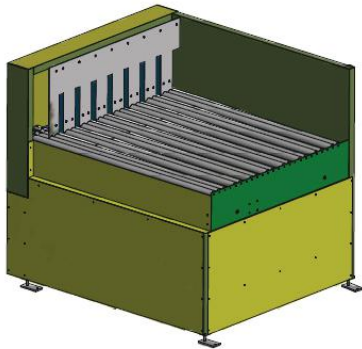


BUNDLE DOUBLER (BD)

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