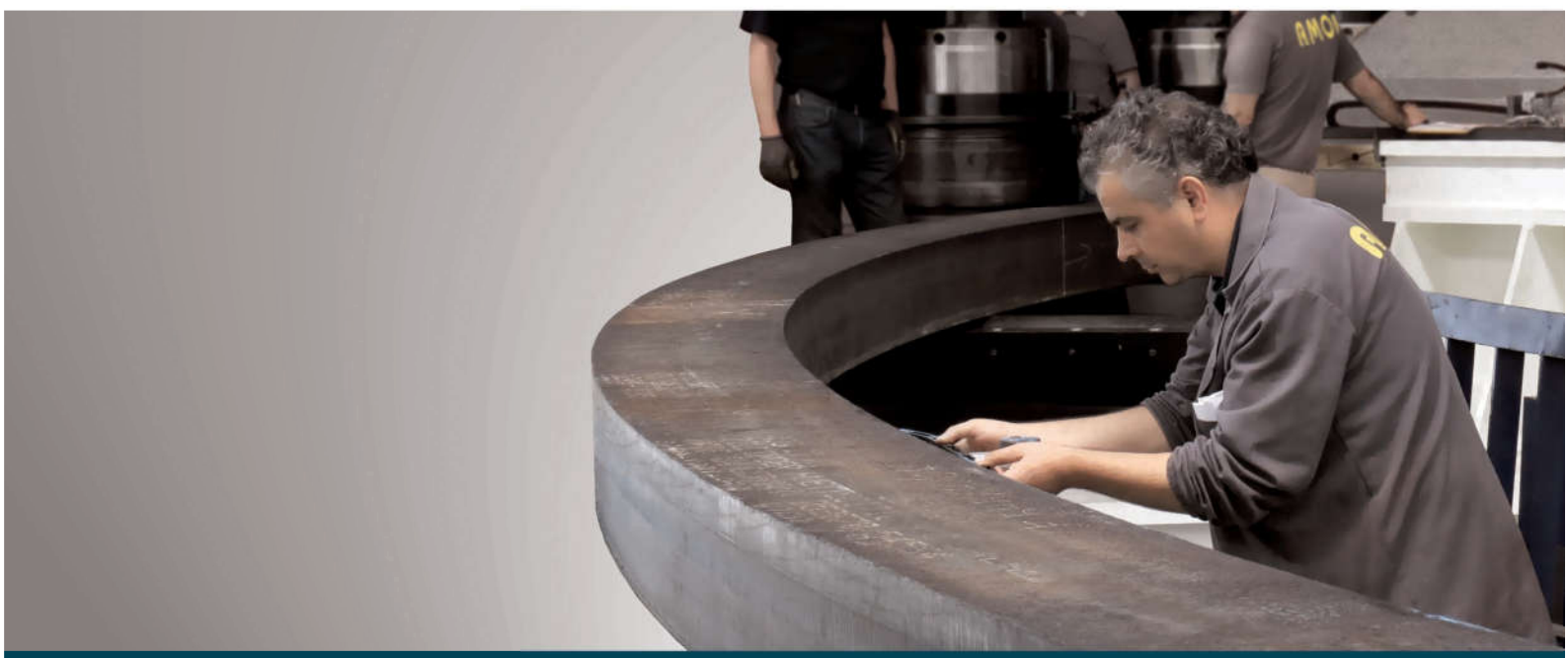


section bending machines



AMOB

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 by his two sons Luis and Manuel, 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 industrial 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 18000m², 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!

