

TUBE BENDING MACHINE

# TE SMALL Ø

FLEXIBLE, MULTI STACK AND QUICK  
TOOLING CHANGEOVER

Ø 3 to 20x2 mm

Ø .12 to .78x.08"



## TUBE BENDING MACHINE

## TE SMALL Ø



3D control



Loading / Unloading



Automation

	TE06LR	TE16LR	TE16S	TE18LR	TE20
Max Tube Ø	6,35x0,75mm at 400N/mm <sup>2</sup> .25x.03" at 58 KSI	16x2mm at 400N/mm <sup>2</sup> .625x.08" at 58 KSI	16x2mm at 400N/mm <sup>2</sup> .625x.08" at 58 KSI	18x2mm at 400N/mm <sup>2</sup> .71x.08" at 58 KSI	20x2mm at 400N/mm <sup>2</sup> .80x.08" at 58 KSI
	8x0,75mm at 250N/mm <sup>2</sup> .315x.03" at 36 KSI	20x2mm at 250N/mm <sup>2</sup> .80x.08" at 36 KSI	20x2mm at 250N/mm <sup>2</sup> .80x.08" at 36 KSI	20x2mm at 250N/mm <sup>2</sup> .80x.08" at 36 KSI	16x2mm at 600N/mm <sup>2</sup> .625x.08" at 85 KSI
Tube length	1200 to 2000mm 47" to 78"	1200 to 3000mm 47" to 118"	800mm 32"	1200 to 3000mm 32"	2000 to 3000mm 79" to 118"
Max bending radius	25 mm 1"	50mm (or 62mm if 1 stack) 2" (or 2.4" if 1 stack)	62 mm 2.4"	50mm (or 62mm if 1 stack) 2" (or 2.4" if 1 stack)	50mm (or 62mm if 1 stack) 2" (or 2.4" if 1 stack)
Bending tools	3 stacks Left and right	4 stacks Left and right	1 to 3 stacks Left or right	4 stacks Left and right	4 stacks Option: Left and/or right



TOUCH & FORM  
by NUMALLIANCE



## APPLICATIONS

- Automotive: hydraulic and fluid transfer lines, H.V.A.C., EGR tubes, tube brake line
- Air and Space: hydraulic piping "circulation control wing", fuel, structure
- Medical, agricultural, household appliances, motorbike,...

## MAIN FEATURES

- All electric benders
- Stackable multi-radii
- Draw bending with and without mandrel
- Patent on left and right bending
- Orbital bending head (option)
- Touch & Form : Industrial grade PC propriety Software
- Easy integration in automated production cells
- Possibility to combine bending with complementary operations

