

PT

Tube benders

AMOB's mandrel-less tube & pipe bending machines are made to cover the needs of those bending large radiuses and thick walls in very small batches. Portability and simplicity combined with quick tool changes allow these machines to be used by any operator, even on a first-time basis.



PT76
Wheel base
Universal tooling bed
Quick toll change



User-friendly controller
PT series machines are equipped with easy-to-operate digital readout controls.



PT127
Universal tooling bed
Quick toll change
Tightning bar



Permutable shaft
The PT series is equipped with permutable shaft for tight radius.

Technical specifications

	PT-42	PT-76	PT-127
Maximum capacity	Ø 42 x 3 mm	Ø 76 x 4 mm	Ø 127 x 3 mm
Y axis accuracy	± 0,5 °	± 0,5 °	± 0,5 °
Maximum Bending Radius	260 mm	300 mm	450 mm
Installed Power	0,750 KW	1,5 KW	5,5 KW

All data of the machines is not binding and may be subject to change without notice. Pictures are for demonstration purpose only.

Software

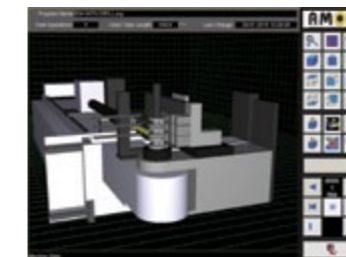
Tube bending software

AMOB 3D BENDING SOFTWARE is at the cutting-edge of tube bending applications. Extremely easy to operate, it allows direct programming using coordinates or LRA, as well as importing CAD files. Amongst other features it boasts automatic spring-back compensation, stores tooling configuration and geometry, and features anti-collision properties for component feasibility, without prototyping or wasting material. Thanks to its intuitive software design, which utilises a stepping program, it's very easy to use - an ideal choice for both junior or senior operators.



- AMOBCNC**
- 3D display of tube development
 - Simultaneous axis movements (reduced cycle time)
 - Tube length computing
 - Continuous machine monitoring
 - Anti-collision tests software as standard feature
 - Detailed tool display
 - Clear machine display
 - Data insert (XYZ and LRA)
 - ...

AMOB Software is compatible with a wide variety of CAD softwares (Autocad, Inventor, Solid Works, Nupas Cadmatic, Tribon, etc) and is able to automatically download most used extensions such as .Step, .Dxf and .Bkt files.



Anti-collision



Tooling storage



Online diagnosis



XYZ and LRA programming

AMOBAPP

AMOBAPP is the ultimate aid for AMOB machines users in day-to-day operations. By simply entering tube OD, wall thickness, material and CLR, you will receive a visual representation of what's required to perform the perfect bend. The tool archive allows management of pre-existing tooling and adjustment details. Main features: tool setup and archive, tool notes and adjustments, coordinate converter (XYZ - LRA), bending guide, metric and imperial settings.



Tube data



Tool setup



Mandrel setup



Bend guide

