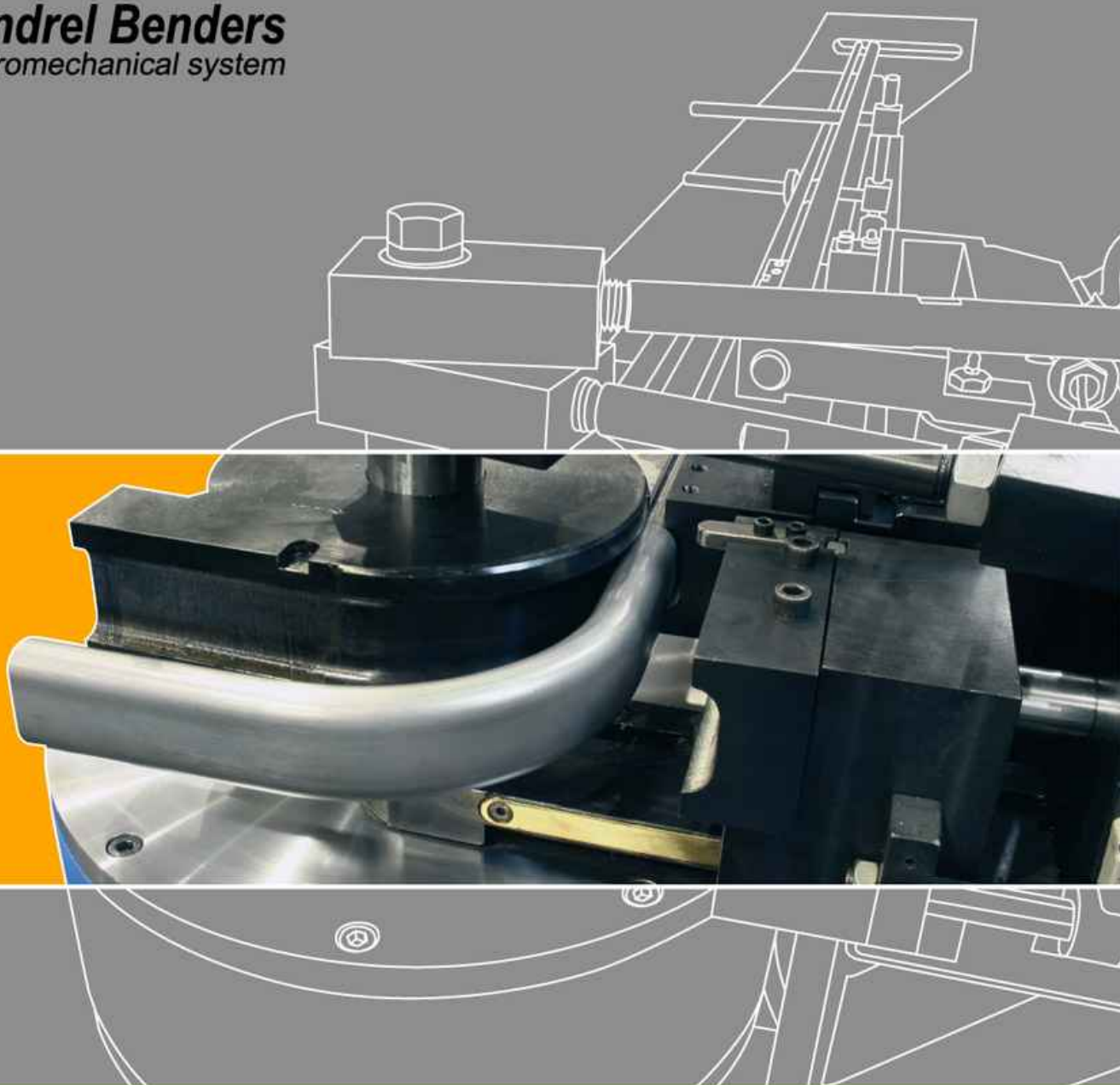




MB Series

■ **Mandrel Benders**
Electromechanical system



CE

Company



References



Company Profile

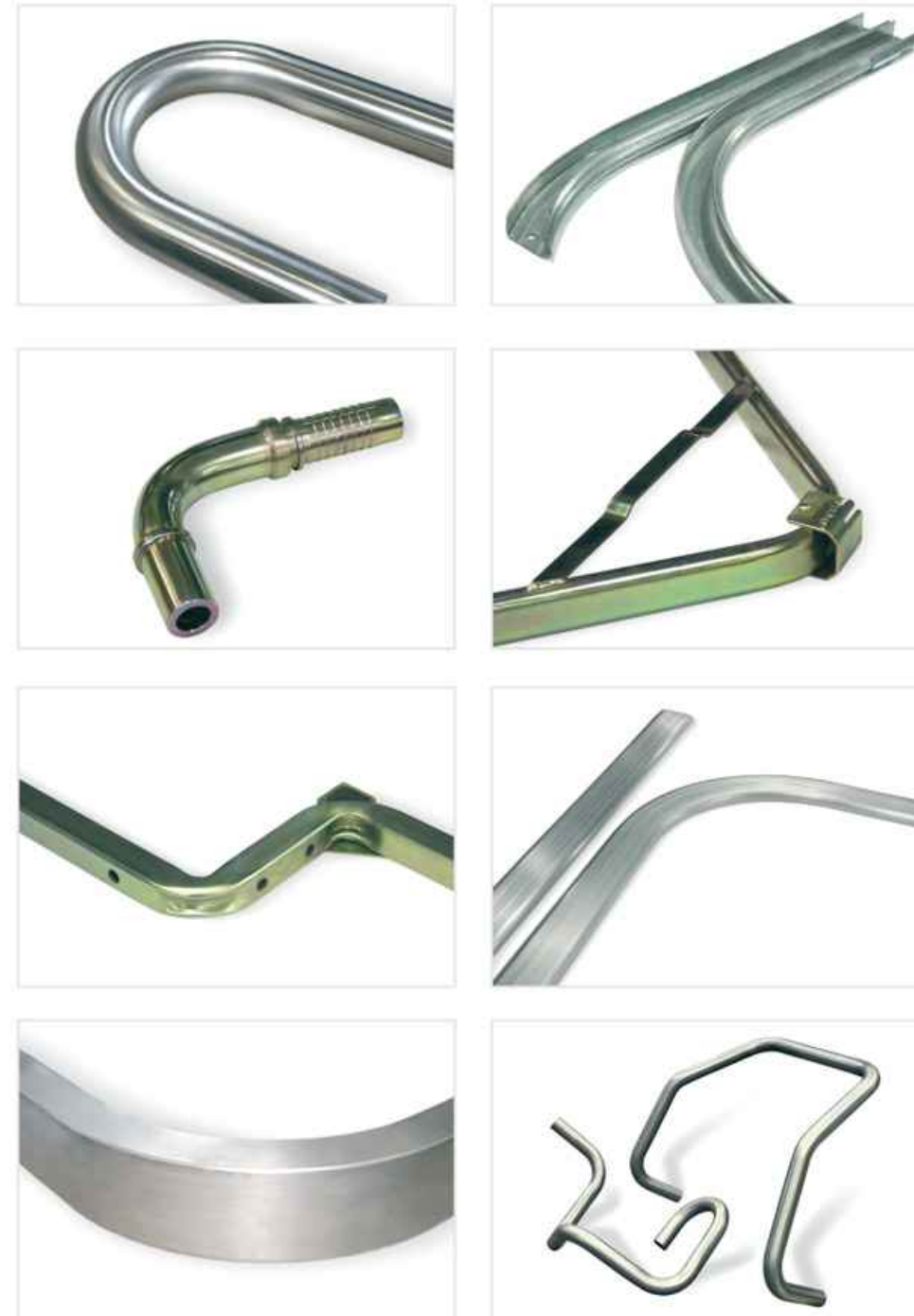
Baileigh Industrial consistently provides its customers with quality metal fabricating equipment in **North America** and **Europe**. product line consistently grows and currently offers **mandrel tube/pipe benders, rotary draw tube/pipe benders, tube and pipe notchers, corner notchers, cold saws, band saws, sheet metal shears, sheet metal brakes, ironworkers,** and we add new products on a daily basis. **Baileigh Industrial** has grown to be one of the largest and most respected sources of metal fabricating equipment in the world.

