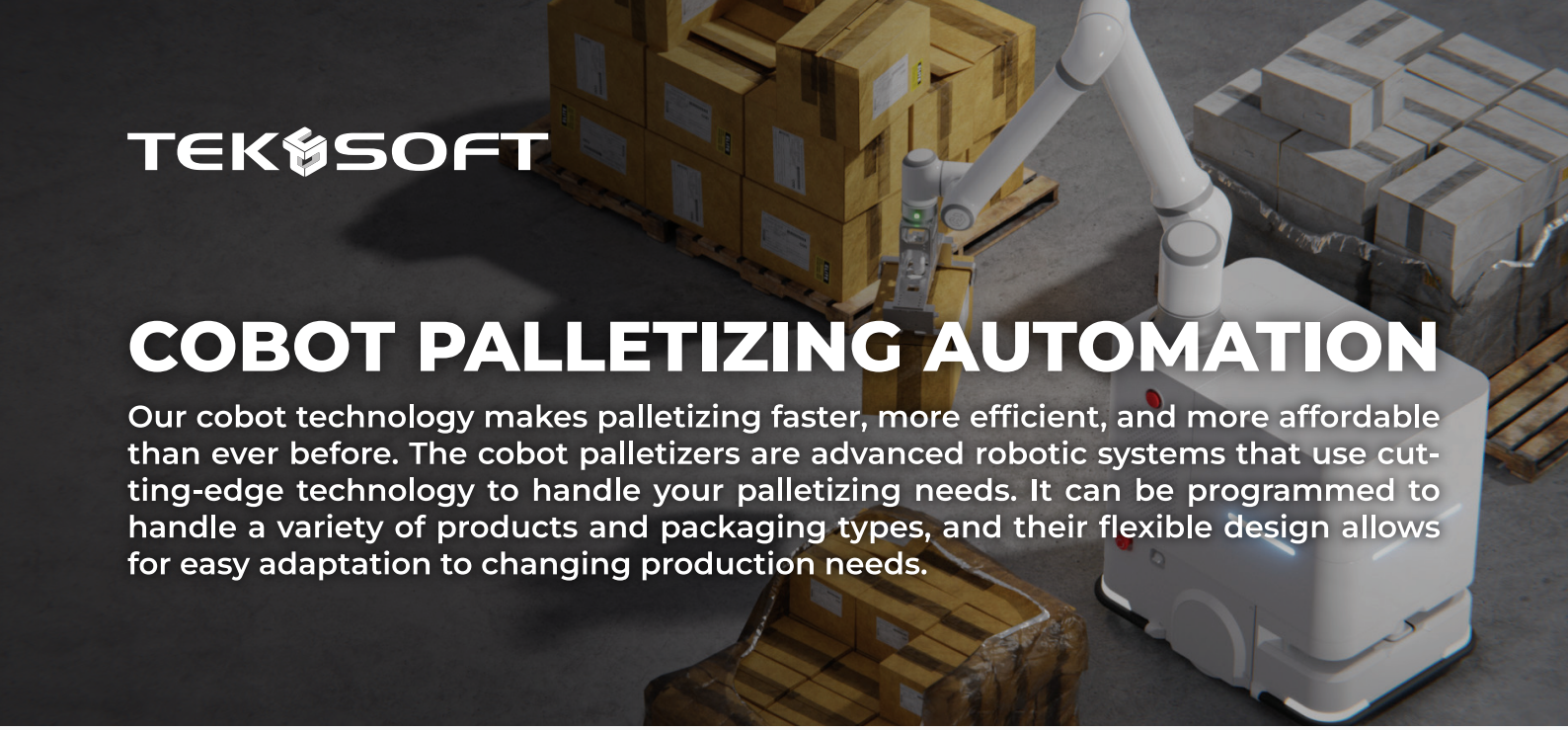

TEKSOFT

COBOT PALLETIZING AUTOMATION

Our cobot technology makes palletizing faster, more efficient, and more affordable than ever before. The cobot palletizers are advanced robotic systems that use cutting-edge technology to handle your palletizing needs. It can be programmed to handle a variety of products and packaging types, and their flexible design allows for easy adaptation to changing production needs.