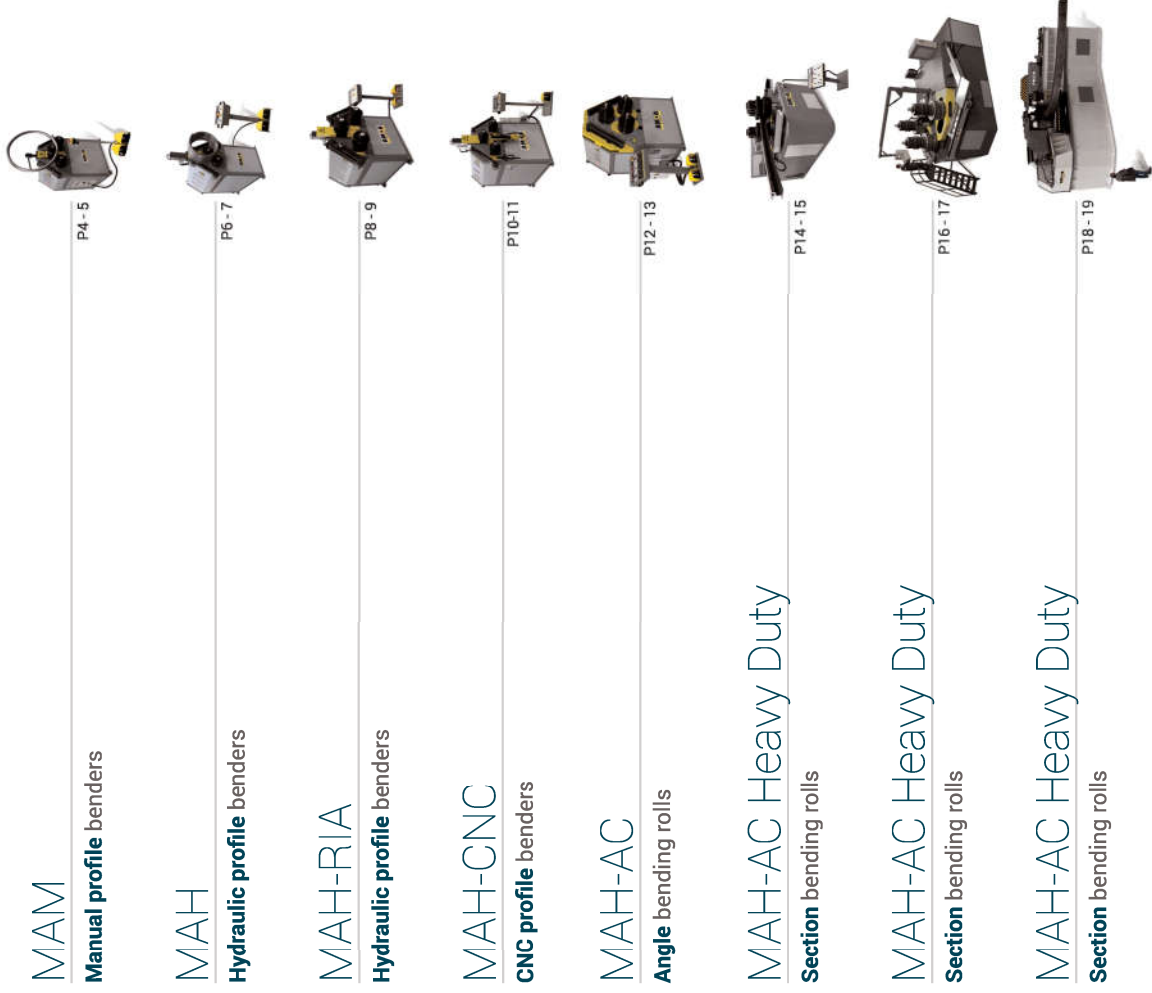


TECHNICAL

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!



AMOB's MAM series of manual top roll profile bending machines are an entry level to the biggest range of section benders in the world. They are extremely user-friendly and the most economical way of roll bending a wide variety of different profiles. The top roll position is manually adjusted with a linear scale for repeatability. There are also locking nuts to secure the top roll position to ensure repeatability in single pass production runs. The MAM series features both two and three driven rolls to suit every application - the three driven roll machines suit tighter radiuses and minimise material marking. The MAM series' simplicity and reliability ensures that anyone from apprentices through to experienced workers will easily maximise the capabilities of these machines. Both horizontal and vertical working positions ensure that even in the smallest work spaces an MAM series profile bender will have its place. The MAM series is a great, cost-effective way to get into the profile bending market.



MAM45/2
Two driven rolls
Standard rolls
Double-speed motor



MAM50/2
Two driven rolls
Standard rolls
Double-speed motor



MAM45/2 - MAM50/2 Standard specification

- Two driven rolls
 - Standard rolls
 - Lateral guide rolls
 - Double speed motors
 - Horizontal & vertical working position
 - Foot pedal with safety device
- Option specification**
- Special rolls for profile/tubes
 - Angle bending guide rolls

MAM40/3

- Standard specification**
- Three driven rolls
 - Standard rolls
 - Lateral guide rolls
 - Horizontal & vertical working position
 - Foot pedal with safety device
- Option specification**
- Special rolls for profile/tubes
 - Angle bending guide rolls



MAM40/3
Three driven rolls
Standard rolls
Lateral guide rolls

	MAM45/2 MAM50/2	MAM50/2 MAM40/3	MAM40/3 MAM45/2
1	50x10.0800	50x10.0900	60x10.0800
2	80x15.0700	80x15.0700	80x15.0600
3	35x35.01400	35x35.01000	35x35.0800
4	Ø30.0700	Ø35.0900	Ø35.0700
5	Ø50x2.0800	Ø50x2.01100	Ø60x2.01000
6	Ø33.7x2.6.0900	Ø48.3x2.9.01000	Ø60.3x2.9.01000
7	50x30x3	50x40x3	50x30x3
8	40x40x3	40x40x3	45x45x3
9	40x40x5.0400	50x50x5.0800	50x50x5.0500
10	40x40x5.0500	50x50x5.0950	50x50x5.0700
11	50x5.0800	50x5.0700	60x5.0700
12	50x5.0950	50x5.0900	60x5.0900
13	50x5.0950	50x5.0900	60x5.0900
14	UPN 50.0400	UPN 60.0900	UPN 60.0800
15	UPN 60.0500	UPN 60.01300	UPN 60.01200
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-

Technical specifications

Section mod. <small>(mm²)</small>	10	16	16
Power	1,1kW - 1,5hp	1,1kW - 1,5hp	2,2kW - 3hp
RPM	10,6/21,2	13,6/27,2	12
Tool Ø <small>(mm)</small>	149-79/118-59	146/98	145/98
Shaft Ø <small>(mm)</small>	30/30	50/50	45/45
Weight	250	290	450
Dimensions <small>(mm)</small>	660x760x1420	950x730x1420	1220x640x1440

- Standard rolls
 - One set of rolls is required for each tube OD
 - Special rolls for thin wall profiles
 - Special rolls
- Data achieved using special tooling - 2400mm² yield point steel and several bending operations. All data of the machines is not binding and may be subject to change without notice. Pictures are for demonstrative purpose only.

