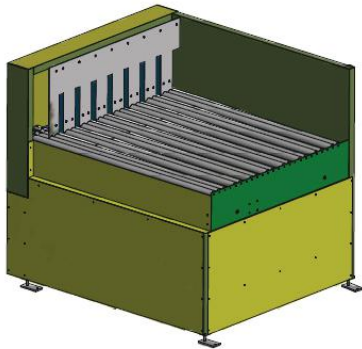


BUNDLE DOUBLER (BD)

LOAD BUNDLE DOUBLER – PUSHER AT 90 DEGREES



OPERATIONAL OVERVIEW

Bundles of cases or diecut sheets, either tied or untied are conveyed via the entry conveyor to a pop up blade stop, as shown below in the photo. The stop squares and readies the bundle for entry to the doubler. The first pack enters the bundle doubler and runs to the back stop. The forks lift the bundle to a set height. The forks action is pneumatic and all other movements by electric motors and gearboxes. The second bundle held at the blade stop then enters the bundle doubler and runs under the raised first bundle to the backstop. The pusher actuates pushing both bundles at 90 degrees where they merge together on the tapered forks. There are various PLC controls which ensure that bundles are entered and released under control to empty zones. The bundle doubler is normally supplied with a desk top panel with processor and PLC controls, with an HMI to allow certain manual operations.

SPECIFICATIONS

| | |
|-----------------|--|
| Product | Tied or untied bundles of corrugated cases or diecut sheets |
| Bundle Max Size | 47.24in width x 47.24in length x 9in high |
| Bundle Min Size | 19.69in width x 19.69in length x 7.87in high |
| Load Weight | Maximum bundle weight 55lbs / Bundle. Unless otherwise specified in quotation |
| Conveyor Speed | Entry conveyor speed and unit 65.6-98.4ft/min. Exit conveyor 45.9-59ft/min |
| Bundle Doubler | Max one bundle per 2-3 seconds from tyer or other machine |
| Top of roller | Adjustable from 35.5in to 43.3in, other if specified in quotation |
| Control system | Allen Bradley (preferred) or Siemens. The unit can be run in automatic or manual mode from an HMI (Human Machine Interface) station. Control system 24V DC |
| Electrical | Normally 400V 3Phase, 50Hz. Others possible on request |
| Air Supply | Clean dry air required at 4bar |