacturing and Industrial Products
- Building Materials and Construction
- Chemical Industry
- Logistics and Distribution Centers
- E-commerce and Retail
- Paper and Printing Industry



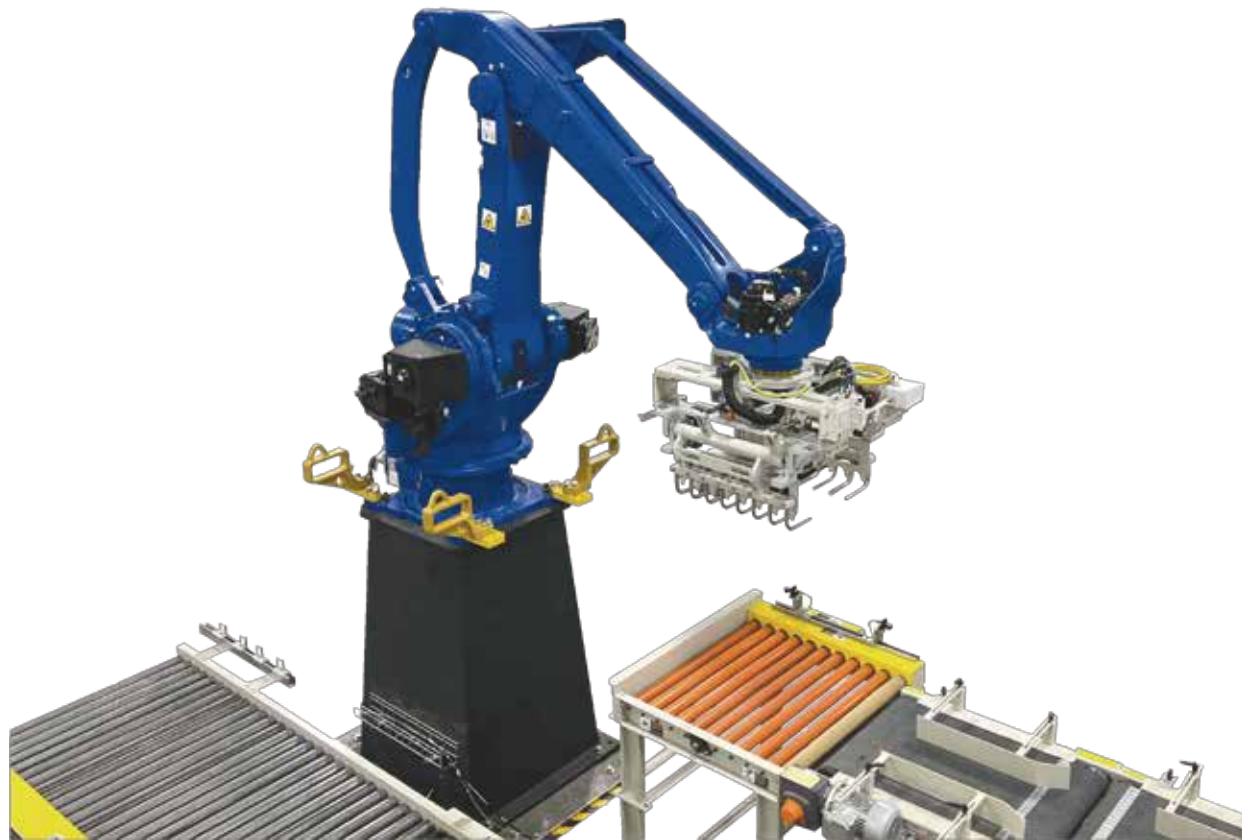
In-line Automatic winding and laminating machine

