

## MANDREL TM76 NC3



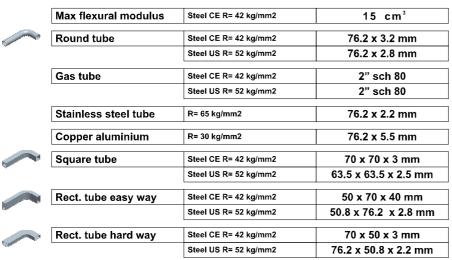
TECHNICAL DATA	
Flexion Modulus	15 cm <sup>3</sup>
Maximum Outside Diameter Minimum Outside Diameter	76.2 mm (3" <i>OD</i> ) 10 mm (13/32" <i>OD</i> )
Maximum Center Line Radius (CLR) Minimum Center Line Radius (CLR)	254 mm (10" <i>OD</i> ) 19 mm (3/4" <i>OD</i> )
Maximum bend angle	190°
Power	5 kW
Nominal 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
- 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
- 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 030 mandrel tooling
- Electrical components UL, CSA and ČE approved

## MAXIMUM CAPACITY



MAXIMUM CAPACITIES AND MINIMUM RADII ARE INDICATIVE AND NOT BINDING