AMOB's MAH series of hydraulic top roll profile bending machines are the backbone of the biggest selection of roll benders in the world. Extremely user-friendly, again they are completely accessible for apprentices and experienced operatives alike. The top roll position is displayed on the DRO, based within the free standing operator control unit. The MAH series is perfect for those applications that require multiple passes, where repeatability is key. Available in two and three driven roll these machines can cater for the largest range of profiles in the market place. The three driven roll machines suit tighter radiuses and minimise material marking. Both horizontal and vertical working positions ensure that even in the smallest work spaces an MAH series profile bender will have its place. The MAH series is a perfect compromise between capacity, repeatability, ease of use and reduction in production cycle times.



MAH50/2

Standard specification

- Two driven rolls
 - Standard rolls
 - Lateral guide rolls
 - Double speed motors
 - Horizontal & vertical working position
 - Top roll programmable digital read-out
 - Foot pedal with safety device
- Option specification**
- Special rolls for profile/tubes
 - Angle bending guide rolls

MAH40/3 - MAH60/3

Standard specification

- Three driven rolls
 - Standard rolls
 - Lateral guide rolls
 - Horizontal & vertical working position
 - Top roll programmable digital read-out
 - Foot pedal with safety device
- Option specification**
- Digital length measurement system
 - Special rolls for profile/tubes
 - Angle bending guide rolls

MAH50/2

Top roll programmable digital read-out
Two driven rolls
Double speed motor



MAH40/3

Top roll programmable digital read-out
Three driven rolls
Standard rolls



MAH60/3

Top roll programmable digital read-out
Three driven rolls
Standard rolls



	MAH50/2 1140mm max length	MAH40/3 1140mm max length	MAH60/3 1140mm max length
1	60x10 Ø900	60x10 Ø900	70x12 Ø1800
2	80x15 Ø700	80x15 Ø600	70x20 Ø1000
3	35x35 Ø1000	35x35 Ø800	45x45 Ø1000
4	Ø35 Ø900	Ø35 Ø700	Ø45 Ø1000
5	Ø60x2 Ø1100	Ø60x2 Ø1000	Ø70x3 Ø3000
6	Ø48,3x2,9 Ø1000	Ø60,3x2,9 Ø1000	Ø76,1x3,2 Ø2500
7	50x40x3	60x30x3	70x30x3
8	40x40x3	45x45x3	50x50x3
9	50x50x5 Ø800	50x50x5 Ø600	50x50x5 Ø700
10	50x50x5 Ø950	50x50x5 Ø700	50x50x5 Ø700
11	50x5 Ø700	60x5 Ø700	70x5 Ø700
12	50x5 Ø900	60x5 Ø900	70x5 Ø900
13	50x5 Ø900	60x5 Ø900	70x5 Ø900
14	UPN 60 Ø900	UPN 60 Ø800	UPN 80 Ø1200
15	UPN 60 Ø1300	UPN 60 Ø1200	UPN 80 Ø1200
16			
17			
18			
19			
20			

Technical specifications

Section mod. <small>(mm)</small>	16	16	20
Power	2,6kW - 3,5hp	3,7kW - 5hp	5,5kW - 7hp
RPM	13,6/27,2	12	11
Tool Ø <small>(mm)</small>	146/98	146/98	170/108
Shaft Ø <small>(mm)</small>	50/50	45/45	55/55
Weight <small>(kg)</small>	330	490	600
Dimensions <small>(mm)</small>	940x750x1400	1200x770x1400	1300x890x1550

- Standard rolls
- One set of rolls is required for each tube OD
- Special rolls for thin wall profiles
- Special rolls

Data achieved using special tooling. 2400mm max yield point steel and several bending operations. All data of the machines is not binding and may be subject to change without notice. Pictures are for demonstrative purpose only.

MAH-RIA

Hydraulic profile benders



AMOB's MAH-RIA series of hydraulic top roll profile bending machines with adjustable bottom rolls are the next step up. The adjustable bottom rolls allow both a tight radius with reduced capacity and a large radius with increased capacity – the best of both worlds. Plus, by adjusting the position of the bottom rolls you can reduce deformation along with reduced flats, and therefore waste. These additional features remain extremely user-friendly, and we'd recommend these machines for use by both apprentices and experienced operatives alike. The top roll position is displayed on the DRO, based within the free standing operator control unit. The MAH series is perfect for those applications that require multiple passes, where repeatability is key. Available in three driven rolls, these machines can cater for the largest range of profiles in the market place - again, the three driven roll machines suit tighter radiuses and minimise material marking. Both horizontal and vertical working positions ensure that even in the smallest work spaces an MAH-RIA series profile bender will have its place. The MAH-RIA series is the perfect compromise between capacity, repeatability, ease of use and reduction in production cycle times.

