

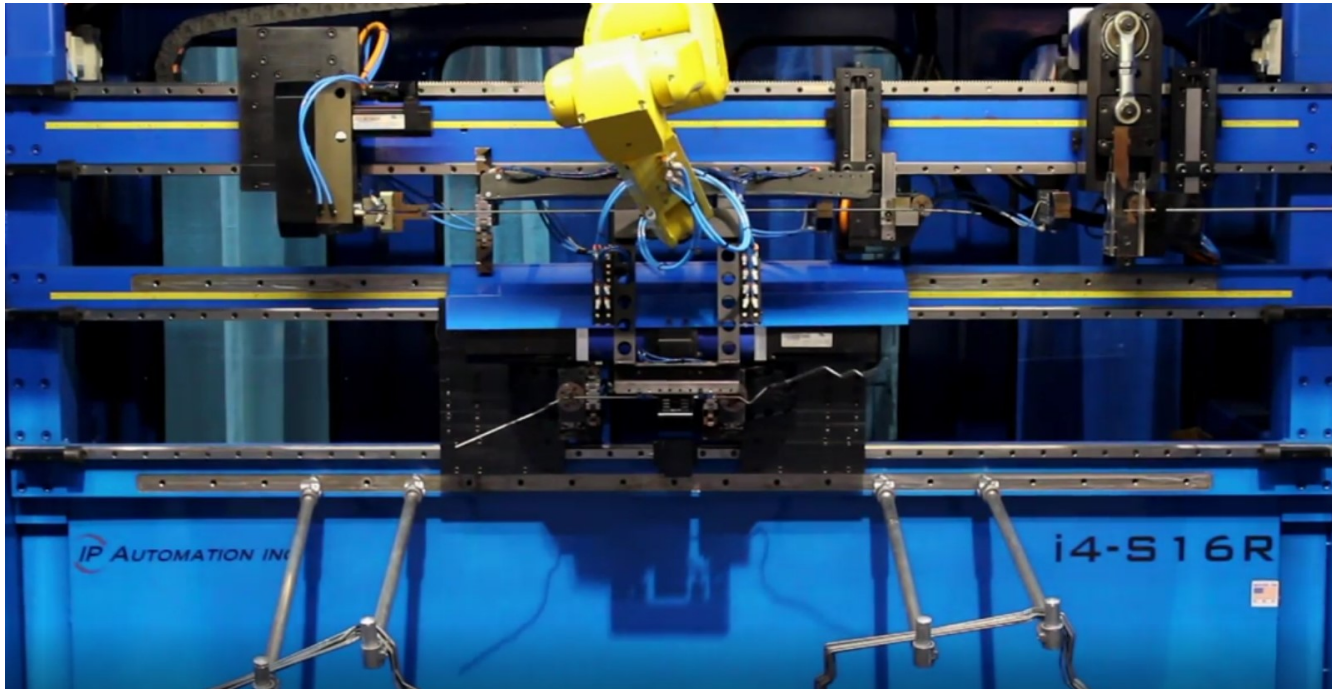
iS-R Series



CNC Multi-Head Bending Machine for the Production of 3-Dimensional wire forms with built in automation capabilities.



iS-R Series



Common Machine Features

- Innovative Machine Concept includes up to 18 servo axes.
- Concurrent part forming of multiple wireforms at a time.
- Full CNC control with robotics for extremely efficient changeover times.
- Upper station can be used with 2 forming heads. Lower forming station can be used as a dual head wire forming machine.
- PC based programming with full featured user friendly programming environment. Program the machine using lengths and angles.
- Rotary straightened or two plane straightening of the wire.



Optional Accessories

- Multi Radius integrated Turret Tool
- Integrated Vision Inspection system
- Many standard and custom accessories available, please contact the factory.

iS-R Series



Software Features

- Full CNC control
- Built in 'IIOT" functionality for easy implementation to your factory information systems,
- Custom I/O functions available
- Full Undo/Redo
- Automatic Save and Backup utilities
- Automatic call and fault recovery with robotics
- Integrated Batch Control
- Fault History
- Systems Diagnostics Manager for easy remote troubleshooting
- Remote Support for Software, free for the

#	Speed	Length	Speed	Angle	Outputs	Flags	Speed	Rotation	Speed	Length	Speed	Angle	Outputs	Flags	No
1	60	989			G2		60			413				ABS Pin Move 5.6, %100	
2									100	-300				Robot Load	
3					T1, G4 ABS Pin Move -3, %100								T0, G1, G3		
4				108				-35							
5					ABS Pin Move -3, %100										
6		50													
7				117			60	55							-40
8		14		-116				1							
9		78		-63				-5							-11
10	50	26													
11					ABS Pin Move -2, %100										
12					ABS Bend -45										
13				56				5							
14					G3										
15					G1										

01

04

05

08

09

12

13

16

Tooling

ABS

GO GU GO GC

Reset All IO

Cut

Clamp Open

Reset All IO

Clamp Close

Model	i4S18R	i6S18R	i8S18R	i10S18R	i13S18R
Wire Ø	1.5-4.0mm	2.0-6.5mm	2.5-8mm	3-10mm	4-13mm
Tensile	620 N/mm ²	620 N/mm ²	620 N/mm ²	620 N/mm ²	620 N/mm ²
Bend Radii	4	4 or 8	4 or 8	4 or 8	4 or 8
Max Wire Length	2300/3300 mm	2300/3300 mm	2300/3300 mm	2300/3300 mm	2300/3300 mm
Robot Reach	900	900	1420	1420	1420
Number of Axes	16	18	18	18	18
Installed Power	33 KVA	40 KVA	48 KVA	55 KVA	57 KVA