

Tube Benders



TE LARGE Ø

Tube

> Ø20 to 102x3mm at 400N/mm² or Ø.80 to 4x.12" at 58 KSI



 NUMALLIANCE

Revolutionizing CNC Technology for Wire,
Tube and Strip Forming Machinery

Tube Benders

TE LARGE Ø

Tube



Hydroforming



Control 3D



Transfer



Automation

	TE50	TE76	TE80	TE102	Special stabilizer bar TE50 BS	TE50 LR BS
Max Tube Ø	50x2mm at 600N/mm ² 2x.08" at 85 KSI	76x2mm at 400N/mm ² 3x.08" at 58 KSI	80x2mm at 400N/mm ² 3.2x.08" at 58KSI	102x2mm at 600N/mm ² 4x.08" at 85KSI	34x6mm at 600N/mm ² 1.34x .236" at 85 KSI	29x6mm at 600N/mm ² 1.14x .236 at 85KSI
Max Wire Ø					32mm at 600N/mm ² 1.25" at 85 KSI	27,5mm at 600N/mm ² 1.08" at 85 KSI
Tube length	2000 to 6000 mm 79" to 236"	2500 to 6000 mm 98" to 236"	2500 mm 98"	3000 mm 120"	2500 mm 98"	2000 mm 79"
Max bending radius	250 mm 10"	250 mm 10"	300 mm 11.8"	300 mm 11.8"	250 mm 10"	150 mm 6"
Bending Tools	4 stacks Left or right	4 stacks Left or right	5 stacks* Right	3 stacks* Right	4 stacks Left or right	2x3 stacks Left and right

*Optional tool changer

Applications

> Automotive: H.V.A.C., structure/frame parts, exhaust systems, hydroformed parts outlines

Main Features

- > All electric benders
- > Stackable multi-radii
- > Draw bending with and without mandrel and roll bending
- > Fully automated systems for quick tooling change over (Numatube)
- > Bend in bend capable
- > Easy integration in automated production cells
- > Possibility to combine bending with complementary operations

