



TE SMALL Ø

Tube

> Ø3 to 20x2mm at 400N/mm² or Ø.12 to .78x.08" at 58 KSI



Tube Benders

TE SMALL Ø

Tube



Hydroforming



Control 3D



Transfer



Automation

	TE06LR	TE12LR	TE16LR	TE16S	TE20/ TE20LR
Max Tube Ø	6,35x0,75mm at 400N/mm ² .25x .03" at 58 KSI 8x0,75mm at 250N/mm ² .315x .03" at 36 KSI	12,7x2mm at 400N/mm ² .50x .08" at 58 KSI 16x2mm at 250N/mm ² .625x .08" at 36 KSI	16x2mm at 400N/mm ² .625x .08" at 58 KSI 20x2mm at 250N/mm ² .80x .08" at 36 KSI	16x2mm at 400N/mm ² .625x .08" at 58 KSI 20x2mm at 250N/mm ² .80x .08" at 36 KSI	20x2mm at 400N/mm ² or .80x .08" at 58 KSI 16x2mm at 600N/mm ² .625x .08" at 85 KSI
Tube length	1200 to 2500 mm 47" to 98"	1200 to 3000 mm 47" to 118"	1200 to 3000 mm 47" to 118"	800 mm 32"	2000 to 4000 mm 79" to 157"
Max bending radius	25 mm 1"	32mm (or 42mm if 1 stack) 1.25" (or 1.6" if 1 stack)	50mm (or 62mm if 1 stack) 2" (or 2.4" if 1 stack)	62mm 2.4"	62 mm 2.4"
Bending Tools	3 stacks Left and right	4 stacks Left and right	4 stacks Left and right	1 to 3 stacks Left or right	4 stacks Left and/or right

Applications

- > **Automotive: hydraulic and fluid transfer lines, H.V.A.C., EGR tubes**
- > **Air and Space: hydraulic piping « circulation control wing », fuel, structure**

Main Features

- > **All electric benders**
- > **Stackable multi-radii**
- > **Draw bending with and without mandrel**
- > **Patent pending on Left and Right bending**
- > **Orbital bending head (option)**
- > **Easy integration in automated production cells**
- > **Possibility to combine bending with complementary operations**



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