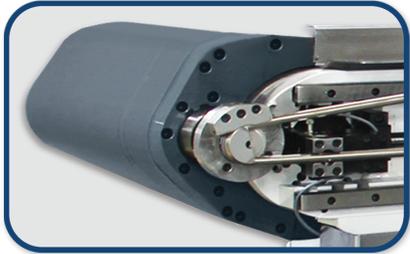


i-P SERIES

Single Piece CNC Wire & Tubing Bender



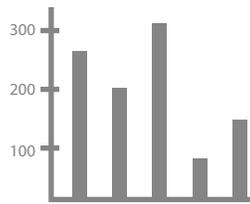
Single bend head version

Single or Dual Bend Head design for precut wire and tube

Easy to program Intellibend software (with integrated simulation)



Pre-formed Parts



High Mix/Low Volume



Heating Elements



Mandrel Bent Loops



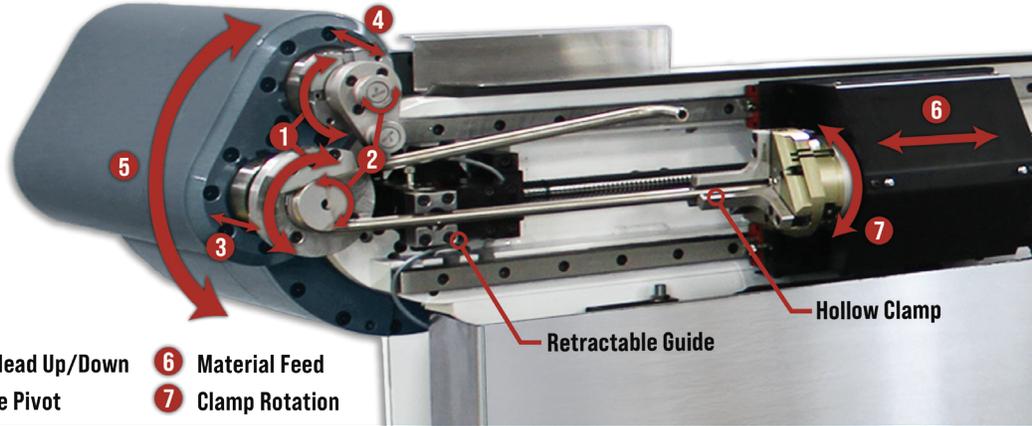
ipautomationinc.com

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400 E Fullerton Avenue, Carol Stream, IL, 60188

The i-S²-P offers a multitude of bending options in a single part format for low volume, high mix production, pre-cut tubing, end forming parts, heating elements and any materials that do not come in coils.

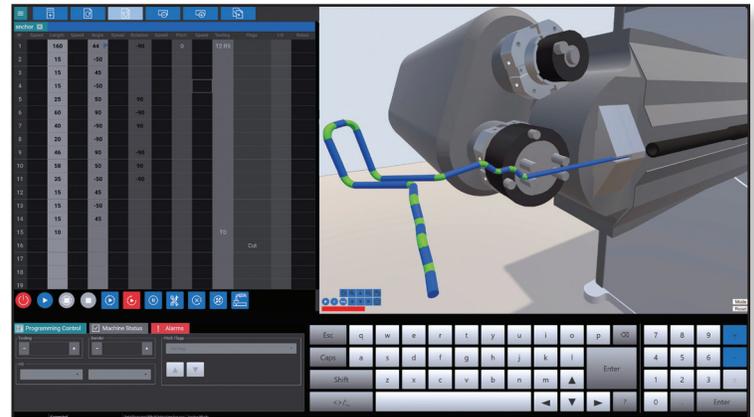


7 Axis Servo Controlled Motions

- 1** Bender Rotation
- 2** Center Tool Rotation
- 3** P1 Bend Head Up/Down
- 4** P2 Bend Head Up/Down
- 5** Head Base Pivot
- 6** Material Feed
- 7** Clamp Rotation

Intellibend Software Features

- 3D simulation with collision detection
- LRA and absolute programming options
- Accel, decel, and off bend acceleration controls
- Integrated batch control and piece counting
- STEP file import
- Automated 2 pin bending
- Fast, secure VPN tunnel for remote support connection
- User level control restrictions
- Smart maintenance notifications based on motion data
- OPC UA functionality for "IIOT" implementation



Bending Features

- Single or dual bend heads
- On demand positioning to either bend head for tool clusters, mandrels, compression bending tools or roll/generated bending tools
- Servo-controlled bend head height allows for multi-layered tooling
- Out-of-sequence bending capability
- Off-plane positioning for tube bending and mandrel style bending

Technical Data

Model	Wire Diameter (Tensile)	Bend Heads	# of Servos	Installed Power kVA
i8-S-P	2.5-8mm (620 MPa ~ 90 KSI)	1	5	8 kVA 460V 3ph
i8-S ² -P	2.5-8mm (620 MPa ~ 90 KSI)	2	7	8 kVA 460V 3ph
i10-S-P	3-10mm (620 MPa ~ 90 KSI)	1	5	8 kVA 460V 3ph
i10-S ² -P	3-10mm (620 MPa ~ 90 KSI)	2	7	8 kVA 460V 3ph
i13-S-P	4-13mm (620 MPa ~ 90 KSI)	1	5	10 kVA 460V 3ph
i13-S ² -P	4-13mm (620 MPa ~ 90 KSI)	2	7	10 kVA 460V 3ph
i16-S-P	4-16mm (620 MPa ~ 90 KSI)	1	5	12 kVA 460V 3ph

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