



FLEXI BEND

250•350

FLEXIBILITY AND AUTOMATION

FlexiBend is the line of tube benders created to enhance the characteristics and the dynamics of the LH/RH bending system. Its greatest flexibility is the ability realize any geometric shape combined with extremely compact dimensions.

With **FlexiBend** you have the possibility to create any geometric shape, even starting from coils. This series is perfect for the creation of furnishing elements, lights, heat exchangers, coils and complex shapes and is compatible with any type of material, from copper to stainless steel.

FlexiBend is available with 2 or 3 controlled axes versions and can be loaded using manual single tube or pull from coil automated loading and can be complemented with blade or orbital cutting systems.

MAIN APPLICATION FIELDS

■ HVAC ■ Heat exchanger ■ Aerospace ■ Automotive

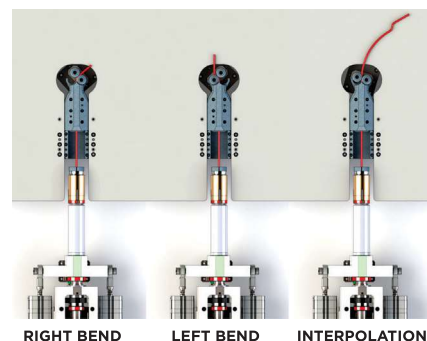
BENDING MACHINE



F.l.e.x.i

250 **350**

Max tube mild steel round tube	mm	25x2	35x2
Max tube stainless steel round tube	mm	20x1	30x1
Max tube metal alloy (Alu-Copper) in collet	mm	35x2	45x3
Max passage bar diameter	mm	28	45
Operating power	V	220/400/480	220/400/480
Operating frequency	Hz	50/60	50/60
Max power	kW	10/15	18/27
Approximative weight	Kg	2500	3000
Bending direction		Sx e Dx	Sx e Dx



RIGHT BEND LEFT BEND INTERPOLATION

MAIN FEATURES

- Sturdy structure in electro-welded carpentry with integrated electrical cabinet.
- Customizable support benches.
- The plant can be loaded from coil and can be equipped with straightening and cutting groups.
- Integrated automatic management of the two bending systems: compression and calendaring.
- Calendaring with boost function.
- System management software (S.T.I.) with a simple, intuitive interface and 3D display of the bended tube.
- 2 or 3 brushless electric axes, controlled by CNC.
- System compliant with CE requirements thanks to safety systems with laser barriers and protections.
- Separate and ergonomic control pulpit with 14"/ 21" multitouch video according to the configuration.
- Remote assistance available.

ADVANTAGES

- Wide range of profiles (round, square and special profiles).
- Multiple bending angles with 2D and 3D geometric shapes.
- Machine suitable for left and right bending with fixed bending radius and variable radius in calendaring on the single bending stack (plane).
- Reduction of straight parts between curves due to the absence of pressure die support performing curves on curves.
- Safety area adjustable according to different bending lengths.
- Driver with regenerative systems with energy savings of up to 40%.

