



LOADER/UNLOADER 160/N





DESCRIPTION

The Loader/Unloader model 160/N has been designed to accept and store rigid or flexible panels received from a line. It can also be used to automatically feed a line. The unit consists of two main parts: the fixed unit and the panel holder trolley. Typical applications are feeding panels to an automatic laminator, an automatic exposure unit or a cover sheet remover, or stacking panels after lamination. The panels are stacked vertically (75°) on the panel holder plate of the panel holder trolley.

ADVANTAGES

- Suitable for innerlayer or rigid panels full range from 0.1–3.2 mm (0.004–0.125 in.) thickness
- Panel sizes up to 762 x 610 mm (30 x 24 in.)
- Movable trolley automatically lifted to the line height
- Completely controlled by PLC operator interface in local language
- Preset for automatic in-line operations easy handshake with other units
- Manual or automatic operation as loader, unloader or conveyor
- Pick-up arm with multiple suction cups, registerable positions and vibration system for innerlayer panels during loading
- Panel thickness detecting sensor
- Movable control panel
- Convenient operator access

Overall Dimensions (trolley included)		Panel Size	
Width	1,060 mm (41.7 in.)	Width (min.–max.)	250–762 mm (9.8–30.0 in.)
Length	1,620 mm (63.8 in.)	Length (min.–max.)	250–610 mm (9.8–24.0 in.)
Height (min.–max.)	1,330–1,530 mm (52.4–60.2 in.)	Thickness (min.–max.)	0.1–3.2 mm (0.004–0.126 in.)
Electrical Requirements		Thickness storage up to 300 mm (11.81 in.)	
Power Type	Single phase; 50/60 Hz + Ground	Conveyor (Adjustment)	
Power Consumption	1.5 KVA	Conveyor Height	850–1,050 mm
Nominal Voltage	230V	(min.–max.)	(33.5–41.3 in.)
Compressed Air			
Air Consumption	7 NI/min./cycle (0.25 CFM)		
Working Pressure	6 kg/cm (85.3 psi)		
Weight			
Gross	558 kg (1,230 lbs.)		
Net	412 kg (908 lbs.)		