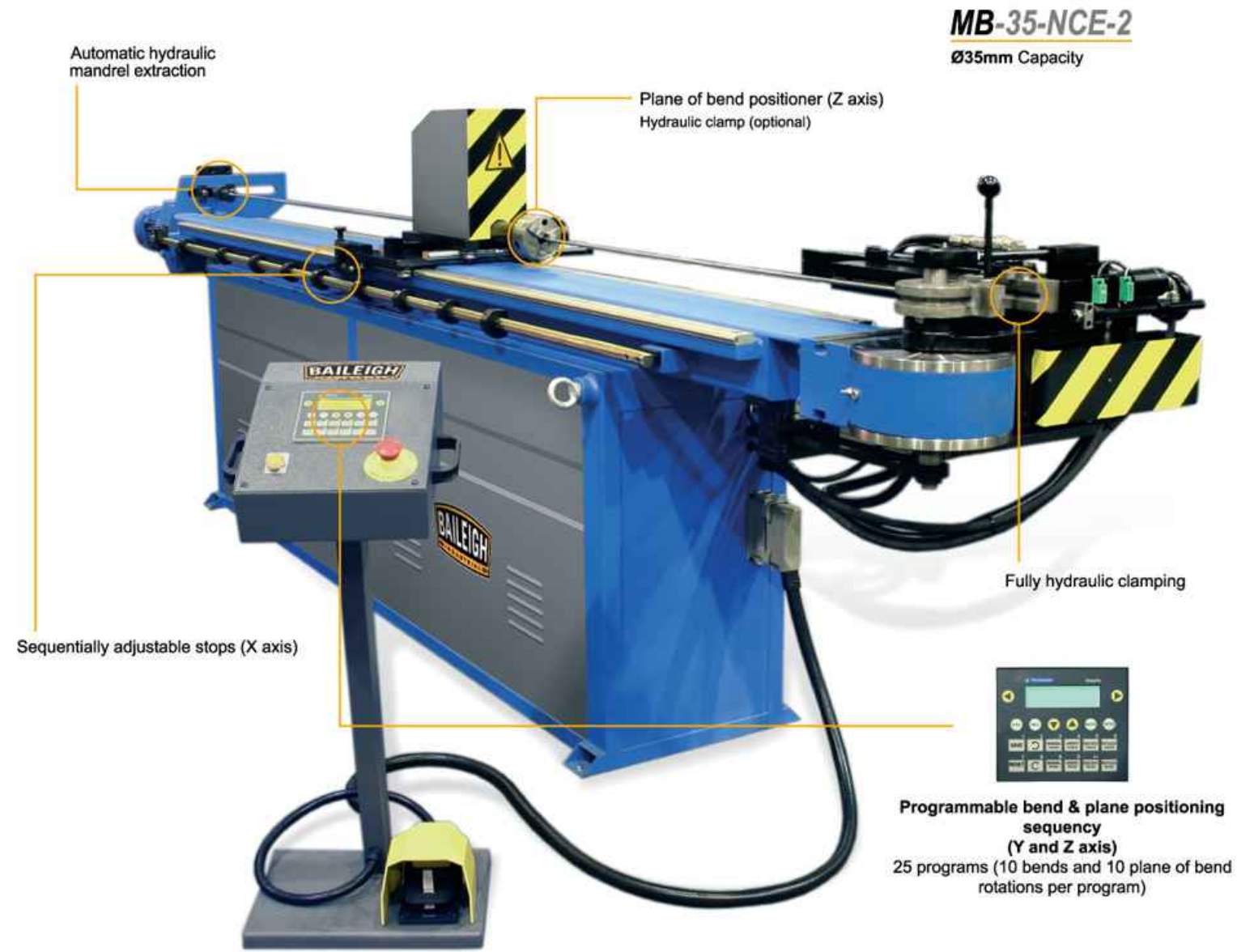
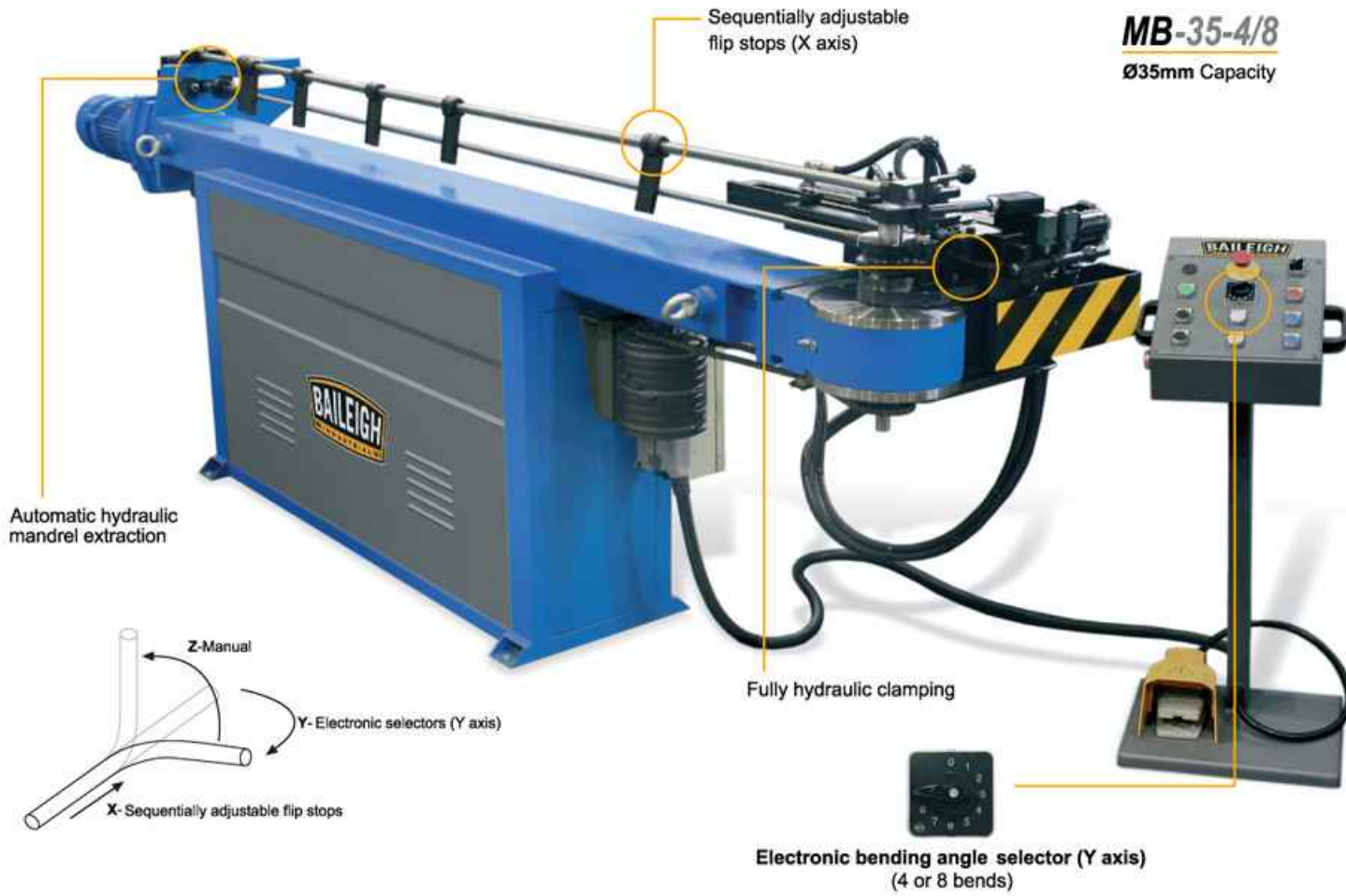


Baileigh Industrial takes great pride in having friendly and knowledgeable staff to assist you with determining the best machine for your application. We also maintain a worldwide network of dealers within the metal fabricating industry to offer you local sales assistance and after sale support. Our goal is to provide profitable solutions to your metal fabricating needs.