MAH150/3RIA
 Top roll programmable digital read-out
 Digital lengths measuring system
 Adjustment of lower rolls
 Angle bending guide rolls

MAH80/3RIA
 Top roll programmable digital read-out
 Digital lengths measuring system
 Adjustment of lower rolls



MAH80/3 - MAH150/3

Standard specification

- Three driven rolls
 - Standard rolls
 - Lateral guide rolls
 - Horizontal & vertical working position
 - Top roll programmable digital read-out
 - Digital length measurement system
 - Adjustment of lower rolls
 - Foot pedal with safety device
- ### Option specification
- Special rolls for profile/tubes
 - Angle bending guide rolls

	MAH80/3RIA	MAH120/3RIA	MAH150/3RIA
1	80x12, Ø2000	100x20, Ø2000	120x20, Ø1600
2	100x20, Ø1000	120x30, Ø1100	160x40, Ø1200
3	50x60, Ø1000	55x65, Ø1100	65x65, Ø1500
4	Ø60, Ø800	Ø65, Ø1100	Ø70, Ø1500
5	Ø100x2, Ø1800	Ø120x2,5, Ø2000	Ø150x3, Ø2600
6	Ø88,5x3,6, Ø1700	Ø114,3 x3,6, Ø1400	Ø139,7x5, Ø2600
7	100x40x6	120x60x4	140x70x5
8	80x80x4	100x100x4	100x100x6
9	60x60x6, Ø1000	70x70x10, Ø1500	80x80x12, Ø1500
10	60x60x6, Ø1000	70x70x10, Ø1500	80x80x12, Ø1500
11	80x6, Ø1000	100x10, Ø1400	120x12, Ø1400
12	80x5, Ø1200	100x10, Ø1400	120x10, Ø1400
13	80x5, Ø1000	100x10, Ø1200	120x12, Ø1600
14	UPN100, Ø1000	UPN120, Ø1200	UPN140, Ø1400
15	UPN100, Ø1200	UPN120, Ø1200	UPN140, Ø1400
16	IPN80, Ø1200	IPN120, Ø1100	IPN140, Ø1500
17			HEA100, Ø2000
18			
19			
20			

Technical specifications

Section mod. (mm)	25	45	60
Power	5,5kW - 7hp	7,5kW - 10hp	10kW - 13,5hp
RPM	10	7	6
Tool Ø (mm)	187/118	247/138	300/188
Shaft Ø (mm)	65/65	80/80	100/100
Weight (kg)	770	1480	2150
Dimensions (mm)	1520x1080x1650	1615x1260x1760	1900x1400x1850

- Standard rolls
- One set of rolls is required for each tube OD
- Special rolls for thin wall profiles
- Special rolls

Data achieved using special tooling. 2400mm (2) yield point steel and several bending operations. All data of the machines is not binding, and may be subject to change without notice. Pictures are for demonstrative purposes only.

MAH-CNC

CNC profile benders



The MAH-CNC range from AMOB provides outstanding production cycle times, unmatched reliability and the production of products not possible on lower level machines. These are the first machines in AMOB's profile section range that are fully computer-controlled. This technology allows for producing elliptical shapes on a large scale with unbeatable repeatability - plus, the MAH-CNC range is able to put multiple radiuses into a single profile using both progressive and direct pressure, opening up a new sector for product manufacture. The user-friendly 2D CNC controls make this series a popular choice for profile bending sub-contractors and aluminium window and door producers, along with greenhouse manufacturers and other similar industries. The MAH CNC series takes profile bending to the next level and allows the production of products that is just not possible on MAH and MAM series machines.

MAH40/3CNC

HMI wide touch screen
High capacity program storage
Profile name and calibration archive
Manual and fully automatic working cycle



MAH60/3CNC

HMI wide touch screen
High capacity program storage
Profile name and calibration archive
Manual and fully automatic working cycle



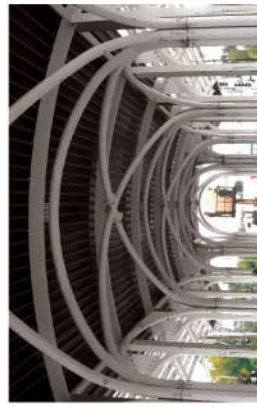
MAH150/3CNC

HMI wide touch screen
Simultaneous axis movements
High capacity program storage
Profile name and calibration archive
Manual and fully automatic working cycle



MAH-CNC controller

HMI wide touch screen
Simultaneous axis movements (reduced cycle time)
High capacity program storage
Profile name and calibration archive
Multi radius bends
Manual and fully automatic working cycle
Produced parts counter
Popup alarm messages
Userfriendly data insert system



MAH-AC

Angle bending rolls

The MAH-AC series carries the largest capacity profile bending machines in the world. With planetary moving bottom rolls, they can achieve faster, tighter bending with fewer passes, which results in reduced cycle times. This range is available in both CNC and NC with AMOB's specially developed auto learning software, which removes the need to do sacrificial test bends and therefore reduces scrap material and wasted production time.

