Sheet Gripper Device

Systec's Sheet Gripper Device (SGD) is a very simple and effective design that allows deck sheets, or dunnage to be securely held in place while transferring a load across, onto the held sheets.

The feature of Systec's SGD is the wide and angled opening where the deck sheets are placed by the operator. The design lets the operator easily slip single wall, double wall, or multiple sheets into the device. The solid gripper plate, when pneumatically actuated, applies a tremendous force against the sheets assuring a full width, consistent grip.

Typical application for the SGD is at the end of a conveyor line, used in conjunction with a Sheet Pusher Device (SPD), Pusher Transfer Device (PTD), or Pop-up Infeed Device (PID) for load transfer onto the deck sheets. The SGD can also be used within a conveyor line for "straight-through" deck sheet loading and conveying.

As with all Systec conveyor and devices, the SGD components are all welded steel construction, using precision laser cut parts for exact fit and function. This is a "low-maintenance" device applying the most advanced designs and features.

OVERALL CONSTRUCTION

Systec's SGD features precision laser cut parts for gripper plate contact and alignment. The main frame of the SGD is all-welded, steel frame construction for long life.

HEAVY DUTY COMPONENTS

Systec's SGD is built using only the best and heaviest gauge of structural and plate steel, making this device virtually indestructible.

ADJUSTABILITY

Systec's SGD is factory set on adjustments and therefore, no further adjustments should be required after put into service.

SPECIFICATIONS

Device Width	24" to 84" on 1' increments
Device Lengths	2' to 9' on 1' increments
Height	12" T.O.R standard (heights over 12" available)
Load Capacity	3,500 lb/unit
Air Requirement	80 PSI

CONSTRUCTION

Frame	All-welded steel construction
Gripper Plate	3/8" solid steel, hot rolled plate
Pneumatic Lift Actuators	Firestone #1M1A

CONTROL OPTIONS

Automatic	Photosensor detection
Manual	Pushbutton operation
	Foot switch

24" - 84" on 1'-0" increments

6"

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