

## ABOUT US

AMOB S.A. provides one of the biggest ranges of specialised equipment for the tube and pipe bending industry worldwide.

Founded in 1960 by António Martins Oliveira Barros (AMOB) and followed now by his son Manuel Barros and by their grandchildren Inês Barros and Manuel António Barros, we have progressively become the world's leading manufacturer of metalworking technologies.

We serve the global market with exceptional machinery and tooling for tube and pipe bending, section bending and swaging purposes – ranging from simple, manual appliances to complex, fully electric CNC powered systems. AMOB designs, develops, retails and services a variety of products for a range of leading industries including automobile and shipping, aeronautics and construction amongst others.

## MANUFACTURING

AMOB has a proud history of manufacturing in Portugal, employing over 140 staff members at our main plant in Porto. Our recently-renewed headquarters covers 18000m<sup>2</sup>, and is equipped with the highest technological production equipment including CNC machining centres, lathes and milling machines, as well as sheet metal cutting and bending machinery for guaranteed high fabrication standards. Elsewhere, AMOB has commercial facilities in Russia, Brazil, Spain, Benelux, France and a worldwide network of over 70 agencies and technical centers – providing customer support wherever you are!



## TECHNICAL

Our products are designed in our technical department by a team of highly-skilled engineers - we offer competitive solutions without compromising on quality.

Over the years, AMOB has grown with our customers' requirements and the market demand. We're just as passionate about growing and developing our products as we are about our client relationships.



We thank you for choosing AMOB!



## Head quarters

### AMOB Portugal

Rua Padre Domingos J. Pereira 1249  
4760 – 563 Louro - V.N. Famalicão  
Portugal  
Telf. 00 351 252 330 900  
amob@amob.pt  
www.amobgroup.com

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# tube end forming machines



# AMOB

# MB

## Tube end forming machines

Our end forming machines can manipulate up to 150mm OD tube and cover a wide range of diameters and applications. With one to three station end forming machines, along with the ability to integrate additional punching stations, AMOB can cater for any application with our in-house custom design and manufacturing abilities. With a small compact operating area, these machines can be easily integrated within an automatic production cell. These fully hydraulic machines enable consistency, reliability and fast production cycle times, and can be easily attached to a wide range of systems.



### MB60/3

Three automatic forming heads  
Independent punching unit  
Fully hydraulic clamp  
Two independent work stations



