

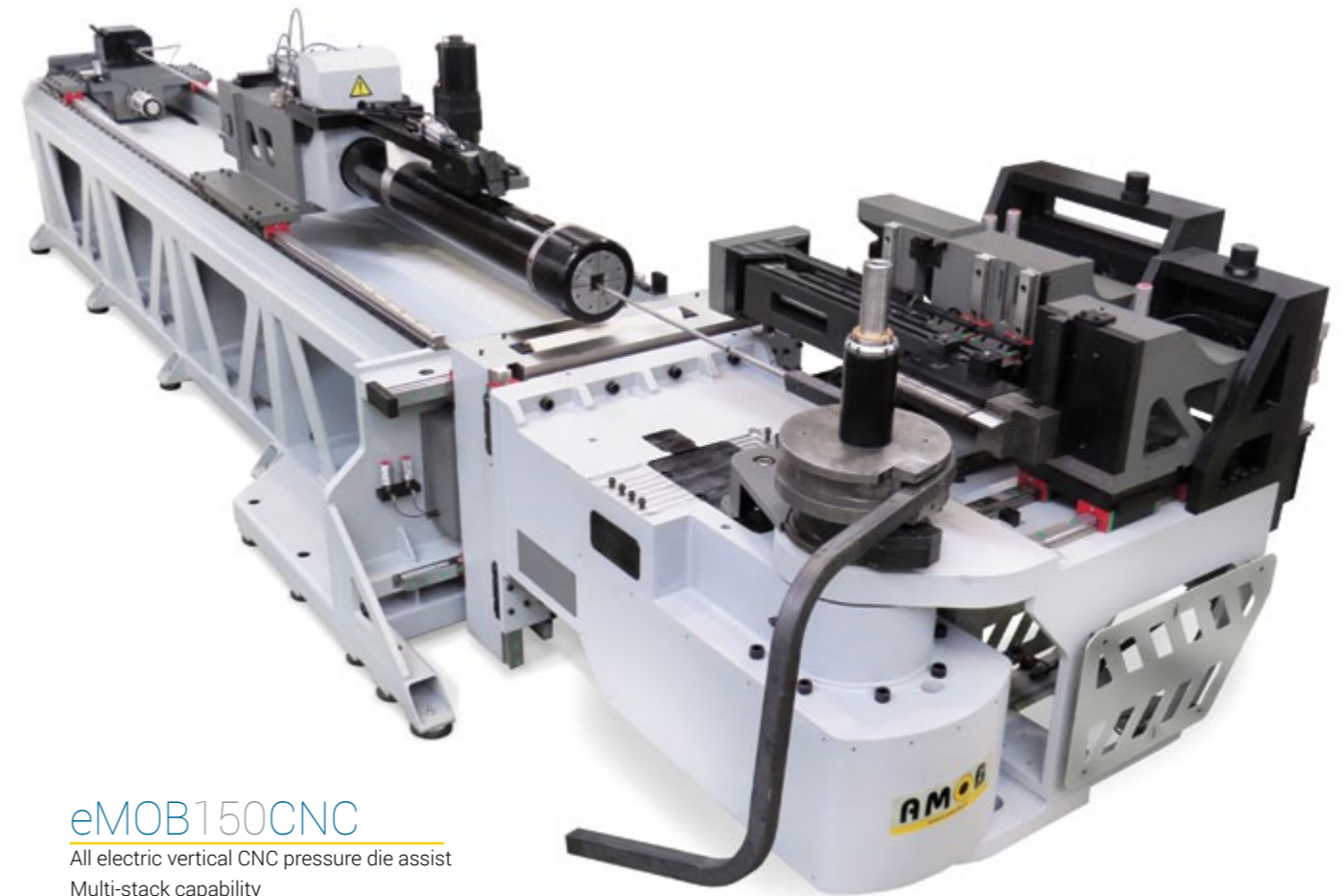
eMOB

Fully electric CNC tube bending machines



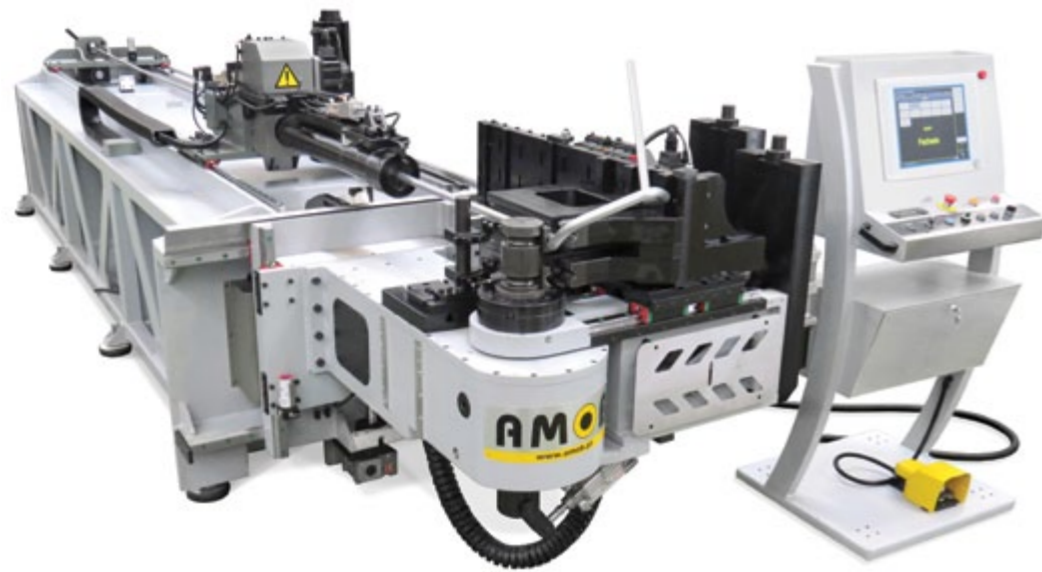
The AMOB all-electric CNC **eMOB series** features state-of-the-art bending technology. Processing tube from **40mm** up to **150mm** OD, these machines have multi-stack capability. They can bend fixed and variable radiuses within the same cycle and allow bending with no straight between them. A carriage booster allows bends with radiuses as tight as 1D and eliminates clamping marks. Welding detection, punching/cutting mechanisms and integrated loading/unloading systems are also available.

eMOB series machines are all equipped with the newly updated user-friendly AMOB 3D SOFTWARE. Amongst other features it allows automatic spring-back compensation as well as correction "in cycle", stores tooling configuration and positions, runs anti-collision and interpolates all **9 axis**. This shortens setting up and cycle times, eliminating waste and testing periods during the tooling changeover process. Ideal for those working with premium materials, where any error is critical.



eMOB150CNC

