

# HASSLE-FREE PIPE BUNDLING

Plastics Extrusion Machinery LLC offers complete downstream solutions for PVC pipe manufacturers, including pipe bundling technology. PEM's Unibundler machines bundle finished pipe in tidy groups of five or 10 pieces, creating a reliable and convenient means of preparing pipe for strapping. These machines are easy to adjust and forgiving, allowing for efficient bundling of straight and bent pipes.



PLASTICS EXTRUSION MACHINERY LLC

*The Next Generation in  
Innovative Downstream Equipment*

PPFA  
MEMBER  
PLASTIC PIPE  
AND FITTINGS  
ASSOCIATION



## UNIBUNDLER MACHINES

PEM's Unibundler machines are a highly effective solution to your pipe bundling needs. Available in two different sizes, our B2 and B4 Unibundler machines are proven to be safe, more forgiving with bent pipes, and very simple to adjust.

### QUICK, EASY ADJUSTMENTS

Adjustments on competing pipe bundlers in the industry are often cumbersome. Because of this, many adjustments are never made, resulting in sloppy stacks of pipe that can crossover and misfeed. Our Unibundlers can be quickly adjusted from convenient locations on the machine, so that pipe is stacked and fed through the machine properly.



### FORGIVING DESIGN

Once pipes are stacked into the infeed tray they are pushed through triple-forming mechanisms (*Image A*) that form the pipes into consistent, tight bundles. This ensures that even the most bent pipe is bundled properly as it is fed into a customer-supplied strapper.



*Image A: The triple-forming mechanisms create consistent, tight bundles of pipe.*

Our Unibundlers work effectively with most brands of strapping machines. However, we suggest using one of the following brands for your strapper or stretch-film wrapping machine: Signode®, Strapex®, and Felins®.



*Image B: The outfeed conveyor with dump-out system moves bundles of pipe to your plant's packaging area.*

We go one step further with our Unibundlers by offering an outfeed conveyor (*Image B*) with a robust dump-out system, which moves bundles of pipe to your plant's packaging area.

## STANDARD FEATURES

- Faster bundling capabilities for five and 10-foot, plain-end pipe lengths that are delivered out of the downstream end of a belling machine
- Allen Bradley Micrologix PLC with an Allen Bradley 5.7" color touch-screen operator's interface
- Triple-forming mechanisms for tight, consistent bundles
- Outfeed conveyor and dump-out system
- "Feedforward" loading system for 20% faster bundling of ½" to 1¼" pipe (B2 Unibundler only)

## OPTIONAL FEATURES

- Stainless steel construction at the wet end
- 120-Volt/8-Amp service receptacle for strapper power
- Upgrade to Allen Bradley 10" color touch-screen operator's interface
- Safety system upgrades with safety relay

Model	Pipe Size	Bundling Capability
B2 Unibundler	½" - 2½"	10 pipes - ½" to 1" bundled per machine cycle or
		5 pipes - 1¼" to 2½" bundled per machine cycle
B4 Unibundler	1½" - 4"	5 pipes - 1½" to 2½" bundled per machine cycle (3 on bottom row, 2 on top row)
		3 pipes - 3" to 4" bundled per machine cycle (2 on bottom row, 1 on top row)



PLASTICS EXTRUSION MACHINERY LLC



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## OUR COMMITMENT TO YOU

The PEM that you have once known, is no longer the same. Today, it has new ownership, has hired some of the best minds in the industry, and is looking to a future of new innovations, enhanced products and unmatched quality of service. Bottom line: We have you and your plant in mind! We want to earn your trust by providing you with innovative solutions today and for years to come!