

MSBM - Semi-motorised swivel bending machines in heavy-duty design with foot control

- ▶ Partially motorised design - manual operation of the upper beam, motorised bending process
- ▶ Developed for professional use
- ▶ With foot control
- ▶ Heavy, compact welded construction

- ▶ With continuous sharpening rail
- ▶ With manual adjustment of the bending angle using a scale ring as standard
- ▶ Particularly low maintenance

S models

- ▶ With segmented upper tools

SH models

- ▶ With tall, segmented goat's foot tools



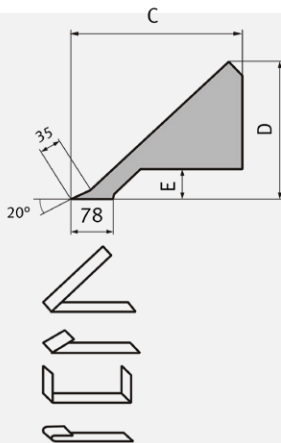
ASK FOR YOUR PERSONALISED OFFER!

Type	Segmentation MSBM S / MSBM SH
MSBM 1520-30 S / SH	25-30-35-40-45-50-75-100-150-220-250-500
MSBM 2020-25 S / SH	25-30-35-40-45-50-75-100-150-200-270-400-400
MSBM 2520-20 S / SH	25-30-35-40-45-50-75-100-150-200-270-400-400-500
MSBM 3020-15 S / SH	25-30-35-40-45-50-75-100-150-200-270-400-400-500-500

Further swing bending machines
available on request!

Model		MSBM 1520-30	MSBM2020-25	MSBM 2520-20	MSBM 3020-15
Art. no.		3779030	3779031	3779032	3779033
Model		MSBM 1520-30 S	MSBM 2020-25 S	MSBM 2520-20 S	MSBM 3020-15 S
Art. no.		3779040	3779041	3779042	3779043
Model		MSBM 1520-30 SH	MSBM 2020-25 SH	MSBM 2520-20 SH	MSBM 3020-15 SH
Art. no.		3779050	3779051	3779052	3779053
Technical data					
Working width	mm	1520	2020	2520	3020
bending performance (400N/mm ²) ⁽¹⁾	mm	3.0	2.5	2.0	1.5
Bending capacity (700 N/mm ²)	mm	2.0	1.75	1.25	1.0
Clearance between upper and lower rail max	mm	140	140	140	140
Output power	kW/V	1.1 / 400	1.1 / 400	1.1 / 400	1.1 / 400
Dimensions (L x W x H) approx.	mm	2475 x 560 x 1290	2975 x 560 x 1290	3475 x 560 x 1290	3975 x 560 x 1290
Weight approx.	kg	1060	1450	1780	2200

¹⁾ Performance data based on material with tensile strength 400 N/mm²; bending capacity stainless steel: Factor 0.65; bending capacity aluminium: Factor 1.4; optional tool required for bending VA



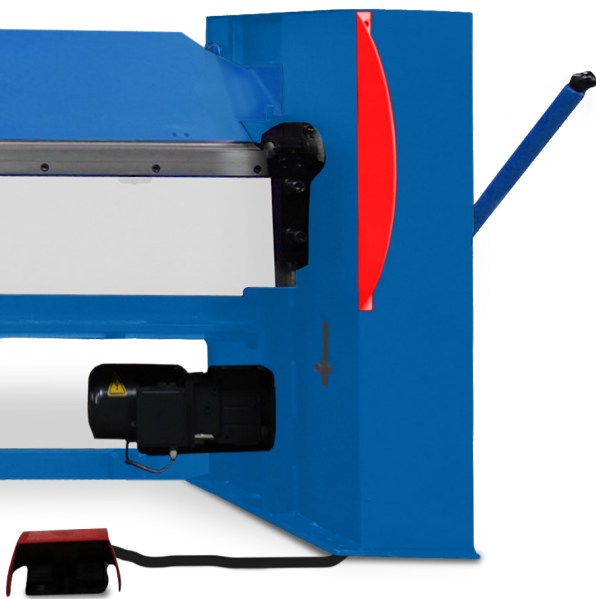
**Dimensions
Bending beam MSBM**

L	C	D	E
1500	340	305	49
2000	340	305	49
2500	345	310	49
3000	345	310	49

Width of the bending bar 20 mm

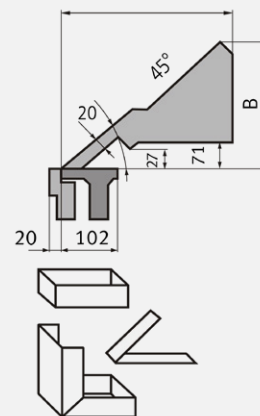


Serial control MA - manual adjustment of the bending angle using the scale ring on the left-hand side



Convince yourself of our capabilities and ask for individual advice!

