

Motorised bead bending machines

MSBM SERVO-NC -

Motorised swivel bending machine with NC control and swivelling upper beam

standard version:

- ▶ Upper beam with a generous clear opening of 350 mm
- ▶ Clamping beam driven by servo motors and ball screw for high clamping force
- ▶ Servomotorised rear stop with 1500 mm travel range with solid stop fingers and grooves in the bed support
- ▶ Large, rectangular support table in the rear area with integrated transfer balls for easy material handling
- ▶ 170 mm high, segmented crowbar tool, end pieces designed as horns to be able to perform circumferential bends with C side walls
- ▶ One narrow and one wide continuous bending bar included in the scope of delivery (15 mm and 40 mm)
- ▶ Manual sheet thickness adjustment of the bending beam
- ▶ Front safety area secured via light curtain
- ▶ 3-way foot pedal for one-man operation
- ▶ User-friendly 15.6" touchscreen NC control unit on ergonomic swivel arm

Special accessories

- ▶ Clear upper beam opening 400 mm and 200

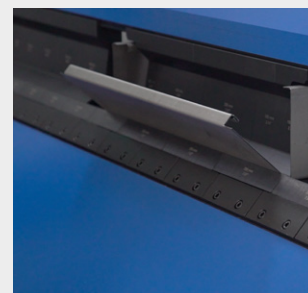
mm high, segmented crowbar tools

- ▶ Backgauge extensions with a length of 2500, 3200 or 4200 mm
- ▶ Different support table geometries. L-, T- or U-shape
- ▶ Graphic 2D or 3D controls
- ▶ Motorised sheet thickness adjustment of the bending beam
- ▶ Pneumatic upper tool clamping
- ▶ Central, manual crowning system of the bending beam
- ▶ Flat, rotatable stop fingers with bed support without grooves
- ▶ Segmentation of the bed support and/or bending bar
- ▶ Second foot pedal for two-man operation

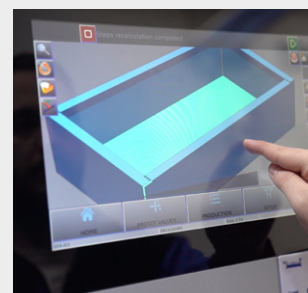


MAIN FEATURE

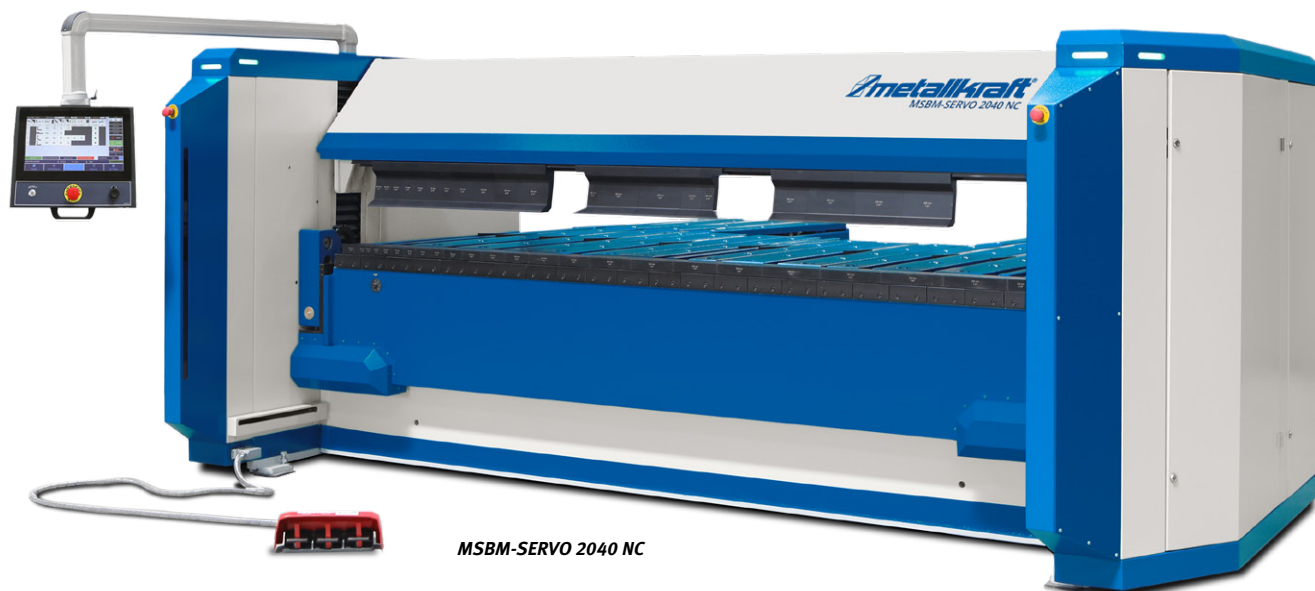
Bending of large boxes with side heights of up to 170 mm (maximum 200 mm possible as an option)



