

GPM—R30GD Collaborative Robot Palletizer



The portable collaborative robot palletizer works closely with human workers to improve production efficiency and flexibly adapt to different tasks. It is equipped with safety sensors to create a safer and more efficient working environment for workers. It has a delicate and beautiful appearance and is easy to adjust. This equipment uses a touch screen to achieve intelligent operation management, which is simple and easy to master. It can greatly reduce the number of workers and reduce labor intensity. It can be used independently or in conjunction with automatic palletizers and pallet conveyors to realize a fully automatic palletizing system. It is widely used in the palletizing process of many industries, such as cartons, medicines, daily necessities, food, beverages, cosmetics, metal products, etc.

FEATURES

- Intelligent collaboration: self-developed kernel operating system, fast switching of multiple functional scenarios, achieving true human-machine collaboration, and secondary development.
- Programming-free one-button start: programming-free, automatic palletizing, visual palletizing, multi-box & continuous box palletizing, setting new paths within 5 minutes, and up to 800 palletizing paths;
- Compact and powerful: lightweight model, light volume, large load capacity, load up to 30KG, covers an area of 6 square meters (including double stacking), and can be easily used upstairs.
- Safe and stable: with international safety CE certification, box drop detection, box pressure detection and dynamic radar protection, optional three-sided radar protection electronic fence or grating protection fence, with high reliability and safety;
- Cost-effective: fixed model, lower maintenance cost.

- High compatibility: customizable, strong flexible operation ability, can be switched and set at any time according to production needs and site needs; can meet the requirements of different sizes of cartons and different palletizing structures.

SPECIFICATIONS

MODEL	GPM-R30GD
Palletizing speed	8-10 boxes/minute
Load	30KG
Working radius	2000mm
Machine height	2850mm
Arm length	2000mm
Palletizing height	300-2300mm
Maximum pallet size	1200mm*1200mm*140mm
Area	6m ²
equipment weight	550kg
temperature range	0-55°C
Rated voltage	220v
equipment power	2500w
Protection level	IP54
Compatible size	L: 200-1200mm W: 200-1200mm H: 100-600mm