Mission Statement

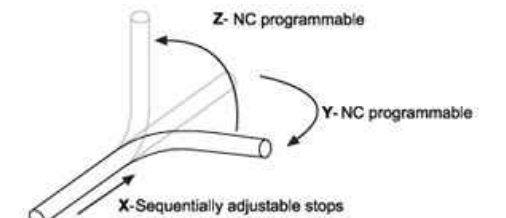
To be the preferred supplier of quality fabrication equipment, systems and services by profitably responding to our customer's needs with dependable delivers, services, and products that offer innovative technology and unsurpassed value.





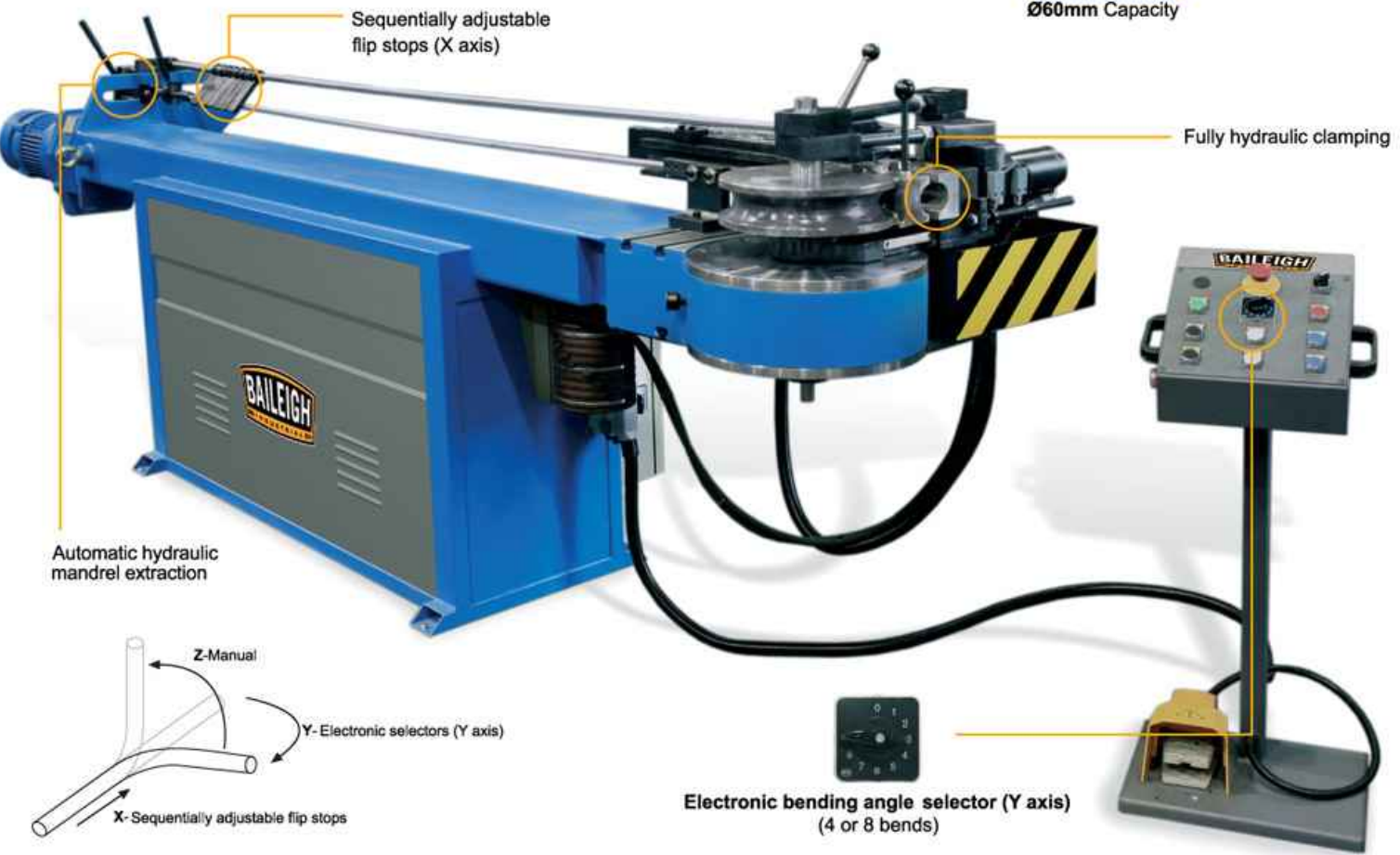
Optional equipment

- Automatic hydraulic mandrel extraction
- Automatic hydraulic pressure die
- Automatic hydraulic pressure die assist
- Automatic mandrel lubrication
- Hydraulic clamp for plane of bend positioner
- Machine useful length increments (1m)
- Split die system (square/rectangular/others)
- Dies for profiles/tubes