If bending the largest profiles is a requirement then look no further than the MAH-AC series from AMOB.



MAH60/3AC - MAH150/3AC

Standard specification

- Three driven rolls
- Standard rolls
- Horizontal & vertical working position
- Foot pedal with safety device
- Bottom rolls programmable digital read-out
- Hydraulic adjustment of bottom rolls
- Electronic overload protection
- Lateral guide rolls (MAH60/3AC - MAH120/3AC)
- Hydraulic standard guide rolls (MAH150/3AC)
- Hydraulic angle bending guide rolls (MAH150/3AC)

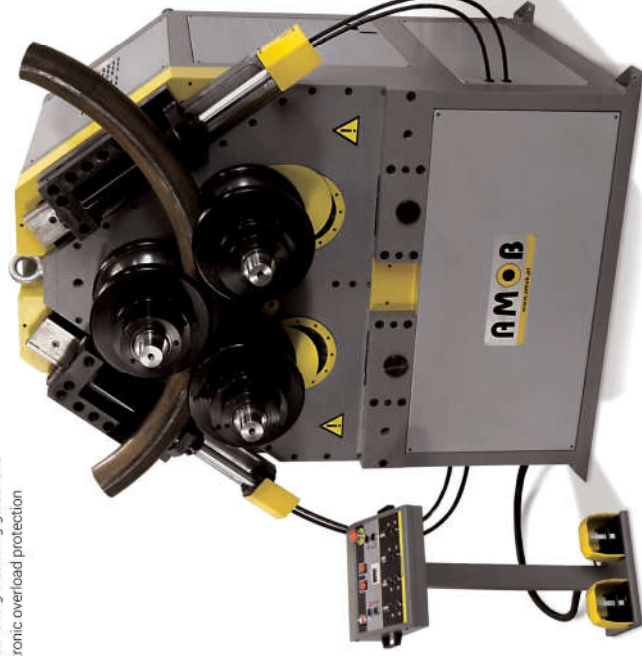
- ### Option specification
- Special rolls for profile/tubes
 - Hydraulic guide rolls
 - Mechanical or hydraulic angle guide rolls
 - Guide rolls digital read out
 - Variable speed
 - Pulling arm device
 - Pulling arm device tools

MAH150/3AC

- Bottom rolls programmable digital read-out
- Hydraulic angle bending guide rolls
- Electronic overload protection

MAH120/3AC

- Bottom rolls programmable digital read-out
- Lateral guide rolls
- Electronic overload protection



	MAH60/3AC 1400x2000mm	MAH80/3AC 1600x2000mm	MAH120/3AC 1800x2000mm	MAH150/3AC 2000x2000mm
1	80x25 021200	100x20 020200	120x25 01600	140x30 03000
2	80x20 01200	120x30 06600	200x35 06600	220x50 01000
3	35x35 01400	45x45 01000	65x65 0680	85x85 01200
4	040 08800	060 01000	075 09000	090 01100
5	070x2 01400	0100x3 03000	0141x3,4 03000	0168x3,4 02500
6	060,3x3,2 01000	088,9x4 01500	0114,3x6 02500	0141x6 02500
7	80x30x3	100x40x3,2	140x40x3	150x50x5
8	60x60x3	70x70x4	100x100x5	100x8
9	50x50x5 05500	80x80x8 01600	100x100x12 01000	120x120x15 01300
10	50x50x5 01000	80x80x8 02000	100x100x10 01000	120x120x15 01600
11	80x40x7,5 01000	80x80x8 01400	100x12 0800	120x15 01000
12	70x35x5 01200	80x80x8 01400	100x10 0800	120x13 01000
13	50x50x5 08900	80x80x8 01400	120x10 01200	130x10 01300
14	UPN 80 0800	UPN 140 01200	UPN 200 01200	UPN 240 01000
15	UPN 80 01000	UPN 140 01200	UPN 200 01200	UPN 240 01200
16	-	IPN 120 0500	IPN 200 0800	IPN 240 01200
17	-	-	HEA 120 01000	HEA 140 01200
18	-	-	UPN 120 04500	UPN 160 08000
19	-	-	IPE 120 02000	IPE 160 05000
20	-	-	HEB 100 03600	HEB 120 03600

Technical specifications

Section mod. mm ²	28	35	40-80	80-150
Power	5,5kW - 7hp	7kW - 9hp	11kW - 15hp	15kW - 20 hp
RPM	11,5	5,5	5,5	3,6
Tool Ø mm	178	245	315	380
Shaft Ø mm	65/65	80/80	100/100	120/120
Weight kg	1200	1660	2800	5300
Dimensions mm	1280x1170x1445	1410x1380x1615	1435x1470x1760	2000x1815x2070

- Standard rolls
- One set of rolls is required for each tube OD
- Special rolls for thin wall profiles
- Special rolls
- Pulling arm device

Data achieved using special tooling. 24h running, hard point steel and several bending operations. All data of the machines is not binding and may be subject to change without notice. Pictures are for demonstrational purpose only.