Increased Efficiency
Work faster and more consistently, enhancing operational efficiency and throughput.

Enhanced Workplace Safety
Designed with advanced sensors and safety features to keep employees and products safe.

Improved Accuracy
Ensure accurate product placement and stacking, reducing the risk of errors and product damage.

Cost-effectiveness
Businesses can reduce labor costs while providing excellent ROI and long-term cost savings.

Why choose our Cobot Palletizing system



- Afforable pricing
- Free on-site assessment
- Fast & easy setup
- Space-saving design
- Pick & place up to 11 kg payload
- Able to handle 2 pallet at 1 time
- Suitable for:
  - ☑ Food industry
  - ☑ Medical industry
  - ☑ Cosmetic industry





TEKSOFT

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Model	Parameters	EC63	EC66	EC612
Robot arm	Net Weight	13kg	17.5kg	33.5kg
	Max. Payload	3kg	6kg	12kg
	Working Radius	624mm	914mm	1304mm
	Maximum Speed	2.0m/s	2.8m/s	3.2m/s
	Power Consumption	150W (Normal Working Conditions)	250W (Normal Working Conditions)	500W (Normal Working Conditions)
	Number of Axis	6	6	6
	Range of Motion（Axis 1）	±360°	±360°	±360°
	Range of Motion（Axis 2）	±360°	±360°	±360°
	Range of Motion（Axis 3）	±158°	±165°	±168°
	Range of Motion（Axis 4）	±360°	±360°	±360°
	Range of Motion（Axis 5）	±360°	±360°	±360°
	Range of Motion（Axis 6）	±360°	±360°	±360°
	Tool Side IO	2 x DI, 2 x DO, 1 x 24V, 1 x AI, 1 x AO, 1 x RS485		
	Robot Arm Power Supply	48V		
	Length of the Cable	5.5m		
	Installation Method	Any Angle		
	Certification	CE UL CR KCs RoHS		
	Repeatability Precision	+/-0.03mm		
	Body Material	Aluminum Alloy		
	Operating Temperature	0°C to 50°C		
	Working Environment Humidity	5%～95% (No Condensation)		
	IP Protection Class	IP54		
Controller	Communication Interface	16 x DI, 20 x DO, 2 x AI, 4 x AO.Ethernet TCP/IP, UDP, ModbusTCP. RS485/RS232, ModbusRTU. Profinet (Slave), Ethernet IP (Slave) (Optional), CCLink (Slave) (Optional)		
	Controller Cabinet Size	ERB1K6-220/110：478*380*120mm		ERB3K2-220/110：478*380*138mm
		ERB1K0-48/24：478*380*120mm		ERB2K0-48/24：478*380*138mm
		ERB2E1K6-220/110：505*448*245mm		ERB2E2K0-220/110：505*448*245mm
		ERB2E1K0-48/24：505*448*245mm		ERB2E2K0-48/24：505*448*245mm
	IP Protection Class	ERB1K6-220/110, ERB1K0-48/24：IP20		ERB3K2-220/110, ERB2K0-48/24：IP20
		ERB2E1K6-220/110, ERB2E1K0-48/24：IP44		ERB2E2K0-220/110, ERB2E2K0-48/24：IP44
	Control Cabinet Weight	15Kg		17Kg
	Control Cabinet Power Supply	220/110VAC (M:19-72VDC)		
	Working Temperature	0°C to 50°C		
	Working Environment Humidity	5%～95% (No Condensation)		
Teach Pendant	IP Protection Class	IP65		
	Working Temperature	0°C to 50°C		
	Working Environment Humidity	5%～95%(No Condensation)		
	Net Weight	1.8Kg		
	Resolution	1280 * 800		
	Size	290 x 225 x 118mm		
	Length of the Cable	5.5m		

** M Models are 48/24V DC Powered Models*