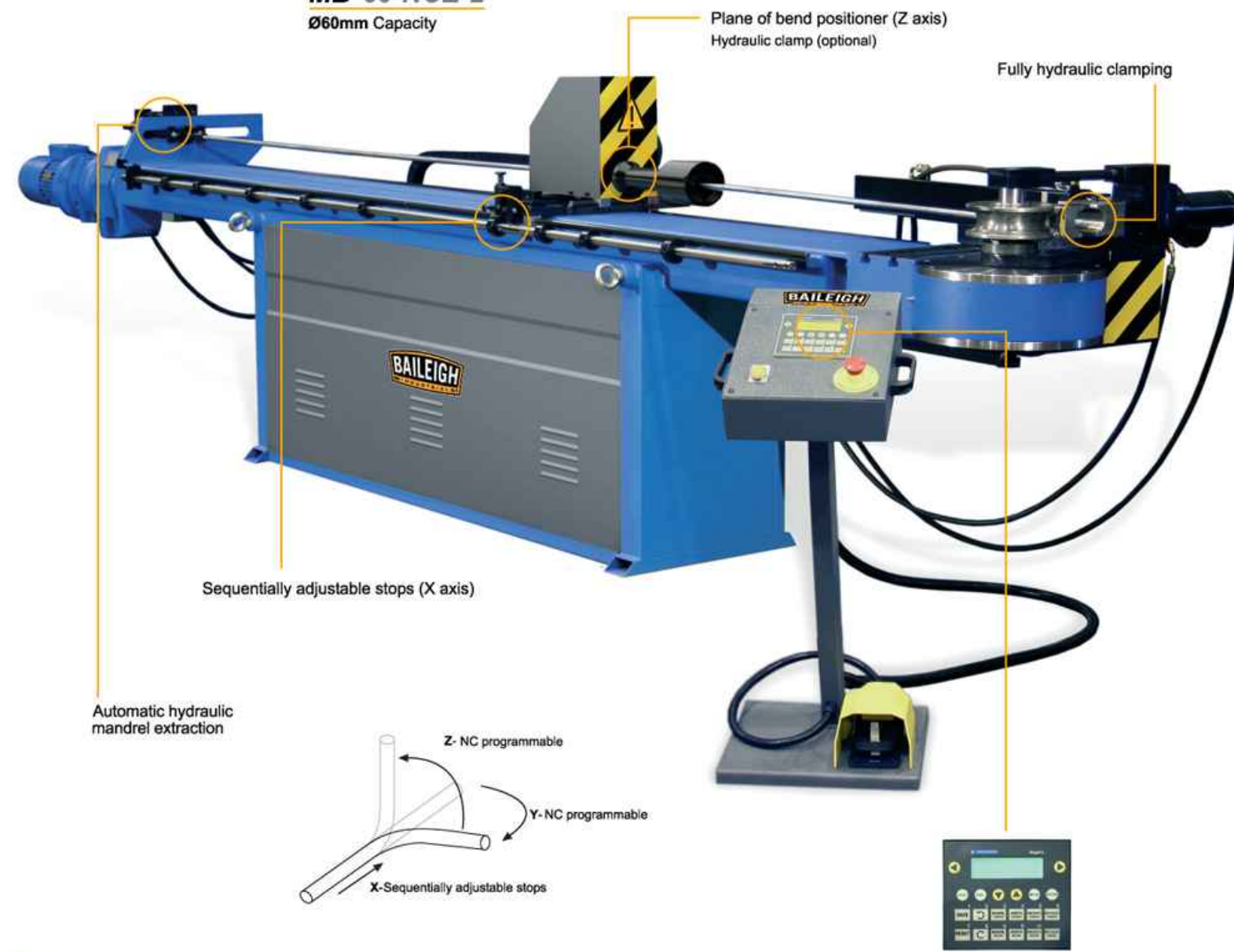


	MB-35-4/8	MB-35-NCE-1	MB-35-NCE-2
Total power - (kW)	5.5	5.5	5.6
Dimensions - (mm)	4050x1000x1120	4050x1000x1120	4700x1000x1320
Weight - (Kg)	980	1100	1150
Maximum Centerline bending Radius (mm)	130	130	110
Maximum useful length with/without mandrel - (mm)	3000	3000	3000

