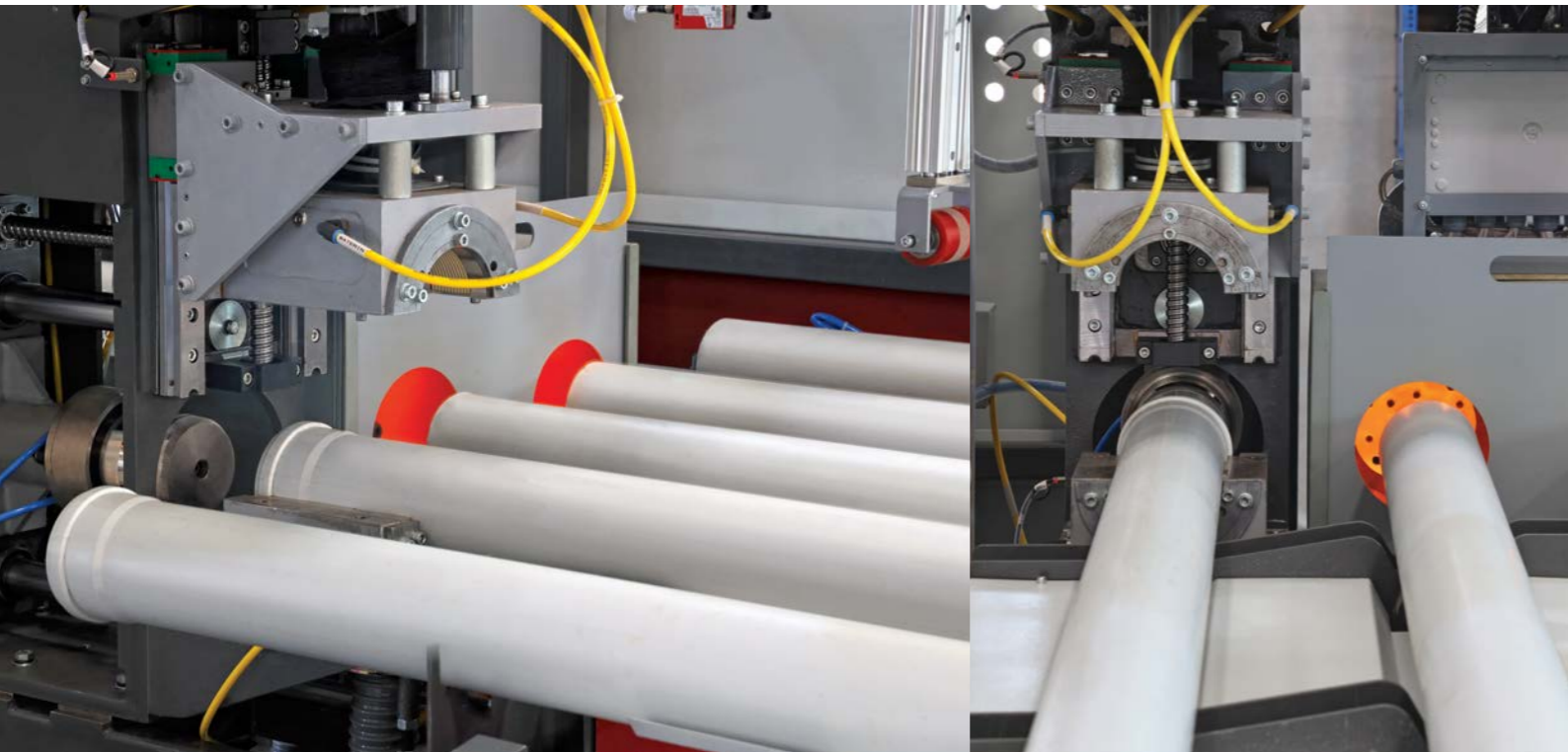


AccuForm Series

Inline Servo Controlled PVC Pipe Belling Machine
 Drainage/Waste/Sewer Applications



Non-Polluting Method of Manufacturing



Features

- Energy efficient machine.
- Reduced maintenance.
- Servo controlled.
- Low noise.
- Elimination of hydraulics and pneumatics.
- Modular design.
- Unique Pipe transfer mechanism.
- In-mould logo embossing.
- Smart fault detection and display system.
- Heater box with integrated infrared thermocouple to ensure uniform heating of the pipe.