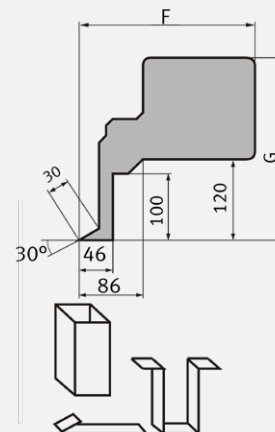
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**Dimensions
Bending beam MSBM S**

L	A	B
1500	360	335
2000	360	335
2500	370	340
3000	370	340

Width of the bending bar 20 mm



**Dimensions
Bending beam MSBM SH**

L	F	G
1500	290	320
2000	290	320
2500	310	340
3000	310	340

Width of the bending bar 20 mm

Tools for VA on request!
Sharpening rail and bending bar made of Toolox 33 / Segmented tools and bending bar made of Toolox 33 / Segmented goat's foot tools made of Toolox 33

Accessories MSBM 1520- 30 / S / SH	Art. no.
Rear stop 100 - 1000 mm, with two arms, T-slots and tilting cams	3797005
Rear stop 75 - 760 mm, with handwheel, measuring device and stop fingers	3797010
Option MSBM 1520-30 / S / SH (only ex works)	Art. no.
Roller shears for sheet thicknesses up to 0.8 mm	3797030
Rear stop 6 - 760 mm, with handwheel, measuring device and stop fingers	3797020

Accessories MSBM 2020- 25 / S / SH	Art. no.
Rear stop 100 - 1000 mm, with two arms, T-slots and tilting cams	3797006
Rear stop 75 - 760 mm, with handwheel, measuring device and stop fingers	3797011
Option MSBM 2020-25 / S / SH (only ex works)	Art. no.
Roller shears for sheet thicknesses up to 0.8 mm	3797031
Rear stop 6 - 760 mm, with handwheel, measuring device and stop fingers	3797021

Accessories MSBM 2520- 20 / S / SH	Art. no.
Rear stop 100 - 1000 mm, with two arms, T-slots and tilting cams	3797007
Rear stop 75 - 760 mm, with handwheel, measuring device and stop fingers	3797012
Option MSBM 2520-20 / S / SH (only ex works)	Art. no.
Roller shears for sheet thicknesses up to 0.8 mm	3797032
Rear stop 6 - 760 mm, with handwheel, measuring device and stop fingers	3797022

Accessories MSBM 3020- 15 / S / SH	Art. no.
Rear stop 100 - 1000 mm, with two arms, T-slots and tilting cams	3797008
Rear stop 75 - 760 mm, with handwheel, measuring device and stop fingers	3797013
Option MSBM 3020-15 / S / SH (only ex works)	Art. no.
Roller shears for sheet thicknesses up to 0.8 mm	3797033
Rear stop 6 - 760 mm, with handwheel, measuring device and stop fingers	3797023

Motorised bead bending machines

MSBM CS – Motorised bead bending machines, heavy-duty design with motorised drive for the upper and bending beams and segmented upper beam

- ▶ Foot operation enables positioning of the sheet with both hands
- ▶ Workpiece clamping and bending process are motorised via a chain drive
- ▶ Manual setting of the bending angle, reading of the angle on a scale ring
- ▶ Many bending options with segmented upper beam
- ▶ Precise movement of the clamping beam via large-dimensioned flat guides
- ▶ Heavy, robust welded construction