MB-60-4/8
Ø60mm Capacity



MB-60-NCE-2
Ø60mm Capacity



MB-60-NCE-1
Ø60mm Capacity



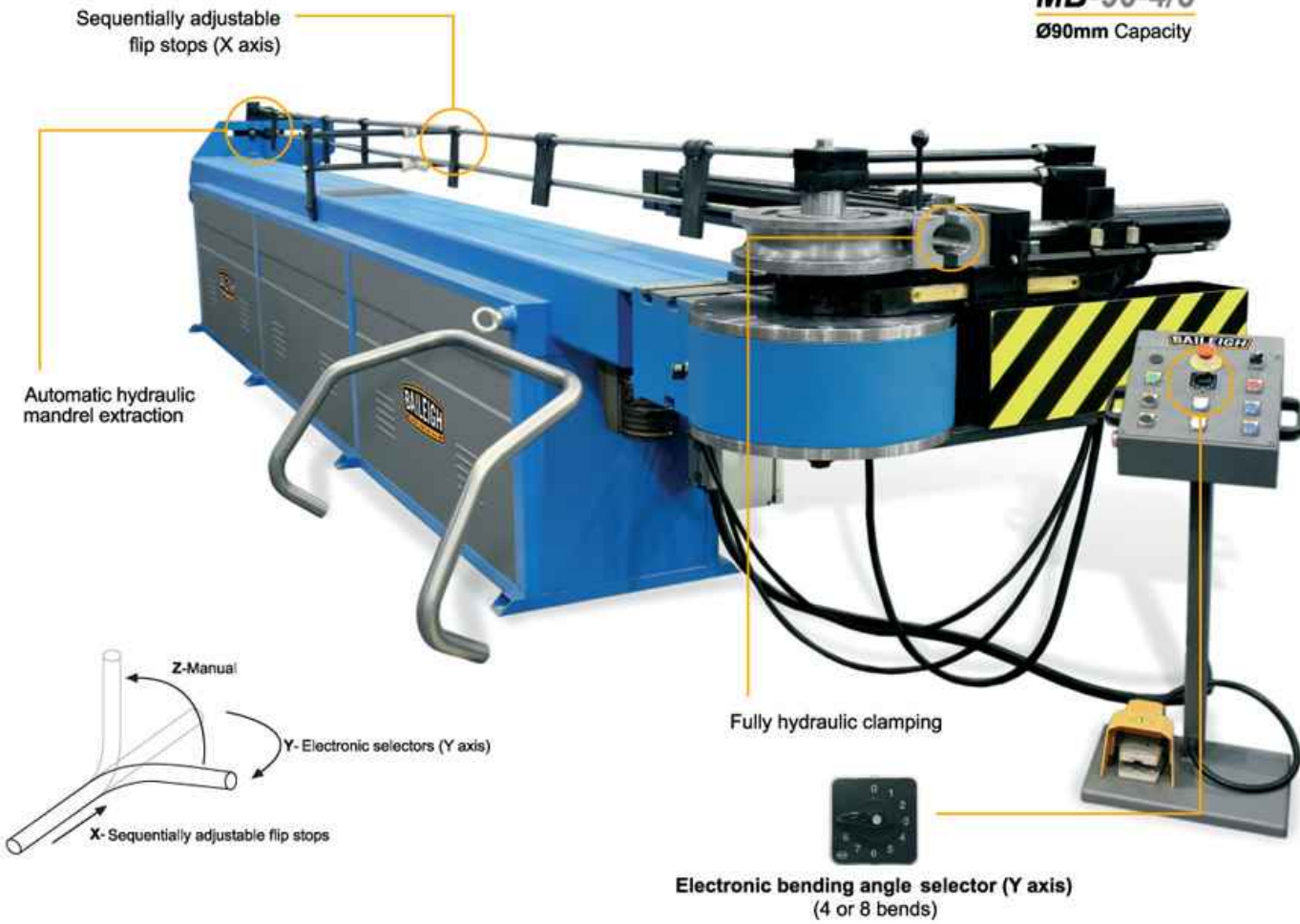
Optional equipment

- Automatic hydraulic mandrel extraction
- Automatic hydraulic pressure die
- Automatic hydraulic pressure die assist
- Automatic mandrel lubrication
- Hydraulic clamp for plane of bend positioner
- Machine useful length increments (1m)
- Split die system (square/rectangular/others)
- Dies for profiles/tubes

MB-60-4/8 MB-60-NCE-1 MB-60-NCE-2

	Total power - (kW)	8	8	8.1
	Dimensions - (mm)	4250x1200x1170	4250x1200x1170	4950x1200x1330
	Weight - (Kg)	1580	1700	1760
	Maximum Centerline bending Radius (mm)	225	225	195