Very well suited for the production of high boxes with a side height of 170 mm and material thicknesses of up to 4 mm - side heights of up to 200 mm are possible as an option



Intuitively programmable graphic 3D or 2D control - even for complex tasks (optionally available)



MSBM-SERVO 2040 NC

ASK FOR YOUR PERSONALISED OFFER!

Model		MSBM-SERVO 2040 NC	MSBM-SERVO 2535 NC	MSBM-SERVO 3230 NC	MSBM-SERVO 4225 NC
Art. no.		4137200	4137250	4137320	4137420
Technical data					
Working width	mm	2040	2535	3230	4225
Bending capacity (400 N/mm ²)	mm	4	3.5	3	2.5
Bending capacity (700 N/mm ²)	mm	3	2.5	2	1.5
Bending capacity (235 N/mm ²)	mm	6	5	4	3.5
Total input power	kW	16.9	16.9	16.9	16.9
Dimensions (L x W x H) approx.	mm	3600 x 2300 x 2400	4100 x 2300 x 2400	4700 x 2300 x 2400	5700 x 2300 x 2400
Weight approx.	kg	6800	7300	8250	9650

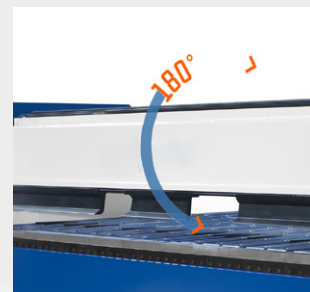
MSBM - SERVO CNC - Motorised swivel bending machine with NC control and swivelling upper beam

standard version:

- ▶ Clamping beam driven by servomotors and ball screw for a high yet adjustable clamping force
- ▶ 180° swivelling upper beam with two work stations - 125 mm high segmented crowbars and one-piece 30° sharpening rail
- ▶ Generous clear top beam opening of 250 mm
- ▶ One narrow and one wide continuous bending bar included in the scope of delivery (15 mm and 40 mm)
- ▶ Manual sheet thickness adjustment of the bending beam
- ▶ Front safety area secured via light curtain
- ▶ 3-way foot pedal for one-man operation
- ▶ Servomotorised rear stop with 1500 mm travel range with pneumatic, solid stop fingers and grooves in the bed support
- ▶ Large, rectangular support table in the rear area with integrated transfer balls for easy material handling
- ▶ User-friendly 15.6" touchscreen NC control unit on ergonomic swivel arm

