

TUBE BENDING MACHINE

TE SMALL Ø

FLEXIBLE, MULTI STACK AND QUICK
TOOLING CHANGEOVER

Ø 3 to 20x2 mm
Ø .12 to .78x.08"



DESIGNER AND MANUFACTURER OF YOUR WIRE,
TUBE AND FLAT-STOCK MACHINE



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 ² .25x.03" at 58 KSI | 16x2mm at 400N/mm ² .625x.08" at 58 KSI | 16x2mm at 400N/mm ² .625x.08" at 58 KSI | 18x2mm at 400N/mm ² .71x.08" at 58 KSI | 20x2mm at 400N/mm ² .80x.08" at 58 KSI |
| | 8x0,75mm at 250N/mm ² .315x.03" at 36 KSI | 20x2mm at 250N/mm ² .80x.08" at 36 KSI | 20x2mm at 250N/mm ² .80x.08" at 36 KSI | 20x2mm at 250N/mm ² .80x.08" at 36 KSI | 16x2mm at 600N/mm ² .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 APPLIED



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