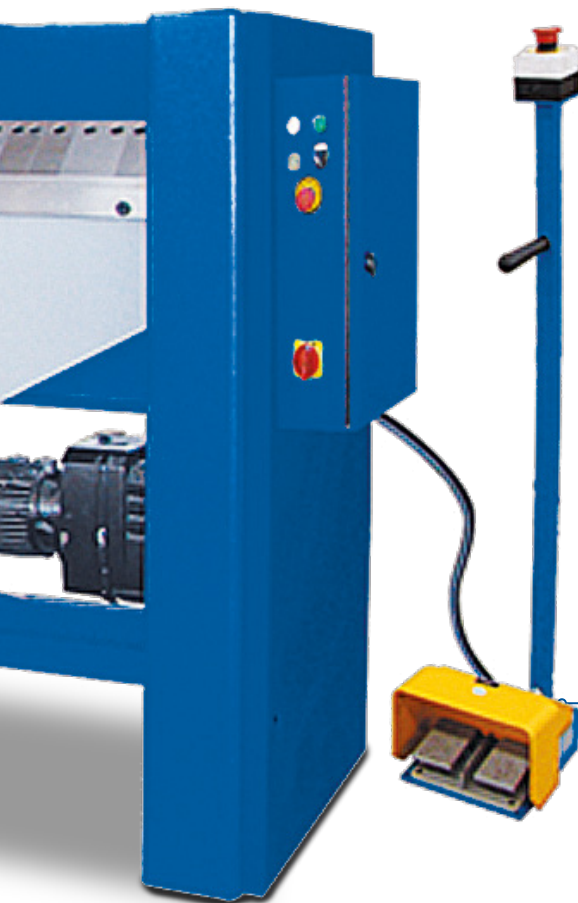


MSBM 3020-10 CS

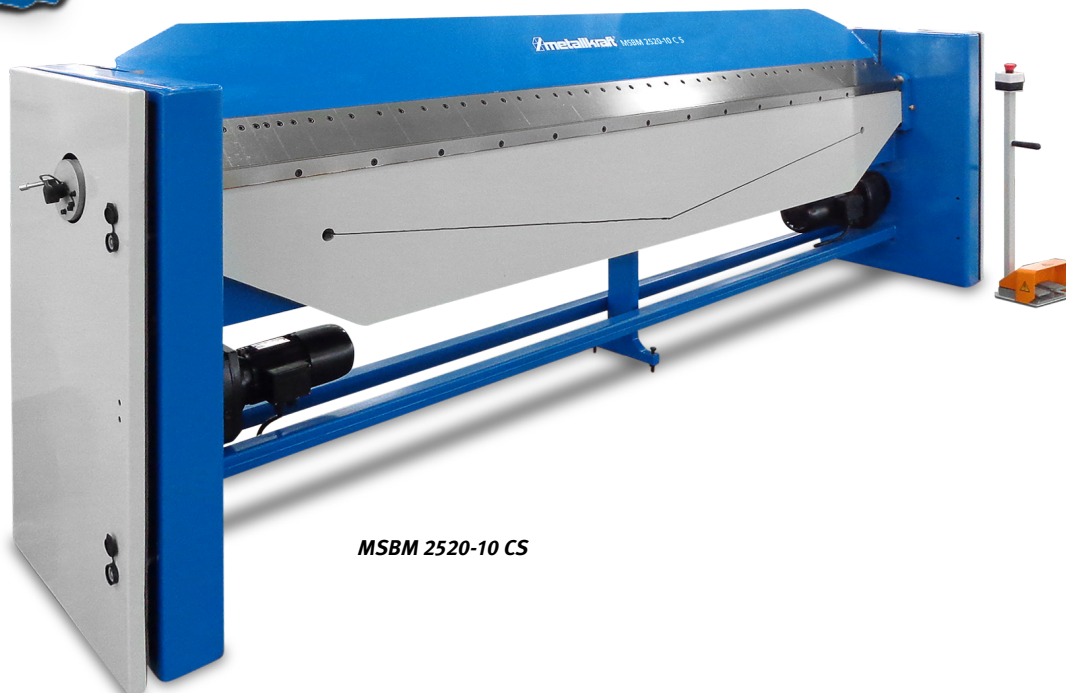
Type	Segmentation MSBM CS
MSBM 2020-15 CS	25-30-35-40-45-50-75-100-150-200-200-270-400-400
MSBM 2520-10 CS	25-30-35-40-45-50-75-100-100-150-200-200-270-400-400-400
MSBM 3020-10 CS	25-30-35-40-45-50-75-100-150-200-200-200-270-400-400-400-400

Further swing bending machines available on request!

