
GLOSSARY OF TECHNICAL TERMS

In this document, unless the context otherwise requires, explanations and definitions of certain terms used in this document in connection with our Group and our business shall have the meanings set out below. The terms and their meanings may not correspond to standard industry meanings or usage of these terms.

"AGV"	automated guided vehicle
"AI"	artificial intelligence
"AMR"	autonomous mobile robot
"API"	application programming interface
"APS"	smart advanced planning and scheduling systems
"AS/RS"	automated storage and retrieval systems
"CAGR"	compound annual growth rate
"CE"	European conformity (conformité européenne)
"CNC"	computer numerical control
"conveyor"	a mechanical device used for the continuous transport of materials or goods within a facility, typically using belts, rollers, or chains
"cross-docking"	a logistics process in which inbound goods are sorted and transferred directly to outbound transportation without being placed into long-term storage, thereby minimizing handling times and storage costs and improving supply chain efficiency
"ERP"	enterprise resource planning system
"ESG"	environmental, social and governance
"FMS"	flexible manufacturing systems
"GB/T"	Recommended national standard of the PRC
"GMP"	Good Manufacturing Practice
"industrial robot"	a type of robot designed for manufacturing and warehousing processes, typically used for tasks such as welding, painting, assembly, and material handling, and automated picking and packing, sorting and distribution, and palletizing and depalletizing

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“intralogistics”	refers to the internal flow of materials and goods within a facility, such as a warehouse, factory, or distribution center. It includes all the processes involved in transporting, storing, and handling items from the point they enter the facility to the point they leave
“ISO 14001”	Environmental Management System, released by ISO (International Organization for Standardization)
“ISO 50001:2018”	Second edition of Energy Management System, released by ISO (International Organization for Standardization) in 2018
“ISO 9001”	International Quality Management System, released by ISO (International Organization for Standardization)
“IT”	information technology
“kg”	kilogram
“KPI”	key performance indicator
“m”	meter
“m/min”	meters per minute
“m/s²”	meters per second squared
“MES”	manufacturing executing system
“min”	minute
“mm”	millimeter
“mobile robots”	a type of robot designed for efficient transport of items along predefined paths, using technologies like magnetic strips or laser guidance to ensure accuracy
“new energy industry”	the part of the energy industry focusing on the development, usage and promotion of new energy, covering lithium-ion batteries, energy storage, solar photovoltaic and other relevant sectors
“new materials”	advanced industrial materials, including polymer materials, new energy battery materials, semiconductor materials, advanced refractory materials, and industrial products utilizing novel material technologies
“packing”	the process of preparing picked items for shipment, including boxing, sealing, and labeling

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"picking"	the process of retrieving items from storage to fulfill customer or production orders
"RFID"	radio frequency identification
"RGV"	rail guided vehicle
"shuttle"	refers to a small, automated vehicle or cart used within automated storage and retrieval systems to move goods horizontally within shelving or racking system
"sorting"	the process of classifying or organizing items based on defined criteria such as destination, size, type, or order, as part of warehouse or distribution operations
"sq.m."	square meter
"SRM" or "stacker crane"	a type of automated machine used for material handling in warehouses, primarily for the storage and retrieval of goods in racking systems. Also referred to as storage and retrieval machine
"staging"	the temporary placement of goods in designated buffer areas within a warehouse to facilitate the sequencing and preparation of outbound shipments or subsequent operations
"throughput"	the number of units, loads, or items that can pass through a system per given unit of time
"TVOC"	Total Volatile Organic Compound
"VIN"	vehicle identification number
"WCS"	warehouse control systems
"WMS"	warehouse management systems
"°C"	degree Celsius, the unit of temperature measurement on the Celsius scale