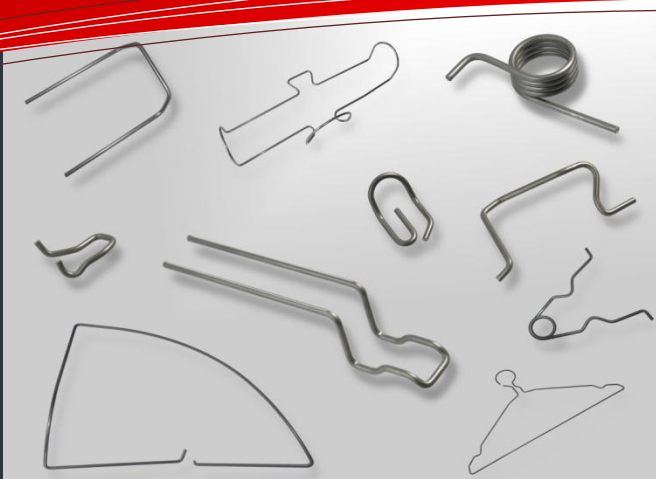
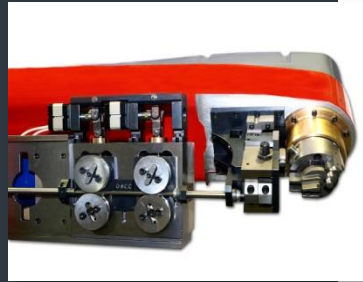


CNC Series

CNC FORMING MACHINE FOR WIRE, STRIP & TUBE



C51F



- **FAST**
- **SIMPLE**
- **RELIABLE**
- **HIGH REPEATABILITY**
- **FEEDER CLOSE TO FORMING AREA**
- **IDEAL FOR GENERATING RADII**
- **NO WIRE ROTATION**

EASY PROGRAMMING 3

- Data entry in mm or inches
 - ✓ X-Y-Z-R mode
 - ✓ Description mode
 - ✓ DXF import mode
- 3D Simulation Diagnostics
- 3 Axis Functions Infinitely Variable In Programming

Technical Data

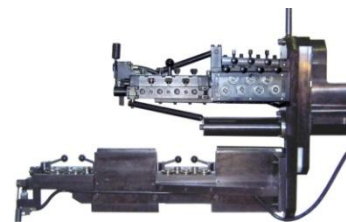
| | |
|--|---------------------------|
| Model | C51F.10 |
| Wire Diameter | 3-10 mm (0.12-0.4 in) |
| Max Wire Tensile (at maximum diameter) | 600 N/mm ² |
| Axis | 4 |
| Forming Radius (on standard mandrel) | 3 |
| Max Flat Frame Side Length | 1100mm (43.3 in) |
| Feeder Axis | |
| Material Feed Length | 0 to infinite |
| Feeder Typical Accuracy | +/- 0.1 mm (+/- 0.004 in) |
| Max Speed | 75 m/min (246 ft/min) |
| Bending Axis | |
| Bend Typical Accuracy | +/- 0.1° |
| Bending Time (90° forming) | 0.3 s |
| Bending Time (180° forming) | 0.5 s |
| Max Bending Angle | +/- 180° |
| Radius Generation | standard |
| Arm Length | 1300 mm (51 in) |
| Z Axis | |
| Z Axis Typical Accuracy | +/- 0.3° |
| Max Z Axis Rotation Angle | +/- 172° |
| Max Z Axis Rotation Speed | 380°/s |
| Radius Change Axis | |
| Positioning speed | 48 m/sec. |
| Max. Stroke | 48 mm |
| Power, Dimensions & Weight | |
| Electric Requirements | 3ph - 400V - 50/60 Hz |
| Total Installed Power | 25 kW |
| Required Power | 8 kW |
| Average Power Consumption* | 4.5 kWh |
| Hydraulic Power Pack | included |
| Length x Width x Height | 3720 x 1700 x 1970 mm |
| Gross Weight (machine only – not for shipping) | 3050 kg |

* consumption measured on average production data.

Accessories



Chamfering unit



Flipper 2/3 pos



Head and Collar Unit



Presses

The machine is shown without safety barriers for display purposes

The Manufacturer reserves the right to alter any information and/or picture provided in this brochure without notice.

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ADVANCED TECHNOLOGY FOR WIRE
AND METAL STRIP PROCESSING