

Product Specifications

	ELD2 DC Servo Drives	2ELD2 DC Dual-axes Servo Drives
Power Rating	50W - 2500W	Each axis 400W - 1kW
Input Voltage	24~70VDC	24~70VDC
Features	Up to 180Amp(127Arms) Power brushed DC, and brushless DC/ AC servo motors STO and Logic Power Compatible with 3RD party brush/ brushless motors	Dual-axis, each axis current range up to 90Amp(64Arms) Power brushed DC, and brushless DC/ AC servo motors STO and Auxiliary input power Direct control of brake Compatible with 3RD party brush/ brushless motors
Command source	Pulse+Direction / Analog input / Modbus RTU / CANopen/Pr Mode	Pulse+Direction / Analog input / Modbus RTU / CANopen /Pr mode
Inputs and Outputs	2 fast pulse input, 5V only 4 programmable digital inputs 2 programmable digital outputs Encoder AB output 1 analog input: -10V to +10V	Max pulse input: 500 kHz 4 programmable digital inputs 2 programmable digital outputs 1 analog input: -10V to +10V

	ELVM Servo Motors	iSV2 integrated Servo Motors
Power Rating	50w - 2kw	200w/400w/750w
Input Voltage	24~48VDC	24~60VDC
Frame size	40/57/60/80/86/130mm	60/80mm
Command source	×	Pulse+Direction / Modbus RTU / CANopen
Inputs and Outputs	×	Max pulse input: 500 kHz 4 programmable digital inputs 2 programmable digital outputs



Stock Code: 002979



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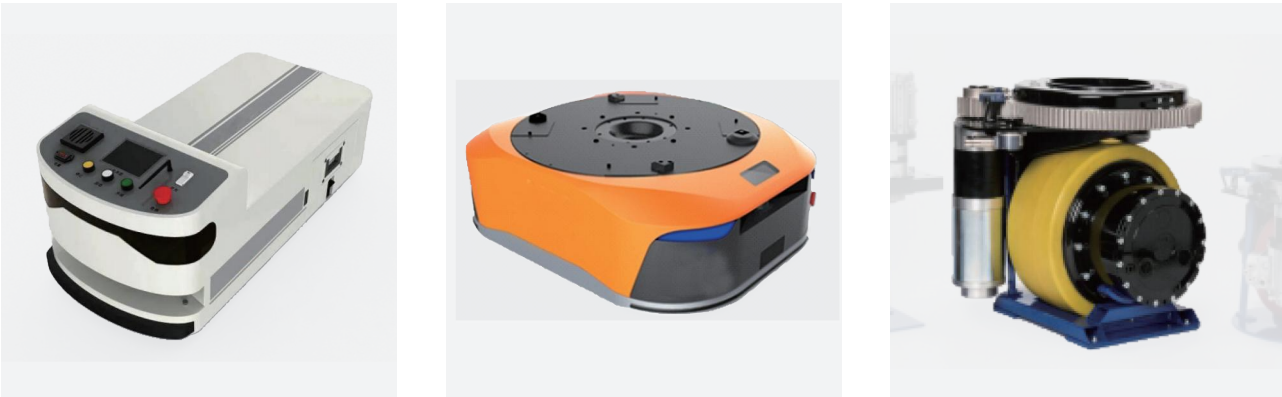
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AGV Application with Leadshine
DC Servo System

