GESTIÓN DE COMPRAS
industrial sourcing

Automation SOLUTIONS

Gestión de Compras is a profesional designer and manufacturer of automation solutions, devoting to be an innovative and comprehensive partner in the whole set of manufacturing areas, supplying reliable and stable automation solutions and equipment, assisting the innovation and development of the entire industry chain.

Our solutions cover gas, petroleum, nuclear power, water supply, drainage, heating, automobiles, automatic loading and unloading and other industries, including testing, assembly, handling, electric fusion pipe fittings production automation equipment, post wiring equipment, packaging equipment, plastic particle unpacking & stacking equipment, systems and other overall automation solutions. Here you can find some of our projects, ask our team for other solutions.

OUR ADVANTAGES

- **REDUCE COSTS**
- **EFFICIENT & ENERGY-SAVING**
- **IMPROVE QUALITY**
- **TEAM FLEXIBILITY**
- **INCREASE PRODUCTIVITY**
- **QUICK RESPONSE**
- **ENSURE STABILITY**
- **AFTER-SALE SERVICE**

Automation SOLUTIONS

OUR PROJECTS

Here are some examples of our work; we offer additional tailored and customized solutions. Please contact us for more information.

1. Plastic Particles Feeding & Unpacking Machine

Usually divided into robotic unpacking and automated unpacking.

Robotic unpacking

1. Feeding level (Multiple groups are optional): The material pallet is manually loaded into the positioning tool, and the robot grabs the material bags.
2. The robot takes pictures and positions them through the camera, and the gripper tooling grabs the material bags.
3. Guide bin, collecting bin (Multiple groups are optional):
4. The robot grabs the bags to the top of the guide bin, cuts the bags, and the manipulator shakes out the remaining material to the collecting bin.
5. Bags recycling bin: The robot places the poured bags into this recycling bin.
6. The equipment can reserve ports to connect to the SAP or ERP system, intelligent optional.

Automated Unpacking:

1. Pallet loading level: Manually load the material pallet into the positioning tool and hook it by the self-made navigation manipulator.
2. Guide bin, collecting bin: The robot hooks the material bags to the guide bin, cuts them and releases the material to the collecting bin.
3. Bags recycling bin: Self-made manipulator places the poured bags into this recycling bin.
4. Control screen: Displays the status of all internal devices, integrating all functions into one for control.

Automation SOLUTIONS

OUR PROJECTS

2. PE ELECTROFUSION Pipe Fittings Automation Equipment

Four Wire Laying Processes

1. Two-step molding process
2. Front bare wire laying process
3. Front cored wire laying process
4. Post wire laying process

All these processes can be completed by our company automation equipment.

From product moulds to robotic equipment to automated production, the company provides a full range of production engineering in this field. All programs of the device are non-replicable systems (patents).

Greatly enhance production efficiency, stabilize the product qualification rate, and reduce labor costs and intensity. The efficiency is 2–3 times that of manual production, and the qualification rate reaches more than 98%.

Automation SOLUTIONS

OUR PROJECTS

3. PPR / PVC Pipe Fittings

Sorting and Packaging Automation Equipment

Suitable for full series products of PPR and PVC fittings.

Functions:

1. The hoist lifts the product from the material bin to the belt line and sorts the material through the sorting device;
2. The camera identifies the sorted material, which is grabbed by the spider hand robot and laser marked on the tooling, and the excess material is returned to the hoist;
3. Packed according to customer requirements, including single product packaging, small box packaging, and large box packaging.
4. Stacking or palletizing.