	Maximum useful length with/without mandrel - (mm)	3000	3000	3000

MB-90-4/8
Ø90mm Capacity



MB-90-NCE-2
Ø90mm Capacity



MB-90-NCE-1
Ø90mm Capacity



Optional equipment

- Automatic hydraulic mandrel extraction
- Automatic hydraulic pressure die
- Automatic hydraulic pressure die assist
- Automatic mandrel lubrication
- Hydraulic clamp for plane of bend positioner
- Machine useful length increments (1m)
- Split die system (square/rectangular/others)
- Dies for profiles/tubes

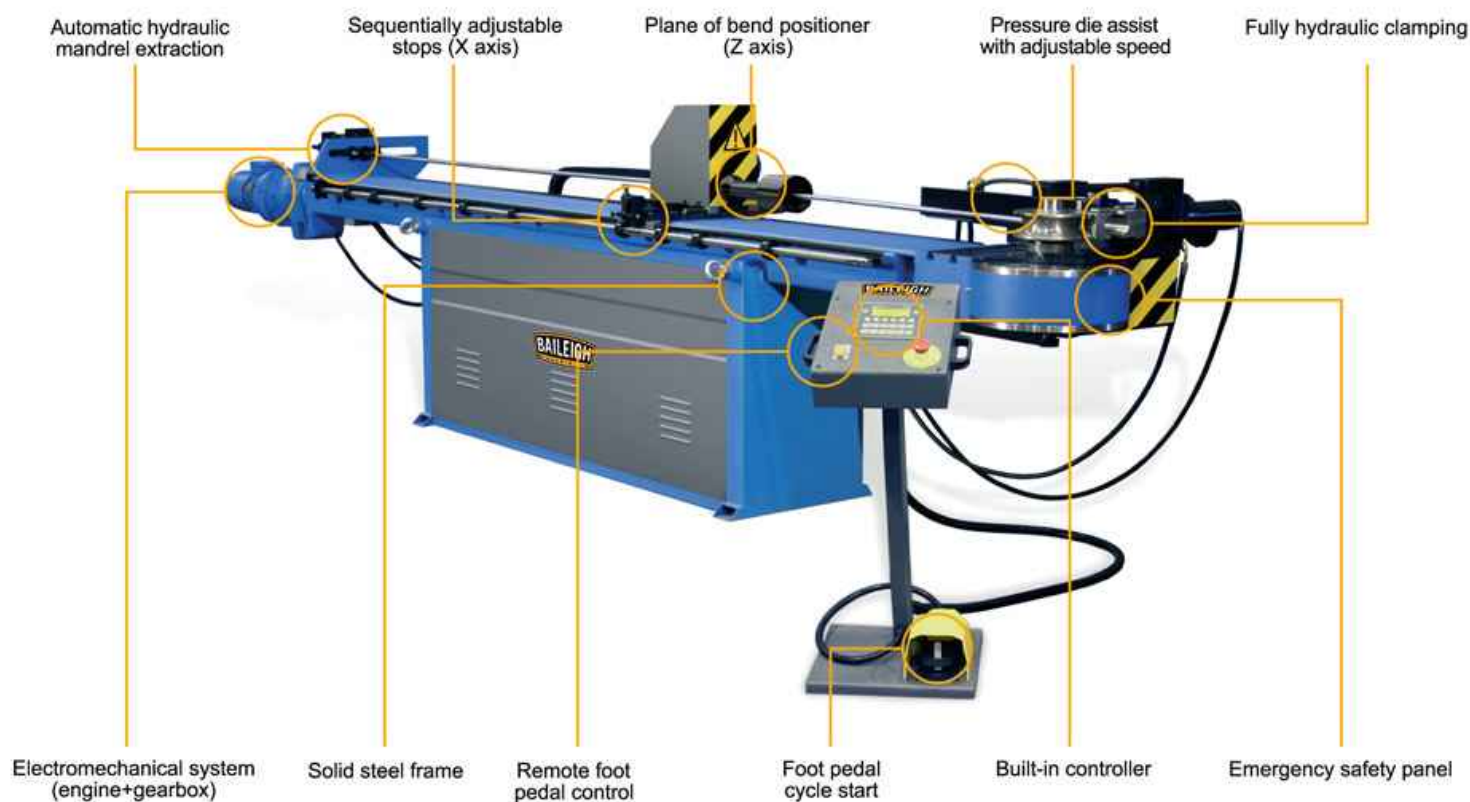
Programmable bend & plane positioning sequence (Y and Z axis)
25 programs (10 bends and 10 plane of bend rotations per program)