Model		MSBM 2020-15 CS	MSBM 2520-10 CS	MSBM 3020-10 CS
Art. no.		3772940	3772945	3772950
Technical data				
Working width max.	mm	2020	2520	3020
Bending capacity (400 N/mm ²)	mm	1.5	1.0	1.0
Bending capacity (600 N/mm ²)	mm	0.8	0.5	0.5
Durchgang zwischen oberer und unterer Wange max.	mm	100	100	100
Bending angle max.	mm	135	135	135
Cheek absorption capacity	kW	0.55	0.55	0.55
Bending capacity	kW	1	1	1
Engine power cheek	kW	0.37	0.37	0.37
Motor power bending	kW	0.75	0.75	0.75
Electrical connection ~ 50 Hz	kW	400	400	400
Dimensions (L x W x H) approx.	mm	2680 x 640 x 1100	3180 x 640 x 1100	3680 x 640 x 1140
Weight approx.	kg	965	1310	1630



- ▶ Workpiece clamping and bending motorised via foot switch
- ▶ Manual adjustment of the bending angle



MSBM 2520-10 CS

Rear stop accessories	Art. no.
for MSBM 2020-15 CS	3772941
for MSBM 2520-10 CS	3772946
for MSBM 3020-10 CS	3772951

MSBM PRO – Heavy-duty motorised round bending machines for sheet thicknesses up to 1.75 mm

- ▶ Suitable for sheet thicknesses up to 1.75 mm
- ▶ With foot control
- ▶ Heavy, compact welded construction
- ▶ Powerful drive with Lenze motors
- ▶ With continuous sharpening rail

- ▶ Standard with manual adjustment of the bending angle
- ▶ Particularly low maintenance
- ▶ The workpiece is clamped motorised via foot pedal

S models

- ▶ With segmented upper tools

SH models

- ▶ With tall, segmented goat's foot tools



MSBM 2020-15 PRO S

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Further swing bending machines available on request!

Type	Segmentation MSBM PRO S / SH
MSBM 1520-17 PRO S / SH	25-30-35-40-45-50-75-100-150-200-250-500
MSBM 2020-15 PRO S / SH	25-30-35-40-45-50-75-100-150-200-270-400-500
MSBM 2520-12 PRO S / SH	25-30-35-40-45-50-75-100-150-200-270-400-500
MSBM 3020-10 PRO S / SH	25-30-35-40-45-50-75-100-150-200-270-400-500

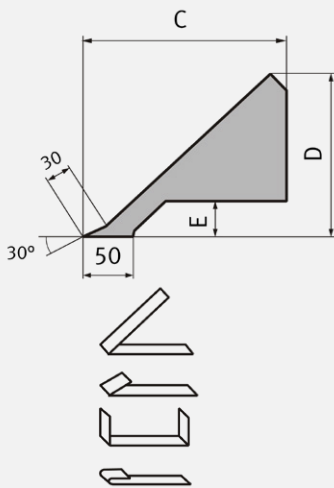
Model	MSBM 1520-17 PRO	MSBM 2020-15 PRO	MSBM 2520-12 PRO	MSBM 3020-10 PRO
Art. no.	3779060	3779061	3779062	3779063

Model	MSBM 1520-17 PRO S	MSBM 2020-15 PRO S	MSBM 2520-12 PRO S	MSBM 3020-10 PRO S
Art. no.	3779070	3779071	3779072	3779073

Model	MSBM 1520-17 PRO SH	MSBM 2020-15 PRO SH	MSBM 2520-12 PRO SH	MSBM 3020-10 PRO SH
Art. no.	3779080	3779081	3779082	3779083

Technical data					
Working width	mm	1520	2020	2520	3020
Bending capacity (400 N/mm ²)	mm	1.75	1.5	1.25	1.0
Clearance between upper and lower rail max	mm	110	110	110	110
Dimensions (L x W x H) approx.	mm	2150 x 700 x 1100	2650 x 700 x 1100	3150 x 700 x 1100	3650 x 700 x 1100
Weight approx.	kg	810	1050	1290	1610

