



AI-100

The AI-100 is a self-contained freestanding incline conveyor. It's designed to accept direct feeds from Amscomatic's Unibagger II, but can be used in numerous situations requiring automated product conveyance. The AI-100 is available in 12" (30 cm) and 18" (46 cm) belt widths, and can be optionally configured to function as a horizontal conveyor. The optional counter stops the AI-100 conveyor upon reaching the set count. Resetting the counter restarts the conveyor.

When combined with the optional counter and AIC-100 Automatic Indexing Conveyor, the AI-100 delivers accurate counts while automatically loading shipping cartons. Upon reaching the set count, the AI-100 counter signals the AIC-100 to index the full carton a programmed distance and delivers an empty carton under the AI-100 for continuous distribution of finished products. The counter then automatically resets to zero and begins a new count sequence.

Amscomatic's AI-100 and AIC-100 are solidly built of heavy-duty steel and premium components for durable, long-lasting performance and smooth, quiet operation. Like all Amscomatic products, they're built with Amscomatic's attention to quality, durability, and design excellence, and are backed by Amscomatic's unsurpassed service and support.

AI-100™

Incline Conveyor

Standard Features

Conveyor Belt

- 12.0" (30 cm) width
- 13.5" (35 cm) between cleats
- Angle of belt at discharge height (Max/Min): 58.0°/28.5°
- Discharge height (Max/Min): 51.5"/45.5" (131/116 cm)
- Cleated belt ensures positive product transfer and accurate counts

Design & Construction

- Adjustable delivery height and angle
- Constructed of heavy-duty steel and premium components
- Heavy-duty casters for easy mobility
- Motorized drive roller for positive traction and long life

Dimensions

- LxW: 85" x 17" (216 x 43 cm)

Electrical Requirements

- 110v, 1 phase, 2.5 amps, 60Hz

Support

- 24-hour hotline

Training

- Access to the M&R/Amscomatic Training Centers

Warranty

- One-year limited

Options & Accessories

AIC-100 Automatic Indexing Conveyor

- Attaches to a counter-equipped AI-100
- Automatically indexes its conveyor a programmed distance each time the AI-100 counter signals that the set count has been reached

Conveyor Belt

- 18" (46 cm) width available

Counter

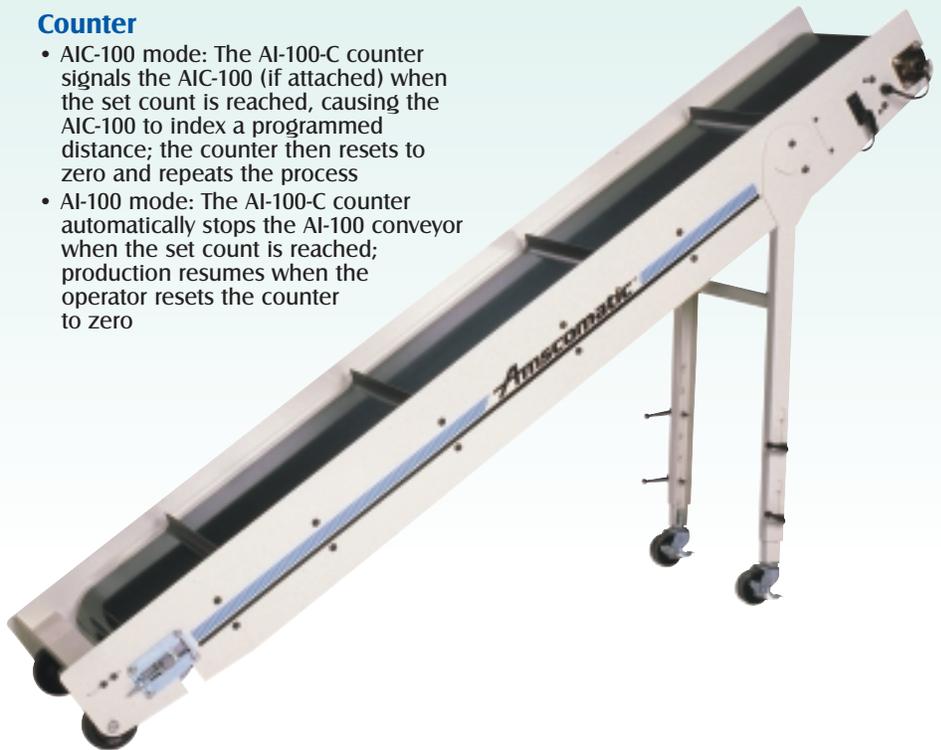
- AIC-100 mode: The AI-100-C counter signals the AIC-100 (if attached) when the set count is reached, causing the AIC-100 to index a programmed distance; the counter then resets to zero and repeats the process
- AI-100 mode: The AI-100-C counter automatically stops the AI-100 conveyor when the set count is reached; production resumes when the operator resets the counter to zero

Design & Construction

- Horizontal configuration provides conveyor heights from 37.5" (95 cm) to 45.5" (116 cm)

Electrical Requirements

- 208/230v, 1 phase, 1.25 amps, 50Hz
- Other configurations available



SPECIFICATIONS

Model	Electrical Requirements*	Dimensions (LxW)	Incline Configuration		Horizontal Configuration		Shipping Weight
			Discharge Height (Max/Min)	Incline Angle at Max/Min Discharge Height	Height (Max/Min)	Belt Speed @ 81 RPM	
AI-100	110, 1 phase 2.5 amps, 60 Hz	85" x 17" (216 x 43 cm)	51.5"/45.5" (131/116 cm)	58.0°/28.5°	45.5"/37.5" (116/95 cm)	94 fpm** 20 mpm***	200 lbs (91 kg)

* If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly

** feet-per-minute

*** meters-per-minute

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