MAH-AC

Section bending rolls

The MAH-AC 170-300 range of heavy-duty section bending machines caters for high end, heavy duty profile and section bending. With capabilities for bending up to IPE 270 beam, they are extremely heavy-duty and can cater for a huge range of profiles and sections. Like all machines from the MAH-AC range, these are the first products from AMOB to feature planetary moving bottom rolls - allowing for faster and tighter bending and a more efficient production time. This range is available in both CNC and NC with AMOB's specially developed auto learning software, which removes the need to do sacrificial test bends and therefore reduces scrap material and wasted production time. The MAH-AC series is the largest capacity range in the world - look no further than this range for bending the largest profiles.



MAH170/3AC - MAH300/3AC

Standard specification

- Three driven rolls
 - Standard rolls
 - Hydraulic standard guide rolls
 - Horizontal working position
 - Bottom rolls programmable digital read-out
 - Command with safety device
 - Hydraulic adjustment of bottom rolls
 - Electronic overload protection
 - Hydraulic angle bending guide rolls
- #### Option specification
- Special rolls for profile/tubes
 - Guide rolls digital read out
 - Variable speed
 - Pulling arm device
 - Pulling arm device rolls

MAH170/3AC

- Electronic overload protection
- Hydraulic angle bending guide rolls
- Pulling arm device



MAH250/3AC

- Electronic overload protection
- Hydraulic angle bending guide rolls
- Special rolls for profile



MAH170/3AC PLANETARY MOVING ROLLS	MAH250/3AC PLANETARY MOVING ROLLS	MAH300/3AC PLANETARY MOVING ROLLS
150x40 Ø1400	180x60 Ø1500	200x60 Ø1600
250x60 Ø1400	340x80 Ø1400	420x90 Ø1900
105x105 Ø1600	130x130 Ø1700	150x150 Ø2200
Ø110 Ø1200	Ø140 Ø1200	Ø160 Ø1500
Ø219x2,7 Ø3000	Ø298x4,2 Ø5000	Ø368x4,5 Ø10000
Ø168,3 x7,1 Ø2500	Ø254 x8 Ø3500	Ø339,7x8 Ø15000
180x70x8	210x90x8	240x110x10
120x120x10	160x160x10	200x200x12
150x150x16 Ø1200	160x160x20 Ø1500	200x200x25 Ø2500
150x150x15 Ø1500	150x150x20 Ø1600	200x200x25 Ø2500
150x16 Ø1000	160x20 Ø1400	200x28 Ø2500
150x15 Ø1200	150x20 Ø2000	200x25 Ø2000
150x16 Ø1000	160x20 Ø1500	200x28 Ø2500
UPN 300 Ø1100	UPN 360 Ø1200	UPN 450 Ø2000
UPN 300 Ø1100	UPN 360 Ø1400	UPN 450 Ø2000
IPN 300 Ø1200	IPN 360 Ø1500	IPN 450 Ø2000
HEA 180 Ø1100	HEA 260 Ø2500	HEA 400 Ø4500
UPN 180 Ø8000	UPN 240 Ø12000	UPN 260 Ø12000
IPE 180 Ø6000	IPE 240 Ø7000	IPE 270 Ø10000
HEA 160 Ø6000	HEB 200 Ø8000	HEB 240 Ø10000

Technical specifications

Section mod. cm ³	120-220	240-570	350-940
Power	22kW - 30hp	29kW - 40 hp	41kW - 55hp
RPM	0 - 48	0 - 4	0 - 33
Tool Ø mm	460	550	660
Shaft Ø mm	190/170	250/230	290/270
Weight kg	9850	17000	21000
Dimensions mm	2700x2080x1880	3050x2240x2160	3890x2850x2300

- Standard rolls
 - One set of rolls is required for each tube OD
 - Special rolls for thin wall profiles
 - Special rolls
 - Pulling arm device
- Data achieved using special tooling - 240kN/mm² yield point steel and several bending operations. All data of the machines is not binding and may be subject to change without notice. Pictures are for illustrative purposes only.

