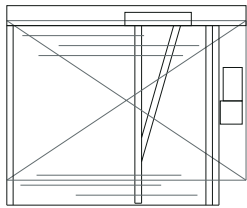


Load Stacking Device (LDS) "Easy Stack"

SPECIAL DUTY DEVICE



PRODUCT DESCRIPTION

The "Easy Stack" is a manually operated self contained, load stacking aid. This device includes fixed and adjustable backstops that create a "stacking corner" for manually stacking bundles into unit loads. The adjustable backstop is mounted to the fixed backstop and is adjustable through the full width of the conveyor. Adjustment of the backstop may be performed by turning a hand crank located on the operator side of the device. The fixed backstop is mounted directly to one end of the conveyor. The conveyor itself is CDLR (2-1/2" dia. rollers on 3" centers), and is driven by an electric gearmotor. The conveyor drive is located behind the adjustable backstop, opposite the operator side of the conveyor, and powers the conveyor at a nominal speed of 45fpm.

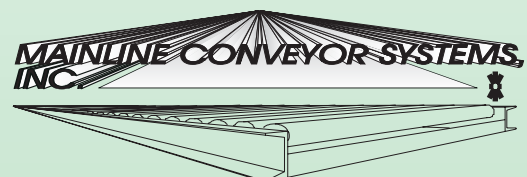
The conveyor and attached backstops are all mounted to a hydraulic scissors lift, that raises the stacking platform from 12" TOR to 48" TOR.

APPLICATION

The "Easy Stack" device is intended for use in load building operations. The included adjustable backstop and lift device, provide an improved ergonomic design over typical floor mounted stacking corners positioned around fixed floor conveyor. In addition, the cost of the unit is significantly less than semiautomatic load formers.

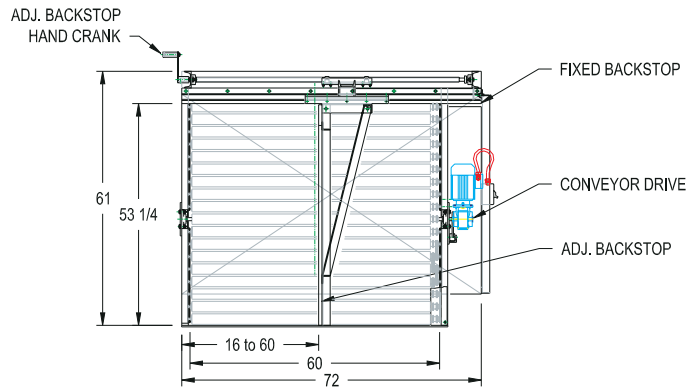
FEATURES

- Self contained unit
- 2500 lbs. load capacity
- 60"W x 4'6"L CDLR conveyor platform
- Floor mounted, no pit required
- 48" vertical travel with 12" TOR discharge height
- Easy operator access to manually adjustable backstop, plus powered option
- Accessible backstop adjustment and conveyor lift promotes ergonomic operation
- Backstops move up and down with load
- Can be field converted between right hand and left hand operation



LOAD STACKING DEVICE (LDS) "EASY STACK"

Dimensions (In.)



GENERAL SPECIFICATIONS

Dimensions	Conveyor (60"W x 4'-6"L); Overall (6'-0"W x 5'-0"L)
Conveyor	CDLR, 2-1/2" dia. rollers on 3" centers, 45fpm
Capacity	Lift (4,000lbs.); Overall (2,500lbs.)
Backstop Dimensions	Fixed (60"W x 60"H); Adjustable (54"W x 60"H)

POWER REQUIREMENTS

Air Supply	Not Required
Electrical Supply	230-460V/3ph/60Hz
Amperage	Lift (2.6Amps(460V) @ full load); Conveyor (1.45Amps(460V) @ full load)
Gearmotors	Lift (1-1/2hp pump); Conveyor (3/4hp @ 45fpm)

CONSTRUCTION

Hydraulic Lift	Heavy duty welded construction
Conveyor	
Frame	Standard Integral weldment (lift out rollers) includes Slideframe (C4x5.4# structural steel channel); Shaft Supports (Formed flat, 3/16" thick x 2-7/8" width); Tie braces (Structural angle welded to lift platform)
Rollers	Standard lift out style rollers mounted in frame on 3" centers Tube (2.5" dia. x 11 gauge galvanized steel); Shaft (5/8" hex retained in roller); Bearings (6205 series precision sealed bearings); Sprockets (2 - 10 tooth #40, 1/2" pitch)
Fixed Backstop	Mounted directly to the conveyor frame, includes: Frame (Welded structural channels and angles); Face (3/4" plywood)
Adjustable Backstop	Slidably mounted to fixed backstop includes: Frame (Welded structural angle construction); Face (3/4" plywood); Guides (UHMW-PE plastic at top and bottom guide rails); Drive (1" Acme screw mounted in commercial flange blocks with hand wheel at operator side)

CONTROL OPTIONS *

Manual Operation	Lift: Foot switch or push button control, with up/dn limits Conveyor: Jog Fwd/Rev push buttons Adj. Backstop (optional): Jog Fwd/Rev push buttons
------------------	---

* Contact Mainline Conveyor Systems, Inc. for additional control or capacity information.



10970 North Holland Drive
 Mooresville, IN 46158
 (317) 831-2795
 FAX (317) 831-2719