

# SOLVENT WELD BELLERS

Plastics Extrusion Machinery LLC (PEM) is the industry leader in Automatic Pipe Belling Machines and has been manufacturing belling machines since 1980. Versatility, durability, and function along with state-of-the-art technology are why there are so many PEM pipe belling machines in operation today.

## SIMPLE, AUTOMATED BELLING ACTION

PEM's Solvent Weld Belling Machines are designed to minimize the amount of operator interaction required during the belling process. Features include narrow construction for maximum use of available space, quick tool change over, and tool compatibility between different size machines.

## CONSISTENT QUALITY

Heater depth and bell depth positioning are completely automated to ensure consistency and quality of the pipe bell. Adjustments for the pipe size and bell length are set one time, at the beginning of each run. Before the pipe enters the heating station, the chip blower removes remaining chips left from the cutting process to eliminate interference with proper belling, and time-controlled heating ensures the pipe doesn't overheat even if the rest of the line stops. The bell is then set and cooled with water spray so that it does not deform during extraction.

**Narrow  
Construction**

**Quick tool  
change over**

**Tool compatibility  
with multiple size  
machines**

**Multiple  
configurations**

**Controlled Heating**



PLASTICS EXTRUSION MACHINERY LLC

*The Next Generation in  
Innovative Downstream Equipment*

PPFA  
MEMBER  
PLASTIC PIPE  
AND FITTINGS  
ASSOCIATION



## ADDITIONAL FEATURES

- Center Core Heating System
- Extension Table for 40' Pipe
- Standard or Metric Solvent Weld Tools
- Dual Bell Capability
- Automatic Chamfering System
- Reference Ring Marker
- Twin-Line Infeed System
- Stainless Steel Construction in Wetted Areas
- Heater Current Monitoring

## MULTIPLE CONFIGURATIONS

Our Solvent Weld Belling Machines can be configured to accommodate your requirements. Configurations include left-or-right hand operation with upstream or downstream end belling. Two bellers can be used together or dual bellers are available with either same end or alternate end belling. Our engineering team will work with you to ensure your belling machine meets your process requirements.

| Model  | Type                                     | Pipe Size                               |
|--------|--|---|
| SW43   | 3 Heater, Single Beller                  | Standard: 1½" - 4" • Optional: ½" - 1¼" |
| SW46   | 6 Heater, Double Beller                  | Standard: 1½" - 4" • Optional: ½" - 1¼" |
| SW63   | 3 Heater, Single Beller                  | Standard: 1½" - 6" • Optional: 1¼"      |
| SW66   | 6 Heater, Double Beller                  | Standard: 1½" - 6" • Optional: 1¼"      |
| SW83   | 3 Heater, Single Beller                  | 2" - 8"                                 |
| SW12.2 | 2 Heater, Single Beller                  | 4" - 12"                                |
| SW16.2 | 2 Heater, Single Beller                  | 6" - 16"                                |
| CBM156 | Twin Line Infeed Standard, Dual Beller   | ½" - 1¼"                                |
| CBM256 | Twin Line Infeed Standard, Dual Beller   | ½" - 2½"                                |
| CBM259 | Twin Line Infeed Standard, Triple Beller | ½" - 2½"                                |



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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!