

# i-SC SERIES

Compact Single Head 3D CNC Wire Bender

## i-SC Series

- Servo electric bending & cutting
- Easy-to-use software
- Fast and reliable
- 6mm & 8mm versions

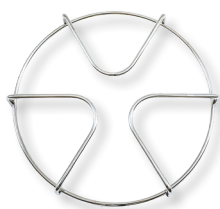
Multi-height bending tool  
customizable to your needs

4 Servo Axis motions

All electric bending and cutting  
for low maintenance

Easy to program Intellibend software  
(with integrated simulation)

All feed & bend drive systems  
have hardened gears and are  
fully enclosed



Appliance Parts



Clips/Hooks



Automotive Parts



POP Display

**IP AUTOMATION INC**

[ipautomationinc.com](http://ipautomationinc.com)

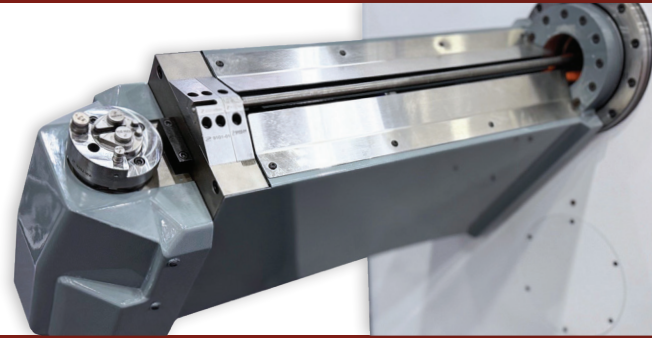
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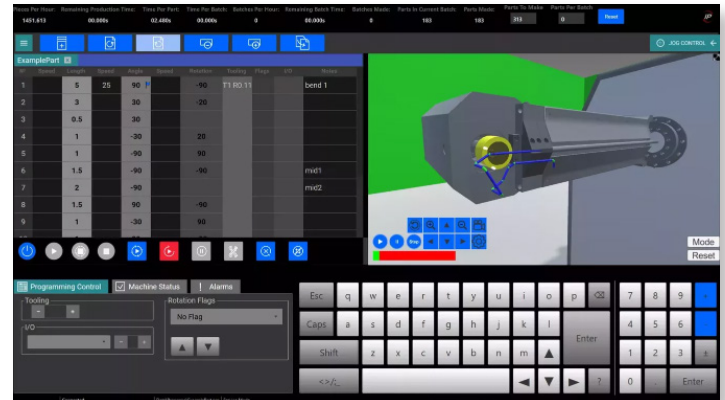
The next generation of compact CNC wire benders

The i-SC series 3D CNC wire bender combines all-electric bending/cutting, robust mechanicals and Intellibend software with 3D simulation.



## Intellibend Software Features

- 3D simulation and collision detection
- Length-Rotation-Angle program format
- Streamlined dashboard with live production metrics
- 18.5" (47cm) Multi-touch screen
- Remote connectivity through secure VPN tunnel
- Seamless robotic integration to bender
- Automated 2 pin bending
- STEP file import
- User access levels
- Intelligent maintenance driven by real-time usage
- OPC-UA protocol for industry 4.0 and IIOT



## Accessories



Intellimate Robot



iBW-45 Butt Welder  
w/ Rotary Swager



Resistance Welder



iFM  
Machining Center



Parts Handling  
Solutions



Air Over Oil Press

## Technical Data

Model	Wire Diameter (Tensile)	Bend Radii	Arm Length	# of Servos	Installed Power	Included Payoff
i6-SC	2-6.35mm (620 N/mm <sup>2</sup> )	up to 8	675mm (26.5")	4	12 kVA 460V 3ph	3000 lbs/3hp
i8-SC	2.5-8mm (620 N/mm <sup>2</sup> )	up to 8	675mm (26.5")	4	12.5 kVA 460V 3ph	3000 lbs/3hp

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