All electric vertical CNC pressure die assist
Multi-stack capability
Tangent boost



eMOB52CNC

Automatic spring-back correction
Fixed and variable radius
Welding detection



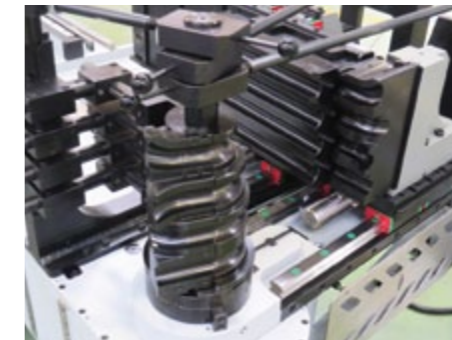
eMOB80CNC

All electric CNC pressure die assist
AMOB 3d software
Punching unit



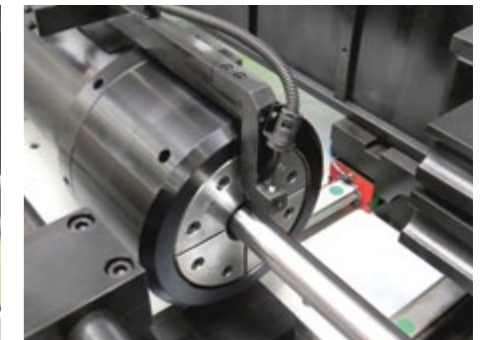
Punching unit

On request, a punching unit can be added to the eMOB series.



Multi-stack capability

All eMOB models have multi-stack, fix and variable radius capability.



Welding detection

There's also the option to add welding detection unit.

Technical specifications

	eMOB-42	eMOB-52	eMOB-63	eMOB-80	eMOB-100	eMOB-130	eMOB-150
Maximum capacity	Ø42x2 mm	Ø52x2 mm	Ø63x2 mm	Ø80x2 mm	Ø100x2 mm	Ø130x2 mm	Ø150x3 mm
Controlled Axes	9	9	9	10	10	10	10
X axis accuracy	± 0,05 mm	± 0,05 mm	± 0,05 mm	± 0,05 mm	± 0,05 mm	± 0,05 mm	± 0,05 mm
Y axis accuracy	± 0,05 °	± 0,05 °	± 0,05 °	± 0,05 °	± 0,05 °	± 0,05 °	± 0,05 °
Z axis accuracy	± 0,05 °	± 0,05 °	± 0,05 °	± 0,05 °	± 0,05 °	± 0,05 °	± 0,05 °
Max. Bending Radius	240 mm	230 mm	350 mm	400 mm	400 mm	400 mm	400 mm

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