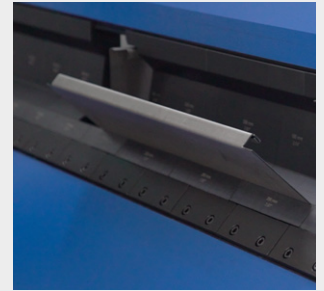
Special accessories

- ▶ Backgauge extensions with a length of 2500, 3200 or 4200 mm
- ▶ Different support table geometries. L-, T- or U-shape
- ▶ Graphic 2D or 3D controls
- ▶ Fast, servo-motorised sheet thickness adjustment of the bending beam
- ▶ Pneumatic upper tool clamping of the segmented crowbars
- ▶ Central, manual crowning system of the bending beam
- ▶ Segmentation of the bed support and/or bending bar
- ▶ Second foot pedal for two-man operation



MAIN FEATURE

Very high flexibility and time savings thanks to swivelling upper beam with two tool stations - segmented, high crowbar tool and continuous sharpening rail



Thanks to the swivelling upper beam, complex parts with circumferential bends with a side height of 125 mm and long profile sides can be produced quickly and conveniently without any effort



Very fast set-up times thanks to pneumatic tool clamping of the segmented upper tools (optional)



MSBM-SERVO C 2040 NC

Convince yourself of our capabilities and ask for individual advice!

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Model		MSBM-SERVO C 2040 NC	MSBM-SERVO C 2535 NC	MSBM-SERVO C 3230 NC	MSBM-SERVO C 4225 NC
Art. no.		4136200	4136250	4136320	4136420
Technical data					
Working width	mm	2040	2353	3230	4225
Bending capacity (400 N/mm ²)	mm	4	3.5	3	2.5
Bending capacity (700 N/mm ²)	mm	3	2.5	2	1.5
Bending capacity (235 N/mm ²)	mm	6	5	4	3.5
Total input power	kW	16.9	16.9	16.9	16.9
Dimensions (L x W x H) approx.	mm	3600 x 2300 x 2300	4100 x 2600 x 2300	4700 x 2600 x 2300	5700 x 2600 x 2300
Weight approx.	kg	6600	7100	8050	9450

Motorised bead bending machines

MSBM SERVO-NC -

Motorised bead bending machines with NC control

Standard version

- ▶ Clamping beam driven by servomotors and ball screw for a high but adjustable clamping force
- ▶ Clear upper beam opening of 180 mm
- ▶ One-piece sharp bending rail with 30°
- ▶ One narrow and one wide continuous bending bar included in the scope of delivery (15 mm and 40 mm)
- ▶ Manual sheet thickness adjustment of the bending beam
- ▶ Front safety area secured via light curtain
- ▶ 3-way foot pedal for one-man operation
- ▶ Motorised rear stop with 1000 mm travel range with solid stop fingers and grooves in the bed support
- ▶ Large, rectangular support table in the rear area with integrated transfer balls for easy material handling
- ▶ User-friendly 15.6" touchscreen NC control unit on ergonomic swivel arm

Special accessories

- ▶ Segmented, 100 mm high crowbar tools
- ▶ Backgauge extensions with a length of 2500, 3200 or 4200 mm
- ▶ Different support table geometries. L-, T- or U-shape
- ▶ Graphic 2D or 3D controls
- ▶ Fast, servo-motorised sheet thickness adjustment of the bending beam
- ▶ Pneumatic upper tool clamping
- ▶ Central, manual crowning system of the bending beam
- ▶ Segmentation of the bed support and/or bending bar
- ▶ Second foot pedal for two-man operation

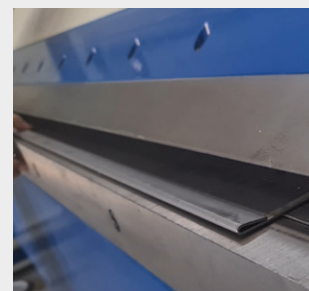


MAIN FEATURE

Heavy-duty design with 4 mm bending capacity and 3,200 mm working width



Folding capacity up to 2 mm on a working width of 3200 mm



Very high bending capacity thanks to the double-driven upper beam and bending beam



MSBM-SERVO 2050 NC

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ASK FOR YOUR PERSONALISED OFFER!