Optional Accessories

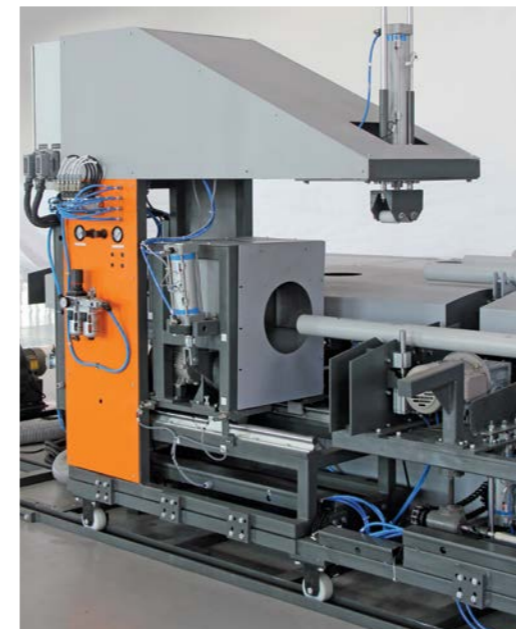
- Real time pipe Weighing System
 - Weight of each pipe presented to Belling Machine is recorded in PLC which could be retrieved for further data analysis to determine variance w.r.t. desired weight bandwidth.
 - System automatically generates audio alarm to forewarn deviations in weight during extrusion process.
- Automatic Chamfering system integrated with belling machine to eliminate line speed constraint of inline planetary cutter cum chamfering machine.
- Automatic Rubber Ring Insertion.
- Automation for pipe handling post belling machine such as conveyor, pay off unit, vertical handling unit & packaging.



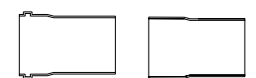
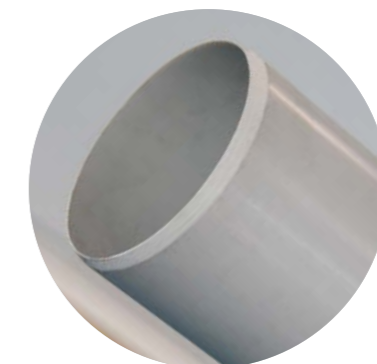
Glue Socket



Waste/Sewer Socket



Automatic Chamfering



AccuForm Servo Series

Model	Pipe Range		Output Per Hour			Connected Load kW	L x W x H mm
	Diameter	Length	Diameter	Wall Thickness	Nos.		
AFS 110 - 1	20 - 110	3000, 6000	75	1.8	130	12.5	8100 x 1700 x 2100
AFS 110 - 2	20 - 110	3000, 6000	75	1.8	200	16.5	8100 x 2000 x 2100

AccuForm Series

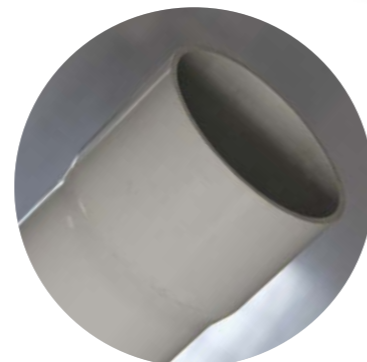
Inline PVC Pipe Belling Machine

Multi Layer Pipes & Pressure Pipes



Features

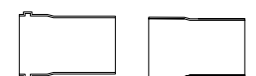
- Energy efficient heater box.
 - a. Glass shortwave IR heaters which are functional only when pipes are presented for heating.
- Servo controlled
 - a. Heater box
 - i. Servo linear motion system ensures repeatability of positioning of the heating oven. Accurate positioning of the heating oven during each cycle ensures that constant heating length is achieved in each cycle.
 - ii. Servo linear motion system offers freedom to change heating length (if required) during auto cycle. Micro adjustment is also possible.
 - iii. Pipe axial position w.r.t. socketing reference is accurately achieved by servo linear motion system.
 - b. Pipe Transfer
 - i. Faster translation of pipe between stations thereby reducing overall cycle times.
 - c. Pipe Rotation
 - i. Unique pipe rotation system ensures uniform heating of pipe inside heater box.
 - d. Forming Station
 - i. SWR Socket formation by mechanical collapsible tool and external die.
 - ii. Socket cooling internally by chilled water and externally by air.
- In-mould logo embossing
- Smart fault detection and display system



Glue Socket



Waste/Sewer Socket



AccuForm Series

Model	Pipe Range		Output Per Hour			Connected Load kW	L x W x H mm
	Diameter	Length	Diameter	Wall Thickness	Nos.		
AF 315 - 1	110 - 400	3000, 6000	110	SN 4	115	33	1100 x 2000 x 2800
AF 315 - 2	110 - 400	3000, 6000	110	SN 4	120	51	1100 x 2650 x 2800