AM-30 Series

Expansion configuration plan for collaborative palletizing workstation

Further improve the safety, reliability, convenience, and unified plan selection for palletizing.

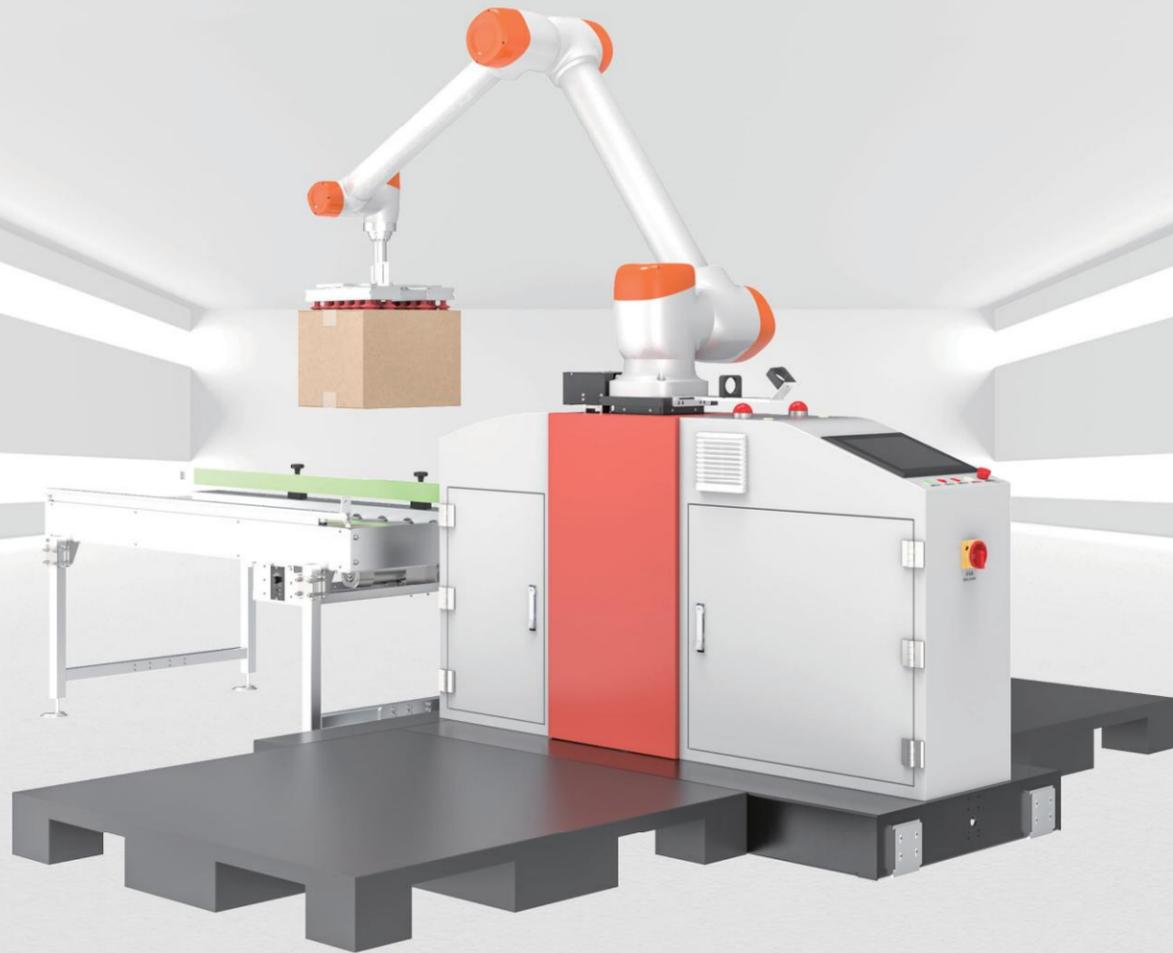| Lidar sensor	Safety fence + grating sensor	Inclined roller conveyor	Modular suction device
• Non - contact, with flexible setting of detection distance. • It stops immediately when entering the red zone.	• Physical protection, safe and reliable, • With stable performance, strong anti - interference ability, • High - sensitivity induction, quick response, • Long service life.	• Automatic edge - alignment of boxes • Adjustable within a large height range • Various material options • Long service life.	• Adapt to complex application scenarios • lightweight, with more compact space • Supporting non - standard customization at a more favorable price. • Inspection of lifting boxes by international big - brand products • High stability.