MAH-AC

Section bending rolls



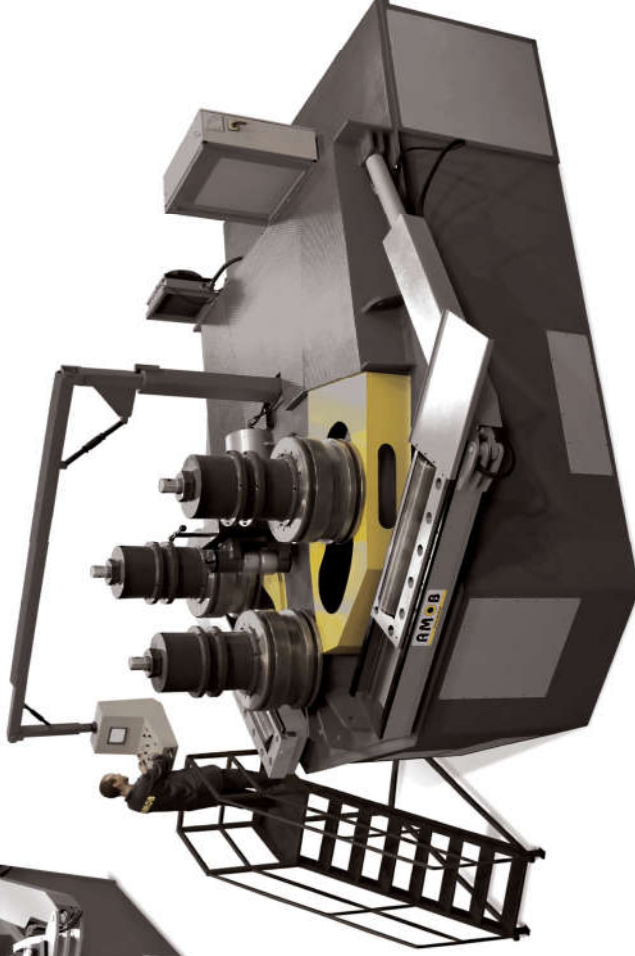
The MAH-AC 400-600 range of section bending machines caters for high end and heavy-duty profile and section bending. Capable of bending up to IPE 550 beam, they are extremely heavy duty and can cater for a huge range of profiles and sections. Like all machines from the MAH-AC range, these are the first products from AMOB to feature planetary moving bottom rolls - allowing for faster and tighter bending and a more efficient production time. Again, this range is available in both CNC and NC with AMOB's specially developed auto learning software which removes the need to do sacrificial test bends and therefore reduces scrap material and wasted production time.

If you're looking to bend the largest profiles, then look no further than the MAH-AC series from AMOB.



MAH400/3AC

Electronic overload protection
Hydraulic angle bending guide rolls
Pulling arm device



MAH600/3AC

Electronic overload protection
Hydraulic angle bending guide rolls
Pulling arm device



MAH400/3AC - MAH600/3AC

Standard specification

- Three driven rolls
- Standard rolls
- Hydraulic standard guide rolls
- Horizontal working position
- Bottom rolls programmable digital read-out
- Command with safety device
- Hydraulic adjustment of bottom rolls
- Electronic overload protection
- Hydraulic angle bending guide rolls

Option specification

- Special rolls for profile/tubes
- Guide rolls digital read out
- Variable speed
- Pulling arm device
- Pulling arm device rolls

	MAH400/3AC 400x600 Ø2100	MAH500/3AC 500x600 Ø2000	MAH600/3AC 600x600 Ø3000
1		250x60 Ø2100	400x60 Ø3000
2		470x20 Ø1400	650x100 Ø2000
3		160x160 Ø2200	240x240 Ø2500
4		Ø180 Ø2000	Ø260 Ø2000
5		Ø370x5.5 Ø12000	Ø558x6.5 Ø18000
6		Ø358x8 Ø15000	Ø508x15 Ø15500
7		250x125x12	320x150x12
8		220x220x13	400x400x16
9		200x200x28 Ø2000	200x200x28 Ø1700
10		200x200x25 Ø2000	200x200x28 Ø2000
11		200x28 Ø2000	200x28 Ø1500
12		200x25 Ø1800	200x30 Ø2200
13		200x28 Ø1800	200x28 Ø1700
14		LPN 500 Ø2000	LPN 1000 Ø4000
15		LPN 500 Ø2000	LPN 1000 Ø4000
16		IPN 500 Ø2000	IPN 1000 Ø6000
17		HEA 400 Ø3500	HEA 1000 Ø6000
18		LPN 280 Ø16000	LPN 400 Ø40000
19		IPE 300 Ø11000	IPE 550 Ø20000
20		HEA280 Ø14000	HEB 500 Ø30000

Technical specifications

Section mod. mm ²	350-1000	1000-4700	2000-5500
Power	65kW - 88hp	75kW - 100hp	90kW - 120hp
RPM	0 - 3	0 - 2.7	0 - 2.7
Tool Ø mm	740	800	800
Shaft Ø mm	310/290	370/370	370/370
Weight kg	27150	49500	62000
Dimensions mm	4350x3350x2350	6620x4900x4150	6520x4900x4250

- Standard rolls
 - One set of rolls is required for each tube Ø
 - Special rolls for thin wall profiles
 - Pulling arm device
- Data obtained using special loading 240kg/mm² yield point steel and several bending operations. All data of the machines is not binding and may be subject to change without notice. Pictures are for demonstrative purpose only.

MAH-AC

Section bending rolls

The MAH-AC 700-1000 range of section bending machines caters for high end, heavy-duty profile and section bending. Capable of bending up to IPE 1000 beam, they are the largest roll benders in the world in terms of capacity and size. Like all machines from the MAH-AC range, these are the first products from AMOB to feature planetary moving bottom rolls - allowing for faster and tighter bending and a more efficient production time. This range is available in both CNC and NC with AMOB's specially developed auto learning software, which removes the need to do sacrificial test bends and therefore reduces scrap material and wasted production time.