	MB-90-4/8	MB-90-NCE-1	MB-90-NCE-2
Total power - (kW)	8	8	8.12
Dimensions - (mm)	4560x1550x1270	4560x1550x1270	5560x1550x1330
Weight - (Kg)	2200	2350	2427
Maximum Centerline bending Radius (mm)	325	325	305
Maximum useful length without mandrel - (mm)	3000	3000	3000

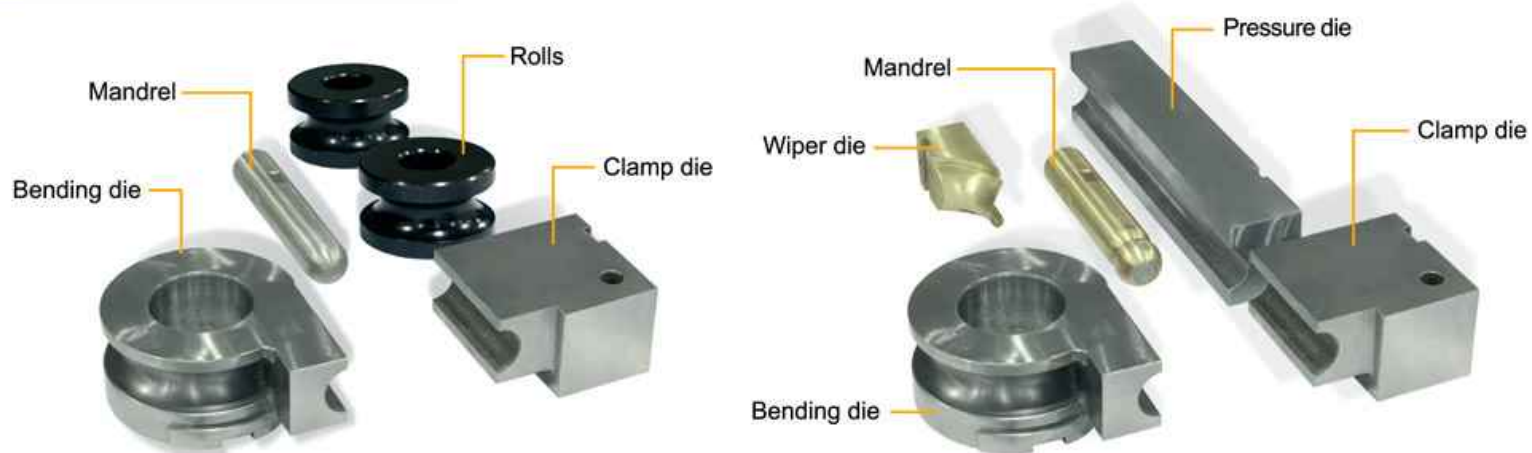
Versatile, Accurate, and Heavy Duty

- Robust engineering
- Reliable solid machined steel frame construction
- From 9mm to 90mm
- Nominated to medium productions
- Semi-automatic / NC programmable Y & Z axis
- Programmable bending/lengths/rotation sequenced
- Speed regulation hydraulic pressure die assist
- Square/round/rectangular & special formats on request
- Permutable shaft for tight radius