### MB60D

Twin automatic forming heads  
Automatic flip stop  
Automatic lubrication

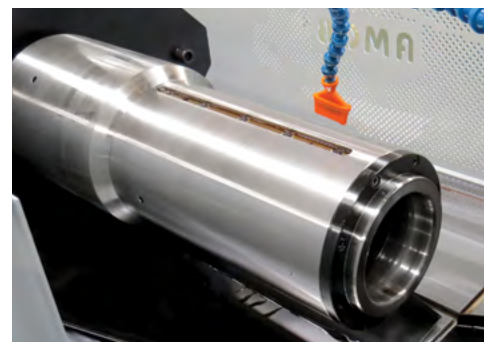
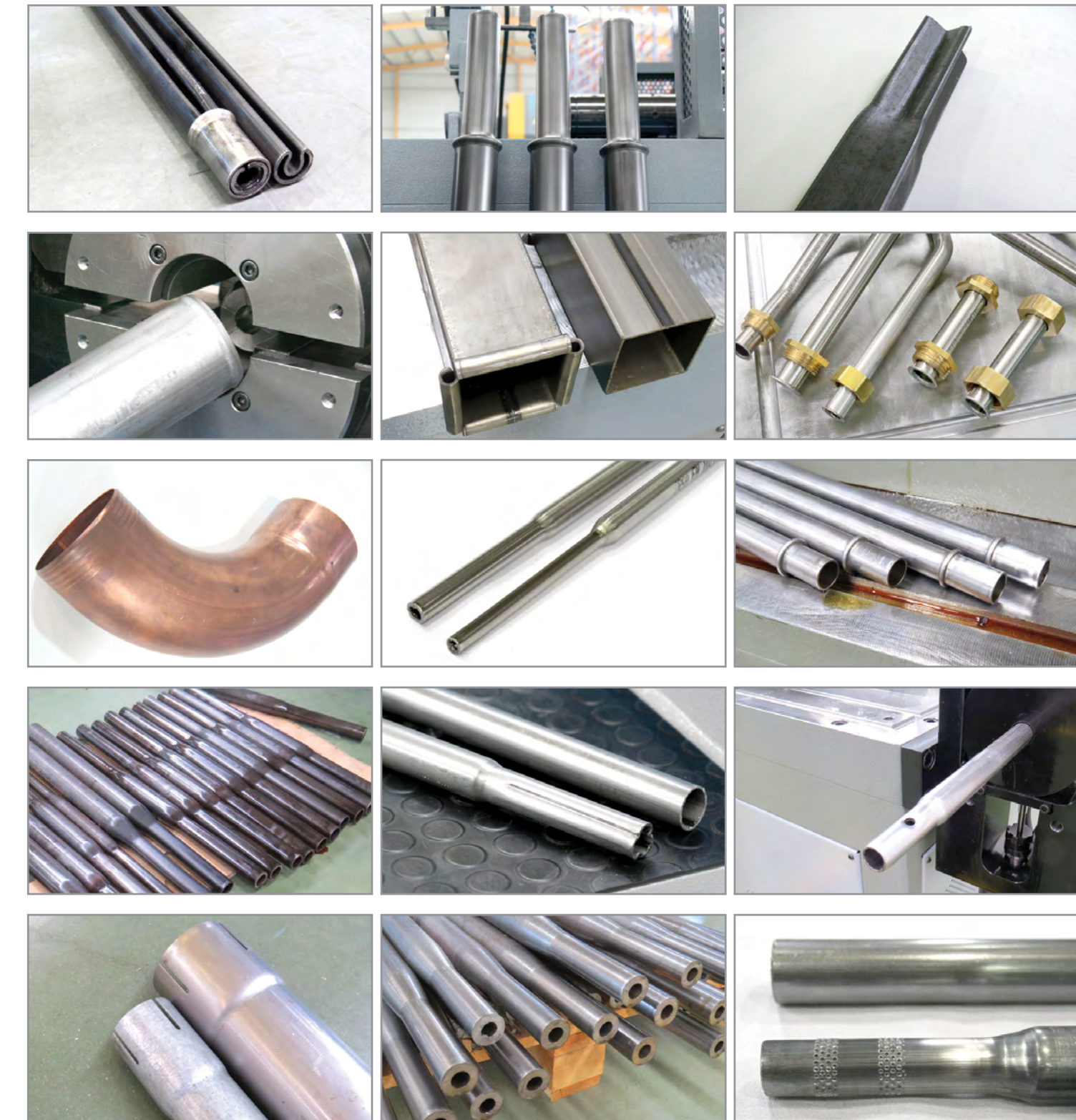
### MB150/1

One automatic forming head  
Automatic lubrication  
Fully hydraulic clamp



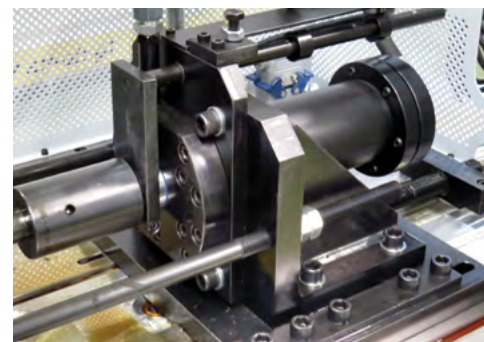
### MB150/3

Three automatic forming heads  
Automatic lubrication  
Fully hydraulic clamp



#### Automatic lubrication

To increase tooling lifetime and quality of the finished parts, automatic lubrication can be installed.



#### 3D forming head adjustment

In all our MB models all forming stations are adjustable in X, Y and Z axis.



#### Quick tool changing

Quick change clamps and forming heads, tooling changeover and setup is simple, easy and effortless.

### Technical specifications

	MB30	MB60	MB100	MB150	MB200	MB250
Maximum capacity	Ø30x3 mm	Ø60x4 mm	Ø100x5 mm	Ø150x6 mm	Ø200x6 mm	Ø250x6 mm
Forming stroke (max)	168 mm	170 mm	215 mm	240 mm	240 mm	250 mm
Forming stations	up to 3	up to 3	up to 3	up to 3	up to 3	up to 3
Working pressure	165 bar	180 bar	180 bar	200 bar	200 bar	200 bar
Installed power	4 kw	7.5 kw	7.5 kw	11kw	22 kw	30 kw

Stated capacity for 450 N/mm<sup>2</sup> yield point steel. All data of the machines is not binding and may be subject to change without notice. Pictures are for demonstration purpose only.