







TECHNICAL DATA

Flexion Modulus	15 cm ³
Maximum Outside Diameter Minimum Outside Diameter	76.2 mm (3" OD) 10 mm (13/32" OD)
Maximum Center Line Radius (CLR) Minimum Center Line Radius (CLR)	254 mm (10" OD) 19 mm (3/4" OD)
Maximum bend angle	190°
Power	5 kW
Nominal hydraulic pressure	150 bar
Number of stored programs	unlimited with USB key
Precision of bend angle	± 0,1°
Bend speed	Variable (25° / sec)
Noise Level	62 dB
Hydraulic Oil Capacity	100 L
Length	4270 mm (3 m) 7270 mm (6 m)
Width	900 mm
Height	1550 mm
Weight	920 Kg (3 m) 1120 Kg (6 m)

FEATURES

- Bending capacity to 3" round tube and multiple profiles
- Ideal for prototype or daily production
- Bend to CLR as small as 1.5D
- Accepts center line bend radius to 10"
- Control offers easy access to manual and auto operating modes, system diagnostics and multiple languages
- USB for unlimited storage of bend programs, material library and job information
- Interactive touch screen displays absolute (ABS) or incremental (INC) positioning with inch or metric readout
- Programmable C axis with manual Y and B positioning
- Variable bending speed to 4 RPM with auto work sensing
- Programmable bend angle 0 to 180°
- Individual material spring back setting for every bend angle
- Programmable mandrel positioning with anticipated mandrel retraction, clamping, pressure die and boost die movements
- Pressure die with auto recapture minimizes distance between bends
- Heavy duty tailstock carriage with hydraulic clamping of work piece
- Tailstock Y and B position display resets to zero after each bend for easy setup while maintaining absolute position
- Bending head adjusts horizontally to maintain centerline radius of former
- Patented finger style clamping system minimizes distance between bends
- Hand-held remote control certified class three safety
- Direct drive electro-mechanical bending axis
- Precision encoders on all axes for greater repeatability
- Heavy one-piece steel structure improves rigidity and minimizes vibration
- Externally mounted gauges for adjustment of system and clamping pressure
- Accepts standard O30 mandrel tooling
- Electrical components UL, CSA and CE approved

MAXIMUM CAPACITY

Max flexural modulus	Steel CE R= 42 kg/mm ²	15 cm ³
 Round tube	Steel CE R= 42 kg/mm ²	76.2 x 3.2 mm
	Steel US R= 52 kg/mm ²	76.2 x 2.8 mm
Gas tube	Steel CE R= 42 kg/mm ²	2" sch 80
	Steel US R= 52 kg/mm ²	2" sch 80
Stainless steel tube	R= 65 kg/mm ²	76.2 x 2.2 mm
Copper aluminium	R= 30 kg/mm ²	76.2 x 5.5 mm
 Square tube	Steel CE R= 42 kg/mm ²	70 x 70 x 3 mm
	Steel US R= 52 kg/mm ²	63.5 x 63.5 x 2.5 mm
 Rect. tube easy way	Steel CE R= 42 kg/mm ²	50 x 70 x 40 mm
	Steel US R= 52 kg/mm ²	50.8 x 76.2 x 2.8 mm
 Rect. tube hard way	Steel CE R= 42 kg/mm ²	70 x 50 x 3 mm
	Steel US R= 52 kg/mm ²	76.2 x 50.8 x 2.2 mm

MAXIMUM CAPACITIES AND MINIMUM RADII ARE INDICATIVE AND NOT BINDING