



AR/ARL 4-Roll Section Rolls

The 4 roll section bending machine range offers a wider distance between the side rolls allowing wider bending radiuses. Here, every secondary element is eliminated and the transmission of the torque results to be higher. The mechanical configuration of these machines also allows to minimise the flat parts at the ends of the profile.

As per all MG machines, each component is pre-lubricated and sealed according to an exclusive system that guarantees lifetime lubrication. CNC automation is also possible on this kind of machine.

AR/ARL 4-Roll



Machine Features

- Accurate and versatile bending
- Customisable bending process
- Minimises material wastage
- Long-lasting stability
- Easy operation with digital readouts
- Efficient and smooth bending
- Supports various techniques
- Ensures operator protection

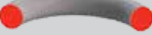
Optional Equipment

- Electric movement of the side rolls to change wheelbase according to processing
- Shaft anti-deflexion system
- Custom moulds for tubes and special profiles
- NC Nexus
- CNC Touch Command: EVO4.0 and EVO4.0 PLUS

AR-ARL 60/200 TECHNICAL SPECIFICATIONS

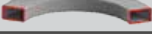
MODEL		AR-ARL 60	AR-ARL 80	AR-ARL 110	AR-ARL 130	AR-ARL 140	AR-ARL 160	AR-ARL 180	AR-ARL 200
STOCK CODE									
Section Modulus	W cm ³	10 - 18	20 - 28	35 - 55	40 - 80	45 - 95	90 - 160	100 - 250	110 - 350
Rolling Speed	min. spd.	6	6	6	6	6	6	6	6
Power	kW	4	5	7.5	15	15	18.5	18.40	29.8
Shaft Dia.	mm	60	80	110	130	140	160	190	210
Roll Dia.	mm	215	275	380	390	400	460	570	630
Length	mm	1315	1300	1600	1760	1813	2124	2340	2977
Width	mm	956	1180	1475	1540	1646	2131	2630	2970
Height	mm	940	1040	1340	1520	1605	1975	2560	2850
Weight	kg	1040	1650	2970	3800	4220	7500	13500	19000

CAPACITIES

MODEL		AR-ARL 60		AR-ARL 80		AR-ARL 110		AR-ARL 130	
PROFILE		Size	Min. Dia.	Size	Min. Dia.	Size	Min. Dia.	Size	Min. Dia.
1. 		70 x 10	1500	90 x 15	1500	110 x 25	1400	130 x 20	1600
2. 		100 x 20	1400	120 x 30	800	160 x 35	1000	190 x 30	1000
3. 		38	500	50	600	70	1200	80	1200
4. 		40	500	60	600	75	850	85	100
5. 		60 x 3	1000	98 x 3	1800	140 x 3	2800	159 x 3	3000
6. 		70 x 20 x 3	1000	100 x 40 x 3	1000	100 x 50 x 5	1200	120 x 70 x 5	1200
7. 		60 x 2	1500	70 x 4	1000	90 x 5	2000	100 x 5	2000
8. 		60 x 6	1800	80 x 10	1800	100 x 10	2000	120 x 8	2000
9. 		50 x 6	1800	70 x 8	900	90 x 10	2600	100 x 10	2600
10. 		60	1000	80	1000	100	1600	130 x 12	1500
11. 		60	1000	80	1000	100	1600	130 x 12	1500
12. 		60	1000	80	1000	100	1600	130 x 12	1500
13. 		80 x 45	1000	90	1800	UPN 140	1200	UPN 160	1200
14. 		80 x 45	1000	UPN 90	1800	UPN 140	1200	UPN 160	1200
15. 		N/A		N/A		IPE 160	3000	IPE 160	1200
16. 		N/A		N/A		HE A = 140 HE B = 120	3000 3000	HE A = 160 HE B = 140	2000 2000

Capacities are given for 260 N/mm² plate yielding strength | * Specialist tooling recommended | ** Specialist tooling required

CAPACITIES

MODEL	AR-ARL 140		AR-ARL 160		AR-ARL 180		AR-ARL 200	
PROFILE	Size	Min. Dia.	Size	Min. Dia.	Size	Min. Dia.	Size	Min. Dia.
1. 	150 x 20	1800	150 x 40	1500	150 x 50	1300	200 x 35	2200
2. 	180 x 40	1250	240 x 50	1800	260 x 60	1800	280 x 60	2300
3. 	90	1200	90	1500	120	1800	130	3400
4. 	90	100	110	1650	130	1300	135	2200
5. 	168 x 4	4000	190 x 4	3000	219 x 5	6500	273 x 5	13000
6. 	150 x 70 x 5	2500	160 x 70 x 8	4800	180 x 70 x 8	6500	280 x 80 x 8	6000
7. 	120 x 5	1000	140 x 10	3000	150 x 8	6000	165 x 10	6000
8. 	140 x 15	2600	160 x 15	3000	180 x 18	6400	200 x 18	6400
9. 	120 x 14	3000	1150 x 10	3000	160 x 18	6400	180 x 14	6400
10. 	140 x 15	1400	150 x 15	2800	160 x 15	5000	200 x 20	7400
11. 	140 x 15	1400	150 x 15	2800	160 x 18	5000	200 x 20	7400
12. 	140 x 15	1400	150 x 15	2800	160 x 15	5000	200 x 20	7400
13. 	UPN 180	1000	UPN 220	5000	UPN 260	6300	UPN 280	6300
14. 	UPN 180	1000	IPN 220	5000	UPN 260	6300	UPN 280	6300
15. 	IPE 180	1800	IPE 240	5000	IPE 260	6300	IPE 280	6300
16. 	HE A = 200 HE B = 180	3000 2700	HE A = 220 HE B = 200	5000 5000	HE A = 260 HE B = 240	9000 9000	HE A = 280 HE B = 260	12000 9500

Capacities are given for 260 N/mm² plate yielding strength | * Specialist tooling recommended | ** Specialist tooling required



AR 160.4