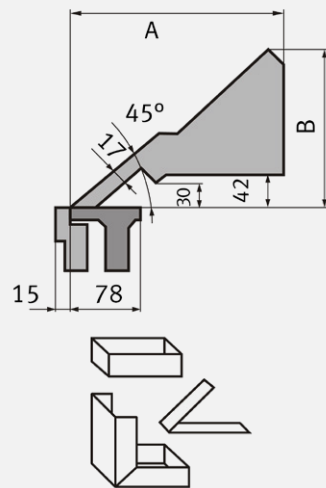
1) Performance data based on material with tensile strength 400 N/mm²; bending capacity stainless steel: Factor 0.65; bending capacity aluminium: Factor 1.4; optional tool required for bending VA



**Dimensions
Bending beam MSBM**

L	C	D	E
1500	225	200	44
2000	258	232	44
2500	258	232	44
3000	262	232	44

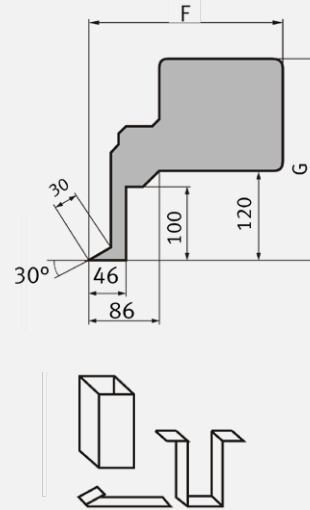
Width of the bending bar 15 mm



**Dimensions
Bending beam MSBM S**

L	A	B
1500	258	215
2000	258	215
2500	310	265
3000	343	303

Width of the bending bar 15 mm



**Dimensions
Bending beam MSBM SH**

L	F	G
1500	270	300
2000	290	320
2500	290	320
3000	290	320

Width of the bending bar 15 mm



Serial control MA - manual adjustment of the bending angle using the scale ring on the left-hand side



Optional PT1 control – convenient manual adjustment of the bending angle via potentiometer on the front of the machine

Option all models (ex works only)

PT 1 control unit, bending angle adjustment via potentiometer on the front of the machine
Schneider NC1 control unit, bending angle setting via touchscreen on NC control unit, edge sequences can be saved

Art. no.

3797160
3797500

Tools for VA on request!

Sharpening rail and bending bar made of Toolox 33 /
Segmented tools and bending bar made of Toolox 33 /
Segmented goat's foot tools made of Toolox 33

Accessories MSBM 1520- 17 PRO/ S/ SH

Rear stop 100 - 1000 mm, with two arms, T-slots and tilting cams
Rear stop 75 - 760 mm, with handwheel, measuring device and stop fingers

Art. no.

3797005
3797010

Options (ex works only)

Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm
PUD control, bending angle adjustment via PT 1 potentiometer, motorised rear stop with stop fingers and digital position indicator, 10 - 1000 mm
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, edge sequences can be saved

Art. no.

3797020
3797040
3797511

Accessories MSBM 2520- 12 PRO/ S/ SH

Rear stop 100 - 1000 mm, with two arms, T-slots and tilting cams
Rear stop 75 - 760 mm, with handwheel, measuring device and stop fingers

Art. no.

3797007
3797012

Options (ex works only)

Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm
PUD control, bending angle adjustment via PT 1 potentiometer, motorised rear stop with stop fingers and digital position indicator, 10 - 1000 mm
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, edge sequences can be saved

Art. no.

3797022
3797042
3797513

Accessories MSBM 2020- 15 PRO/ S/ SH

Rear stop 100 - 1000 mm, with two arms, T-slots and tilting cams
Rear stop 75 - 760 mm, with handwheel, measuring device and stop fingers

Art. no.

3797006
3797011

Options (ex works only)

Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm
PUD control, bending angle adjustment via PT 1 potentiometer, motorised rear stop with stop fingers and digital position indicator, 10 - 1000 mm
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, edge sequences can be saved

Art. no.

3797021
3797041
3797512

Accessories MSBM 3020- 10 PRO/ S/ SH

Rear stop 100 - 1000 mm, with two arms, T-slots and tilting cams
Rear stop 75 - 760 mm, with handwheel, measuring device and stop fingers

Art. no.

3797008
3797013

Options (ex works only)

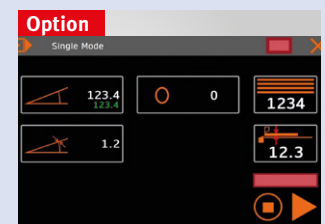
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm
PUD control, bending angle adjustment via PT 1 potentiometer, motorised rear stop with stop fingers and digital position indicator, 10 - 1000 mm
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, edge sequences can be saved

Art. no.