For bending the largest profiles, look no further than the MAH-AC series from AMOB.



MAH700/3AC - MAH1000/3AC

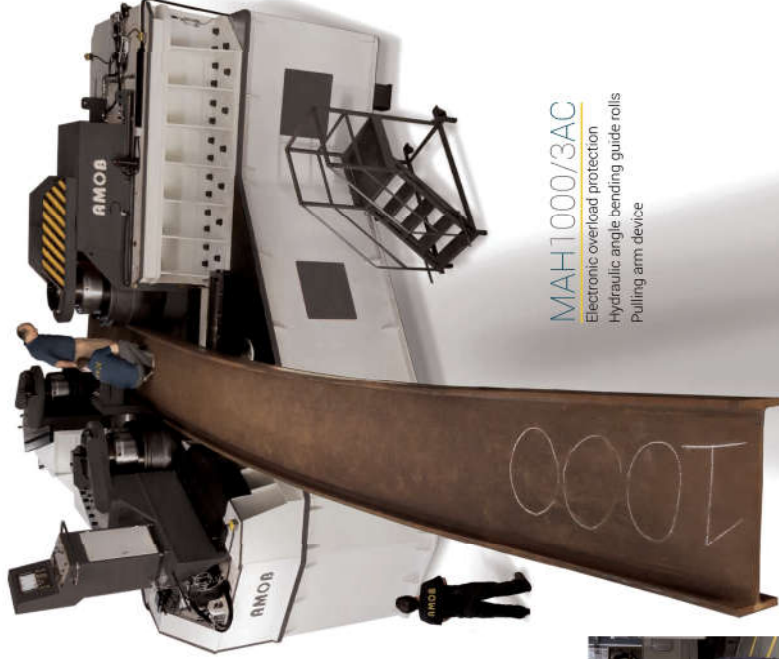
Standard specification

- Three driven rolls
- Standard rolls
- Hydraulic standard guide rolls
- Horizontal working position
- Bottom rolls programmable digital read-out
- Command with safety device
- Hydraulic adjustment of bottom rolls
- Electronic overload protection
- Hydraulic angle bending guide rolls
- Option specification**
- Special rolls for profile/tubes
- Guide rolls digital read out
- Variable speed
- Pulling arm device
- Pulling arm device rolls



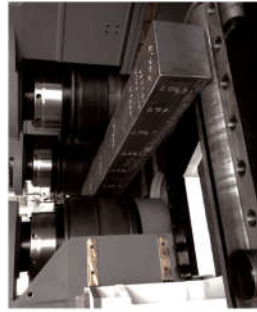
MAH800/3AC

- Electronic overload protection
- Hydraulic angle bending guide rolls
- Pulling arm device



MAH1000/3AC

- Electronic overload protection
- Hydraulic angle bending guide rolls
- Pulling arm device



	MAH700/3AC Hydraulic standard	MAH800/3AC Hydraulic standard	MAH1000/3AC Hydraulic standard
1	500x130 044000	500x160 039000	550x200 - 064400
2	1000x150 039800	1000x180 039800	600x250 - 077000
3	310x310 044000	350x350 039000	400x400 - 064400
4	03980 050000	0420 039800	-
5	0660x68 018000	0711x116 0398000	-
6	0610x18 014000	0610x22 019000	-
7	660x61 0x16	660x61 0x20	-
8	508x508x20	600x600x20	-
9	200x28 032200	200x30 01600	-
10	200x28 032200	200x30 01800	-
11	200x28 032200	200x30 01600	-
12	200x28 032200	200x30 01800	-
13	200x28 032200	200x30 01600	-
14	UPN 1000 035600	UPN 1000 039000	UPN 1000 - 0290000
15	UPN 1000 035600	UPN 1000 039000	IPN 1000 - 0495000
16	IPN 1000 039000	IPN 1000 039000	HEM 1000 030000
17	HEM 1000 030000	HEM 1000 030000	UPN 1000 0100000
18	UPN 700 0800000	IPN 800 0100000	IPN 1000 - 0550000
19	IPN 800 0395000	HEA 800 0430000	HEB 1000 - 0550000
20	HEA 800 0430000		

Technical specifications

Section mod. cm ³	3500-7700	7000-11500	7000-15000
Power	110kW - 150hp	170kW - 230hp	240kW - 320hp
RPM	0-7	0-7	0-6
Tool Ø mm	840	940	1025/815
Shaft Ø mm	420/420	520/420	520/420
Weight kg	75100	85250	195000
Dimensions mm	6900x5500x4300	7300x6000x4350	10000x8250x4550

- Standard rolls
 - One set of rolls is required for each tube Ø
 - Special rolls for thin wall profiles
 - Pulling arm device
- Data achieved using special loading 240kN/mm² yield point steel and several bending operations. All data of the machines is for bending and may be subject to change without notice. Pictures are for demonstrative purposes only.