Product Specifications

ADMETAL

Model	zAM-30-G	AM-30-S
Load	30kg	30kg
Working Radius	1460mm	1460mm
Horizontal Distance (Pallet Specification)		
Coding Height	Fixed type H1 = 1600mm	Lifting type H2 = 2100mm
Coding Speed	≤ 7 pcs/min	≤ 7 pcs/min
Repeat Positioning Accuracy	± 0.04mm	± 0.04mm
Reference Air Consumption	300 - 500L/min	300 - 500L/min
Communication Method	EtherCAT interface, expansion I/O	EtherCAT interface, expansion I/O
IP Rating	IP54	IP54
Temperature Range	0 - 50°C	0 - 50°C
Maximum Power Consumption	3.3 kw	4 Kw
Power Supply	Single - phase 220v/50Hz	Single - phase 220v/50Hz
Overall Machine Weight	≈ 370Kg	≈ 440kg
Floor Area	1973 * 1488mm (excluding pallet and roller line)	1973 * 1488mm (excluding pallet and roller line)

Note: Codable box size L(100 - 500mm), W(100 - 500mm), H(110 - 500mm).

AM-30-H

Model	AM-30-H
Load	30kg
Working Radius	1460mm
Horizontal Distance (Pallet Specification)	
Coding Height	Lifting type H3 = 2300mm
Coding Speed	≤ 7 pcs/min
Repeat Positioning Accuracy	± 0.04mm
Reference Air Consumption	300 - 500L/min
Communication Method	EtherCAT interface, expansion I/O
IP Rating	IP54
Temperature Range	0 - 50° C
Maximum Power Consumption	4 kw
Power Supply	Single - phase 220v/50Hz
Overall Machine Weight	≈ 390Kg
Floor Area	1973 * 1488mm (excluding pallet and roller line)

Note: Codable box size L(100 - 500mm), W(100 - 500mm), H(110 - 500mm).

Expansion configuration plan for collaborative palletizing workstation

Further improve the safety, reliability, convenience, and unified plan selection for palletizing.

Lidar sensor

- Non - contact, with flexible setting of detection distance.
- It stops immediately when entering the red zone.

Safety fence + grating sensor

- Physical protection, safe and reliable,
- With stable performance, strong anti - interference ability,
- High - sensitivity induction, quick response,
- Long service life.

Inclined roller conveyor

- Automatic edge - alignment of boxes
- Adjustable within a large height range
- Various material options
- Long service life.

Modular suction device

- Adapt to complex application scenarios
- lightweight, with more compact space
- Supporting non - standard customization at a more favorable price.
- Inspection of lifting boxes by international big - brand products
- High stability.

AM-40-G

Expansion configuration plan for collaborative palletizing workstation

Further improve the safety, reliability, convenience, and unified plan selection for palletizing.

Lidar sensor	Safety fence + grating sensor	Inclined roller conveyor	Modular suction device

- Non - contact, with flexible setting of detection distance.
- It stops immediately when entering the red zone.

- Physical protection, safe and reliable,
- With stable performance, strong anti - interference ability,
- High - sensitivity induction, quick response,
- Long service life.

- Automatic edge - alignment of boxes
- Adjustable within a large height range
- Various material options
- Long service life.

- Adapt to complex application scenarios
- lightweight, with more compact space
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- High stability.

Product Specifications

ADMETAL

Model	AM-40-G
Load	40kg
Working Radius	1900mm
Horizontal Distance (Pallet Specification)	
Coding Height	Fixed type H1 = 2000mm
Coding Speed	≤ 10 pcs/min
Repeat Positioning Accuracy	± 0.05mm
Reference Air Consumption	600 - 800L/min
Communication Method	EtherCAT interface, expansion I/O
IP Rating	IP54
Temperature Range	0 - 50° C
Maximum Power Consumption	6.50 kw
Power Supply	Single - phase 220v/50Hz
Overall Machine Weight	≈ 600Kg
Floor Area	2034 * 1700mm (excluding pallet and roller line)

Note: Codable box size L(100 - 500mm), W(100 - 500mm), H(110 - 500mm).