3797023
3797043
3797514



Optional PUD control with digital display, manual adjustment of the bending angle and adjustable motorised rear stop



Optional control Schneider NC1, bending angle and correction via touchscreen, edge sequence can be saved

MSBM PRO – Heavy-duty motorised round bending machines for sheet thicknesses up to 3.5 mm

- ▶ Suitable for sheet thicknesses up to 3.5 mm
- ▶ With foot control
- ▶ Heavy, compact welded construction
- ▶ Powerful drive with Lenze motors
- ▶ With continuous sharpening rail

- ▶ Standard with manual adjustment of the bending angle
- ▶ Particularly low maintenance
- ▶ The workpiece is clamped by motor

S models

- ▶ With segmented upper tools

SH models

- ▶ With tall, segmented goat's foot tools



MSBM 3020-15 PRO
with optional NC1 control unit

ASK FOR YOUR PERSONALISED OFFER!

! Version with segmented bending rail and/or segmented support rail available on request!

Type	Segmentation MSBM PRO S / SH
MSBM 1020-30 PRO S / SH	25-30-35-40-45-50-75-100-150-220-250
MSBM 1520-30 PRO S / SH	25-30-35-40-45-50-75-100-150-220-250-500
MSBM 2020-25 PRO S / SH	25-30-35-40-45-50-75-100-150-200-270-400-500
MSBM 2520-20 PRO S / SH	25-30-35-40-45-50-75-100-150-200-270-400-500
MSBM 3020-15 PRO S / SH	25-30-35-40-45-50-75-100-150-200-270-400-500-500

**More swing bending machines
available on request!**

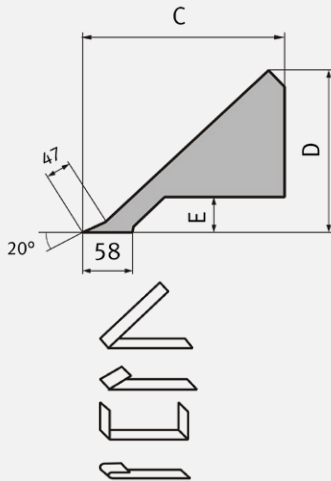
Model	MSBM 1020-35 PRO	MSBM 1520-30 PRO	MSBM 2020-25 PRO	MSBM 2520-20 PRO	MSBM 3020-15 PRO
Art. no.	3779089	3779090	3779091	3779092	3779093

Model	MSBM 1020-35 PRO S	MSBM 1520-30 PRO S	MSBM 2020-25 PRO S	MSBM 2520-20 PRO S	MSBM 3020-15 PRO S
Art. no.	3779099	3779100	3779101	3779102	3779103

Model	MSBM 1020-35 PRO SH	MSBM 1520-30 PRO SH	MSBM 2020-25 PRO SH	MSBM 2520-20 PRO SH	MSBM 3020-15 PRO SH
Art. no.	3779109	3779110	3779111	3779112	3779113

Technical data						
Working width	mm	1020	1520	2020	2520	3020
Bending capacity (400 N/mm ²)	mm	3.5	3.0	2.5	2.0	1.5
Passage between upper + lower cheek max. (Pro / Pro S)	mm	140	140	140	140	140
Passage between upper + lower cheek max. (PRO SH)	mm	70	70	70	70	70
Power consumption Wange	kW	0.75	0.75	0.75	0.75	0.75
Power consumption Bending	kW	1.1	1.1	1.1	1.1	1.1
Electrical connection ~ 50 Hz	V	400	400	400	400	400
Dimensions (L x W x H) approx.	mm	1350 x 710 x 1160	2350 x 710 x 1160	2850 x 710 x 1160	3350 x 710 x 1160	3850 x 710 x 1160
Weight approx.	kg	860	1060	1380	1780	2200