Model		MSBM-SERVO 2050 NC	MSBM-SERVO 2545 NC	MSBM-SERVO 3240 NC	MSBM-SERVO 4230 NC
Art. no.		4135200	4135250	4135320	4135420
Technical data					
Working width	mm	2050	2545	3240	4230
Bending capacity (400 N/mm ²)	mm	5	4.5	4	3
Bending capacity (700 N/mm ²)	mm	3.5	2.5	2.5	2
Bending capacity (235 N/mm ²)	mm	6.5	6	6	4
Total input power	kW	16.9	16.9	16.9	16.9
Dimensions (L x W x H) approx.	mm	3600 x 2300 x 1900	4100 x 2300 x 1900	4700 x 2500 x 1900	5700 x 2500 x 1900
Weight approx.	kg	4900	5400	6700	8050

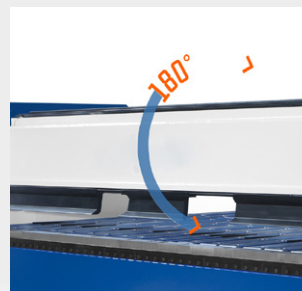
SERVO CNC -

Motorised bead bending machine with NC control and swivelling upper beam

► Standard version

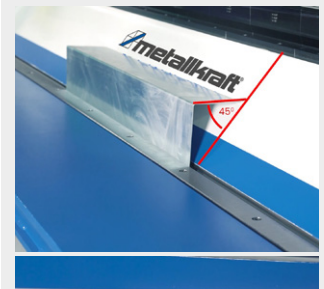
- Clamping beam with eccentric drive for fast clamping and opening cycle
- 180° swivelling upper beam with two work stations - 100 mm high segmented crowbars and one-piece 30° sharpening rail
- Large, clear upper beam opening with 200 mm
- One narrow and one wide continuous bending bar included in the scope of delivery (10 mm and 25 mm)
- Manual sheet thickness adjustment of the bending beam
- Back gauge extensions with a length of 1500, 2500, 3200 or 4200 mm
- Different support table geometries. L-, T- or U-shape
- Omega geometry of the lower and upper beam for maximum flexibility with bevelled sheet metal thanks to more free space for the workpiece
- Graphic 2D or 3D controls
- Fast, servo-motorised sheet thickness adjustment of the bending beam
- Pneumatic upper tool clamping of the segmented crowbars
- Central, manual crowning system of the bending beam
- Motorised two-axis rear stop for inclined position
- Manual adjustment of the rear stop fingers for inclined position

Special accessories

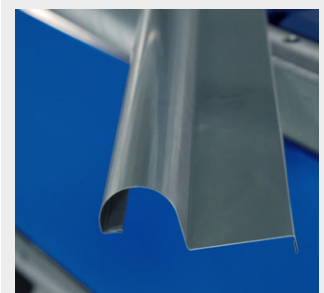


MAIN FEATURE

Very high flexibility and time savings thanks to swivelling upper beam with two tool stations - segmented, high crowbar tool and continuous sharpening rail



The 45° geometry on both sides of the rotating upper beam enables extremely flexible and simple production of narrow parts



Simple and fast production of radii thanks to step edging

ASK FOR YOUR PERSONALISED OFFER!

Model		MSBM C 2525 NC	MSBM C 3220 NC	MSBM C 4215 NC
Art. no.		4134250	4134320	4134420
Technical data				
Working width	mm	2525	3220	4215
Bending capacity (400 N/mm ²)	mm	2.5	2	1.5
Bending capacity (700 N/mm ²)	mm	1.5	1.2	1
Bending capacity (235 N/mm ²)	mm	3.5	1.2	2
Total input power	kW	5.7	5.7	5.7
Dimensions (LxWxH) approx.	mm	3830 x 2400 x 1900	4450 x 2400 x 1900	5450 x 2400 x 1900
Weight approx.	kg	4200	4600	5500

