



15D105 SEMI-AUTOMATIC HAND-LOAD CARTONER



Price leader for quality, speed, and quick delivery

The 15D105 is the most popular horizontal cartoning machine offered by ADCO Manufacturing. The 15D105 is based on the model 15D, which established ADCO's reputation in the packaging industry. It is a continuous motion horizontal "hand-load" cartoner with a standard 16' (4.88m) stainless steel frame and a 6' (1.83m) load area that can accommodate up to three operators.

This machine has a narrow 6" (150mm) load table to allow for an independent product supply conveyor to be installed outside the frame. This machine also features an ADCO 2-head rotary carton feeder with a standard 4' (1.22m) horizontal carton hopper for fast changeovers, and increased carton capacity. The hand load 15D105 is USDA listed and is available in optional washdown construction. The 15D105 reliably offers speeds ranging from 25 to 125 cartons per minute.

Closing options consist of pressurized hot melt glue or tuck style closing. Available options include: ADCO deboss date/batch coder, low hopper warning light, and digital readouts for size changes. Special options are available to further extend the standard carton size range.

The unique design concept of the 15D105 allows for easy conversion – in our plant or in the "field" of an additional 2' (610mm) load table section or an automatic loader. The load area addition is available in a 2' (610mm) section, giving a full 8' (2.44m) of hand load area. The auto load conversion kit features a barrel cam inserter with an automatic overload sense and retract system, fully adjustable 6' (1830mm) infeed conveyor and transfer chains, and a 2HP AC variable frequency drive system.



15D105 with optional BC auto load kit

FEATURES / SPECIFICATIONS

15D105 SEMI-AUTOMATIC HAND-LOAD CARTONER

STANDARD FEATURES:

- Left hand load construction
- Continuous motion
- Dual shafts on flight chain drive for quick and easy flight lug adjustments
- 2-head, 8" (200mm) radius rotary carton feeder
- 4' (1.22m) horizontal powered carton hopper
- 6' (1.83m) long hand load table
- Foot switch for carton picking vacuum control
- 16' (4.88m) long, stainless steel main frame
- #2040 non-captured nickel plated flight chains with 12" lug centers
- 1hp variable speed drive system
- Main drive overload protection
- Vertical minor flap tuckers
- Screw adjustments on all overheads
- Scales on all adjustments
- NEMA 12 (IP55) electrical enclosures
- 24vdc control voltage
- Gull wing barrier guarding - electrically interlocked

- Castors for portability and leveling feet
- USDA LISTED

OPTIONS:

- Pressurized hot melt glue closure
- Tablock tuck closure
- Automatic product load via barrel cam inserter with 80" (2.03m) long product infeed conveyor, fully adjustable product and transfer chains, No Product/No Load feature, and 2hp variable frequency drive system
- 15' (4.57m) long product infeed conveyor, extending 6' (1.83m) upstream of machine frame
- Low carton hopper warning light
- Digital readouts on size adjustments
- Additional hand load table - 2' (610mm) section
- ADCO deboss coder
- Group lubrication (cluster)
- Washdown construction
- European Model with CE certification and soft metric construction



Standard 4' (1.22m) horizontal powered carton hopper provides greater capacity and faster size changeovers.



Dual shafts on flight chain drive provide quick and easy flight lug adjustments.



ADCO deboss coder to imprint the date/batch codes on your cartons.

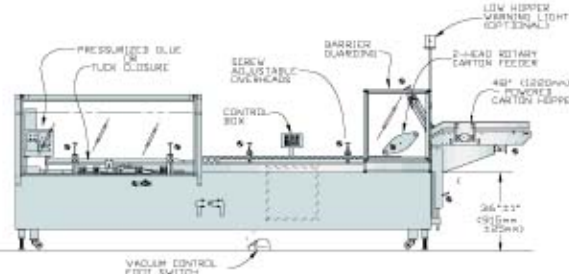
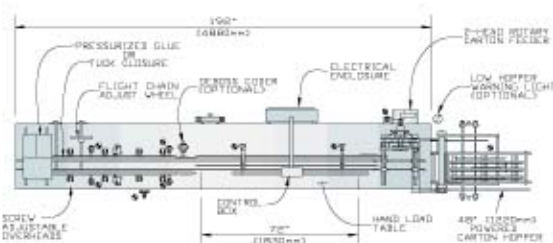
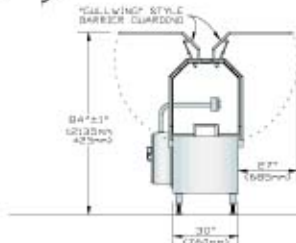
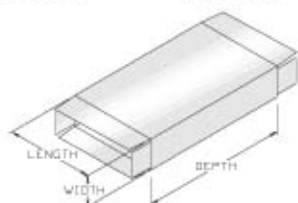


Optional digital readouts on adjustments are used for consistent and faster carton size changeovers.

Features and specifications may differ from model shown.

STANDARD CARTON SIZE RANGE:

	Minimum	Maximum
Length of opening	1" (25mm)	9 1/2" (240mm)
Width of opening	3/4" (20mm)	4" (100mm)
Carton depth	4" (100mm)	12" (300mm)



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