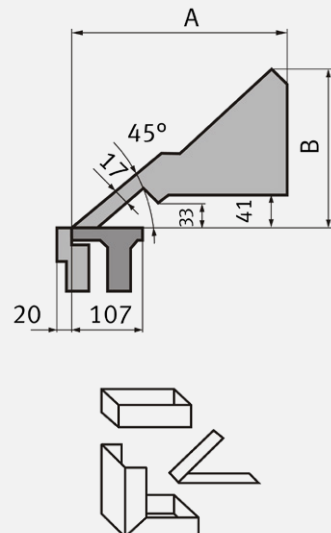
1) Performance data based on material with tensile strength 400 N/mm²; bending capacity stainless steel: Factor 0.65; bending capacity aluminium: Factor 1.4; optional tool required for bending VA



**Dimensions
Bending beam MSBM**

L	C	D	E
1000	380	338	52
1500	380	338	52
2000	360	338	52
2500	360	338	52
3000	360	338	52

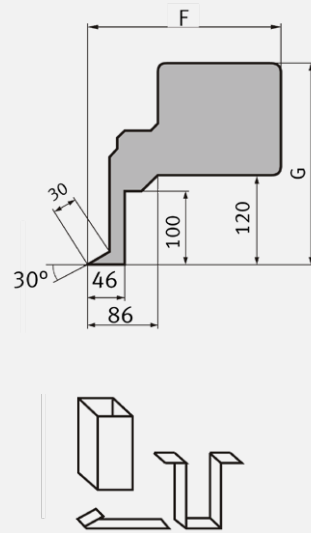
Width of the bending bar 20 mm



**Dimensions
Bending beam MSBM S**

L	A	B
1000	350	310
1500	350	310
2000	350	310
2500	355	315
3000	355	315

Width of the bending bar 20 mm



**Dimensions
Bending beam MSBM SH**

L	F	G
1000	270	300
1500	290	320
2000	290	320
2500	310	340
3000	310	340

Width of the bending bar 20 mm



Serial control MA - manual adjustment of the bending angle using the scale ring on the left-hand side



Optional PT1 control – convenient manual adjustment of the bending angle via potentiometer on the front of the machine

Tools for VA on request!
Sharpening rail and bending bar made of Toolox 33 /
Segmented tools and bending bar made of Toolox 33 /
Segmented goat's foot tools made of Toolox 33

Option all models (ex works only)	Art. no.
PT 1 control unit, bending angle adjustment via potentiometer on the front of the machine	3797160
Schneider NC1 control unit, bending angle setting via touchscreen on NC control unit, edge sequences can be saved	3797500

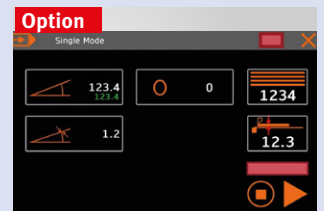
Accessories MSBM 1020- 35 PRO/ S/ SH	
Rear stop with two arms, T-slots and tilting cams, 100–1000 mm	3797005
Rear stop 75 - 760 mm, with handwheel, measuring device and stop fingers	3797010
Option MSBM 1020-35 / S / SH (only ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797020
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, edge sequences can be saved, 10 - 1000 mm, saving edge sequences possible	3797510

Accessories MSBM 1520- 30 PRO/ S/ SH	
Rear stop with two arms, T-slots and tilting cams, 100–1000 mm	3797005
Rear stop 75 - 760 mm, with handwheel, measuring device and stop fingers	3797010
Option MSBM 1520-30 PRO / S / SH (nur ab Werk)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797020
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797511

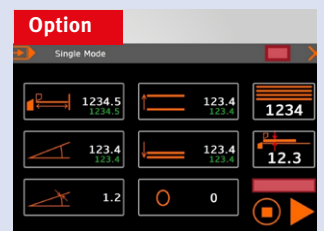
Accessories MSBM 2020- 25 PRO/ S/ SH	
Rear stop with two arms, T-slots and tilting cams, 100–1000 mm	3797006
Rear stop 75 - 760 mm, with handwheel, measuring device and stop fingers	3797011
Option MSBM 2020-25 / S / SH (only ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797021
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, edge sequences can be saved, 10 - 1000 mm, saving edge sequences possible	3797512

Accessories MSBM 2520- 20 PRO/ S/ SH	
Rear stop with two arms, T-slots and tilting cams, 100–1000 mm	3797007
Rear stop 75 - 760 mm, with handwheel, measuring device and stop fingers	3797012
Option MSBM 2520-20 / S / SH (only ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797022
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797513

Accessories MSBM 3020- 15 PRO/ S/ SH	
Rear stop with two arms, T-slots and tilting cams, 100–1000 mm	3797008
Rear stop 75 - 760 mm, with handwheel, measuring device and stop fingers	3797013
Option MSBM 3020-15 / S / SH (only ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797023
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797514



Schneider NC1 control, bending angle and correction via touchscreen, edge sequence can be saved



Optional Schneider NC2 control unit: Optional motorised rear stop- 1000 mm with NC 2 control. The rear stop is designed as a solid support table with stop fingers driven by ball screws. The Schneider Magelis control system has been expanded here and enables easy positioning of the rear stop and clamping jaw. The programme memory remains the same.