Motorised bead bending machines

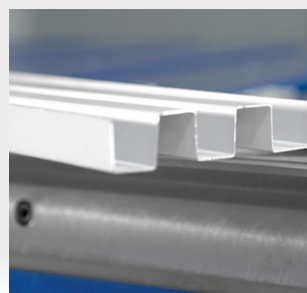
SERVO-NC -

Motorised bead bending machine with NC control and swivelling upper beam

Standard version

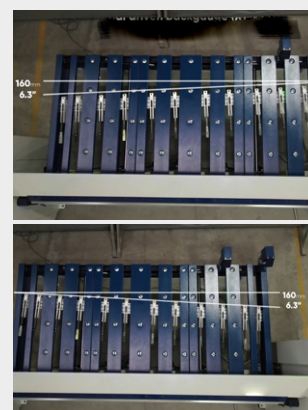
- ▶ Clamping beam with eccentric drive for fast clamping and opening cycle
- ▶ Large, clear upper beam opening with 220 mm
- ▶ One narrow and one wide continuous bending bar included in the scope of delivery (10 mm and 25 mm)
- ▶ Manual sheet thickness adjustment of the bending beam
- ▶ Front safety area secured via light curtain
- ▶ 3-way foot pedal for one-man operation
- ▶ Servomotorised rear stop with 1000 mm travel range with flat, rotating stop fingers - therefore no grooves in the support table for impression-free bending
- ▶ Large, rectangular support table in the rear area with integrated transfer balls for easy material handling
- ▶ User-friendly 15.6" touchscreen NC control on ergonomic swivel arm
- ▶ Back gauge extensions with a length of 1500, 2500, 3200 or 4200 mm
- ▶ Different support table geometries. L-, T- or U-shape
- ▶ Omega geometry of the bending beam and lower beam for maximum flexibility with bevelled sheet metal thanks to more free space for the workpiece
- ▶ Graphic 2D or 3D controls
- ▶ Fast, servo-motorised sheet thickness adjustment of the bending beam
- ▶ 90 mm or 110 mm high segmented crowbar tools to complement the sharpening rail
- ▶ Pneumatic upper tool clamping of the segmented crowbars
- ▶ Central, manual crowning system of the bending beam
- ▶ Motorised two-axis rear stop for inclined position
- ▶ Manual adjustment of the rear stop fingers for inclined position
- ▶ Second foot pedal for two-man operation

Special accessories

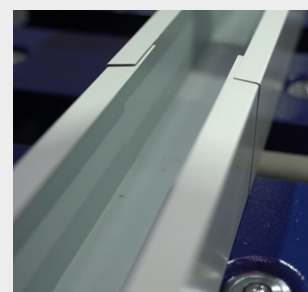


MAIN FEATURE

High cycle rate due to eccentric drive of the upper clamping beam



Angularly adjustable servomotorised rear stop enables the product range to be extended (optional)



The conical rear stop enables the production of interlocking telescopic profiles, for example



MSBM 2030 NC

ASK FOR YOUR PERSONALISED OFFER!

Model		MSBM 2030 NC	MSBM 2525 NC	MSBM 3220 NC	MSBM 4215 NC
Art. no.		4133200	4133250	4133320	4133420
Technical data					
Working width	mm	2030	2525	3220	4200
Bending capacity (400 N/mm ²)	mm	3	2.5	2	1.5
Bending capacity (700 N/mm ²)	mm	2	1.5	1.2	1
Bending capacity (235 N/mm ²)	mm	4	3.5	3	2
Total input power	kW	5.7	5.7	5.7	5.7
Dimensions (L x W x H) approx.	mm	3350 x 2400 x 1900	3830 x 2400 x 1900	4450 x 2400 x 1900	5450 x 2400 x 1900
Weight approx.	kg	3800	4050	4500	5350