◆ Technical parameters

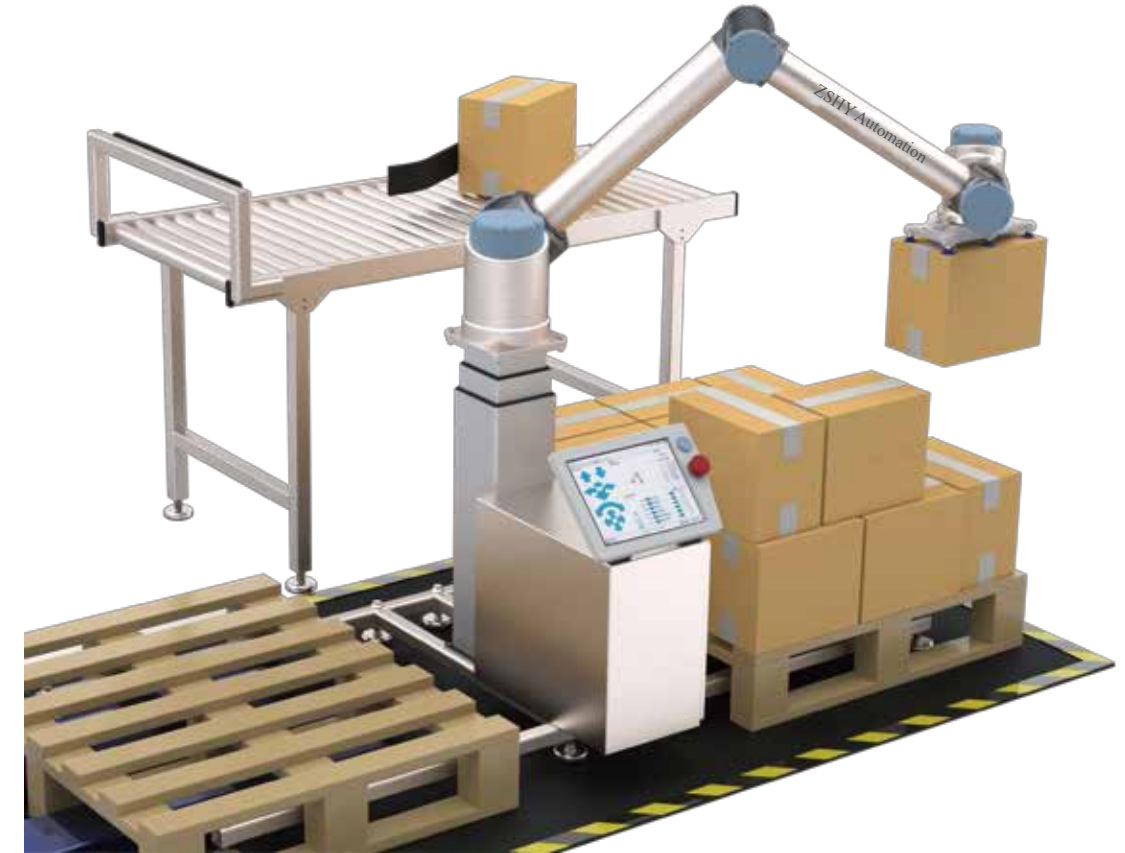
Applicable package size	500-1200mm*500-1200mm*1800mm
Laminating width	1500-1700 mm
Conveyor height	500mm
Line Weighing	2000KG
Stretch ratio	200-300%
Packing height	1800mm
Disc rotation speed	0-15pa
Voltage	380V/50Hz or 380V/60Hz Single phase
Power(approx.)	3.3KW
Air consumption	0.4-0.6Mpa
Machine Size	L4100*W2550*H3200
Machine Weight	1380kg



Automated Robotic Palletizer



Automated Cobot Palletizer



>>> High adaptability, speed, and precision

- 1** High efficient: 800-1200 packages/hour.
- 2** Flexible: Apply to a wide range of product sizes, shapes, and weights.
- 3** Gripper: compatible with multiple packages.
- 4** Special software: define palletizing patterns, coordinate movements.

◆ Technical parameters

Palletizing efficiency	40-45 cases/min 17-20bags/min
Robot Load	15KG-180KG optional
Product conveyor belt height	850mm or customized
Pallet conveyor belt height	650mm or customized
Pallet size	Approx.140MM
Package size	based on sample
Stacking method	based on customer's requirement
Pallet stacking bin	15 pallets as standard
Power supply	11KW
Machine weight	5500kg
Equipment size	Approx. L8400 mm x W4700mm x H3700mm
Applicable products	Boxes, containers, cans, bags, etc.
Arm span	1520-3100 mm

Robot arm assembly machine



High efficient:

2 -3 seconds /one time operation

Flexible:adjust to quick switch between different product lines or processes.

24/7 Operation:continuous production and reduce downtime.

Quality Control:Incorporate sensors and vision systems to inspect and ensure the quality.

Machine vision system solution



High accuracy
(low false-reject rate)



To ensure quality and safety

Intelligent camera with wide viewing range



Scalable configuration



1.PRODUCT INSPECTION

2.ASSEMBLY PROCESS INSPECTION

3.PACKAGING INSPECTION

4.LABELING AND PRINTING INSPECTION

Deep learning application