Overview

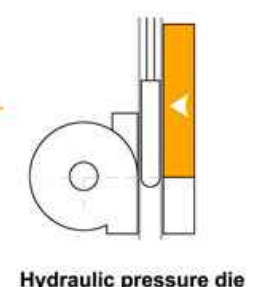
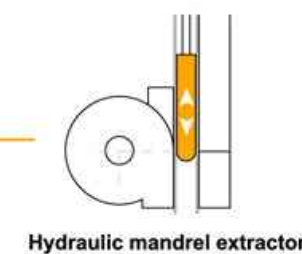
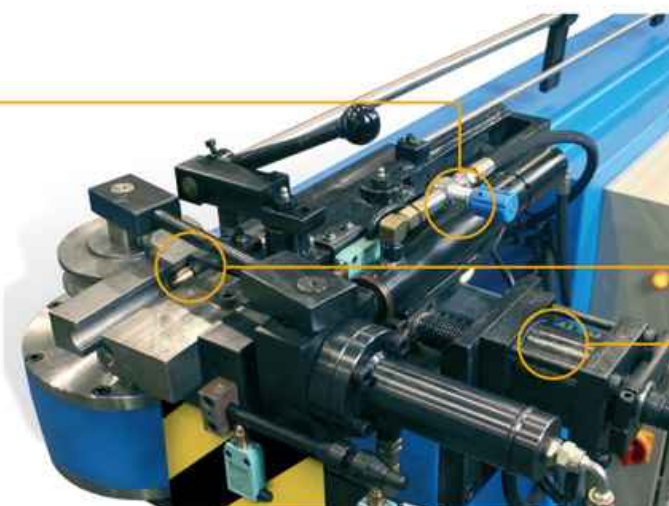
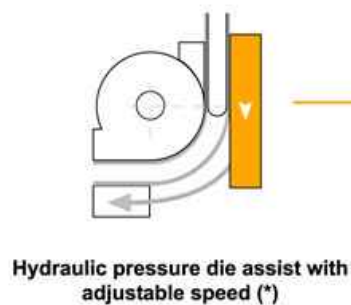


Tools



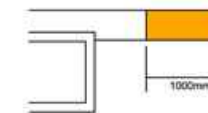
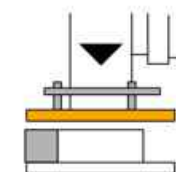
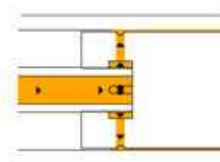
Options

Bending options



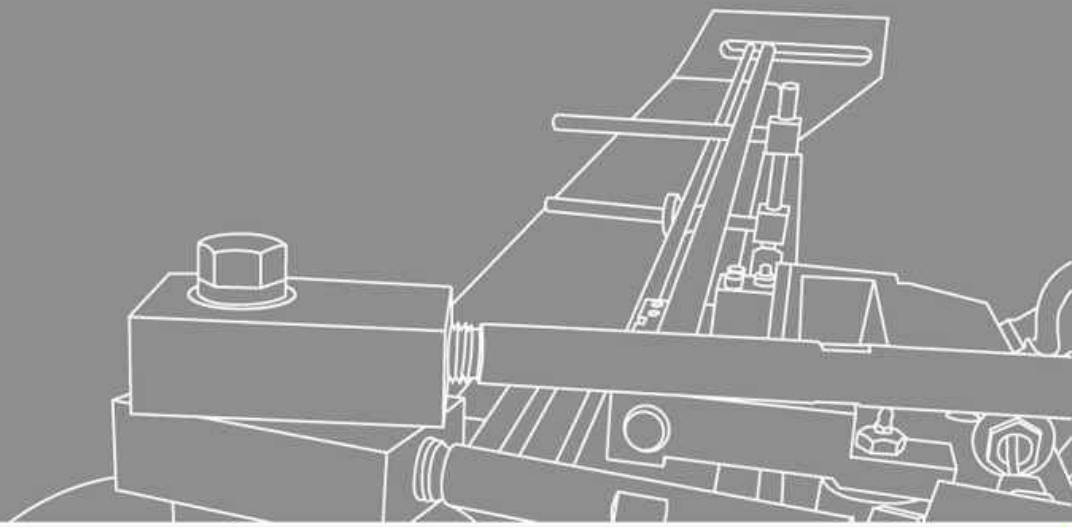
(*) Only when equipped with hydraulic pressure die

Other options



Characteristics

	MB-35	MB-60	MB-90
Maximum bending OD x thickness (steel - 450 N/mm²) - (mm)	35 x 3	60 x 3	90 x 3
Maximum bending OD x thickness (stainless steel - 700 N/mm²) - (mm)	30 x 2	50.8 x 2	76.2 x 2
Maximum bending side x side x thickness (steel - 450 N/mm²) - (mm)	30 x 30 x 2	50.8 x 50.8 x 2	76.2 x 76.2 x 2
Maximum section modulus (steel - 450 N/mm²) - (cm³)	1.2	4.6	10.5
Maximum bending Angle - (°)	190	190	190
Standard bending direction	Clockwise	Clockwise	Clockwise
Working pressure - (bar)	150	150	150
Power supply - (Volts-Hz-Phases)	380V - 50Hz - 3P 220V - 60Hz - 3P	380V - 50Hz - 3P 220V - 60Hz - 3P	380V - 50Hz - 3P 220V - 60Hz - 3P



Balleigh Industrial, Inc.

P.O. Box 531
1625 Dufek Drive
Manitowoc, WI 54221-0531
920-684-4990
Email: sales@bii1.com
www.bii1.com

Balleigh Industrial, Ltd.

Unit 1 Fullwood Close
Aldermans Green Industrial Estate Coventry
West Midlands
United Kingdom
CV2 2SS (0)24 7661-9267
Email: sales@bifabuk.co.uk
www.bifabuk.co.uk