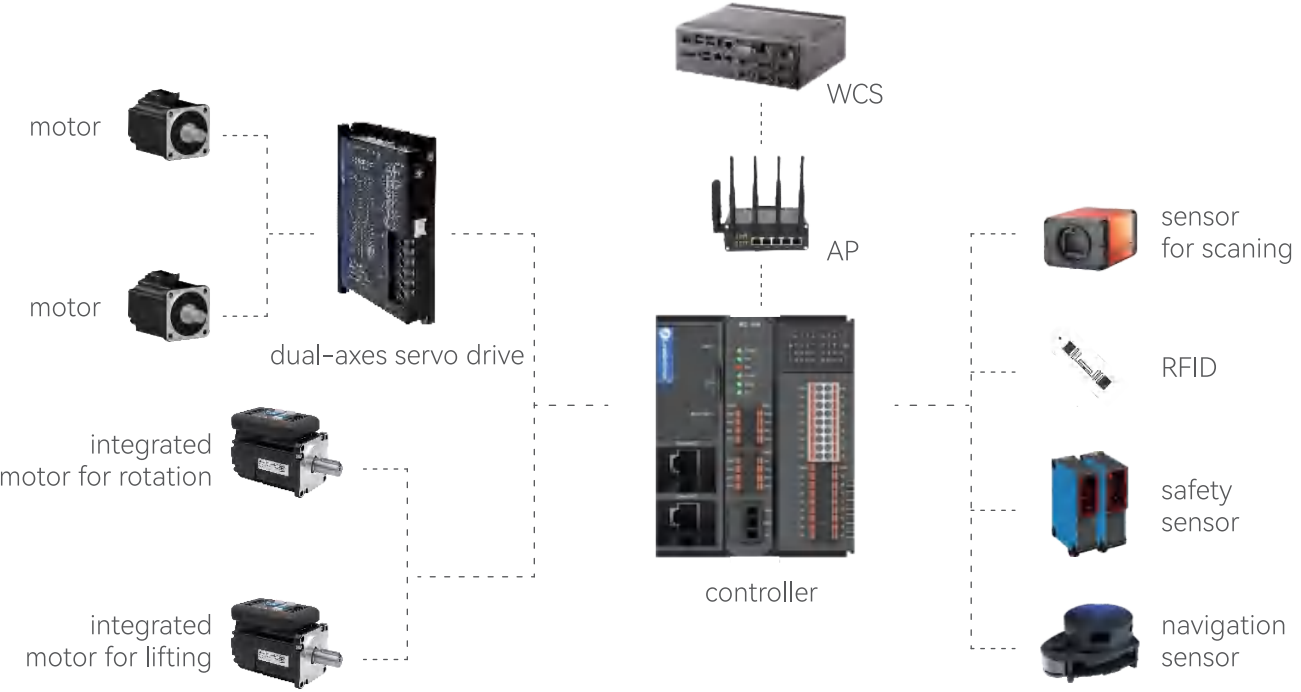
Equipment Introduction

AGV: Automated Guided Vehicle.

An automatic guided vehicle system (AGVS) consists of one or more computer-controlled, wheel-based load carriers (normally battery powered) that run on the plant or warehouse floor (or if outdoors, on a paved area) without the need for an onboard operator or driver. Automatic guided vehicles (AGVs) are implemented across facilities to move materials and enhance efficiency and productivity while reducing product damage and labor cost. AGVs allow workers to be assigned to tasks where they could add value to the product rather than performing redundant and risky tasks.



Equipment Introduction



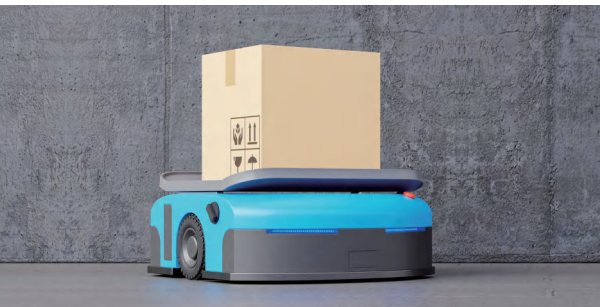
Product Solution



Solution Features

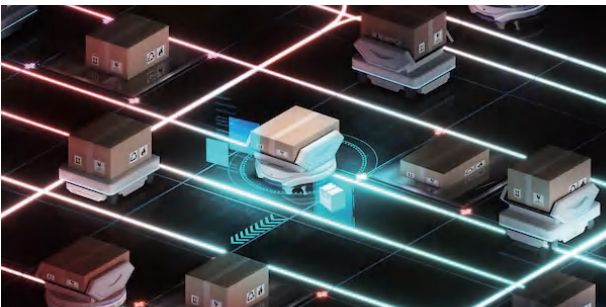
Strong Load Capacity

Three times overload capacity of the drive and motor can increase the instantaneous overload capacity of AGVs, and set a higher acceleration to improve the AGV running efficiency.



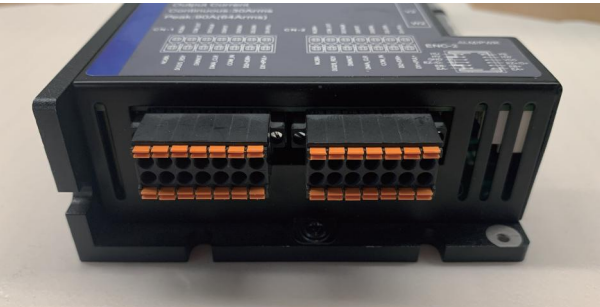
High Positioning Accuracy

The motor is equipped with a high-precision encoder, while the drive adopts S-shaped curve planning, which makes the operation more stable, the start and stop more soft.



Supports NPN/PNP Connections

Drive IO ports support PNP/NPN connection, can be connected with all European and Japanese PLC, sensors.



Safe and Reliable

The drive has alarm synchronous braking, multiple safety protection, built-in 24V brake power output, It supports functions such logical power and STO.