MSBM PRO – Heavy-duty motorised round bending machines for sheet thicknesses up to 4.0 mm

- ▶ Suitable for sheet thicknesses up to 4.0 mm
- ▶ With foot control
- ▶ Heavy, compact welded construction
- ▶ Powerful drive with Lenze motors
- ▶ With continuous sharpening rail
- ▶ Standard with manual adjustment of the bending angle
- ▶ Particularly low maintenance
- ▶ The workpiece is clamped by motor

SH models

- ▶ With tall, segmented goat's foot tools

Serial control MA - - manual adjustment of the bending angle using the scale ring on the left-hand side

Convince yourself of our capabilities and ask for individual advice!

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MSBM 3020-20 PRO SH
with optional PT 1 control

Models in **DUO version** Available with continuous sharp bending rail and segmented goat foot tools on request

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Type	Segmentation MSBM PRO SH
MSBM 1220-40 PRO SH	25-30-35-40-45-75-100-150-220-500
MSBM 1520-35 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500
MSBM 2020-30 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500
MSBM 2520-25 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500-500
MSBM 3020-20 PRO SH	25-30-35-40-45-50-75-100-150-220-250-400-400-500-500

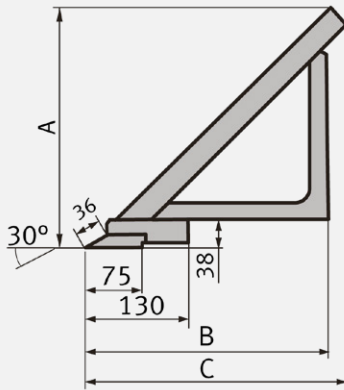
! Version with segmented bending rail and/or segmented support rail available on request!

Model	MSBM 1270-40 PRO	MSBM 1520-35 PRO	MSBM 2020-30 PRO	MSBM 2520-25 PRO	MSBM 3020-20 PRO
Art. no.	3779119	3779120	3779121	3779122	3779123

Model	MSBM 1020-35 PRO SH	MSBM 1520-17 PRO SH	MSBM 2020-15 PRO SH	MSBM 2520-12 PRO SH	MSBM 3020-10 PRO SH
Art. no.	3779129	3779130	3779131	3779132	3779133

Technical data						
Working width	mm	1270	1520	2020	2520	3020
Bending capacity (400 N/mm ²)	mm	4.0	3.5	3.0	2.5	2.0
Clearance between upper and lower rail max. (per)	mm	200	200	200	200	200
Clearance between upper and lower rail max. (per SH)	mm	90	90	90	90	90
Power consumption Wange	kW	0.75	0.75	0.75	0.75	0.75
Power consumption Bending	kW	3.0	3.0	3.0	3.0	3.0
Electrical connection ~ 50 Hz	V	400	400	400	400	400
Dimensions (L x W x H) approx.	mm	2190 x 1070 x 1530	2345 x 1100 x 1560	2935 x 1100 x 1560	3435 x 1100 x 1560	3935 x 1100 x 1560
Weight approx.	kg	2300	2700	3050	3600	4300

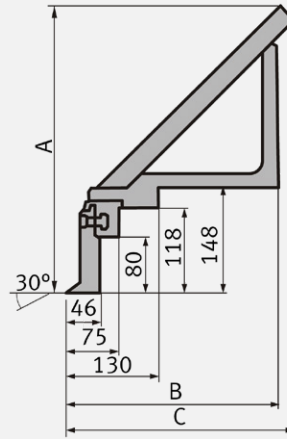
1) Performance data based on material with tensile strength 400 N/mm²; bending capacity stainless steel: Factor 0.65; bending capacity aluminium: Factor 1.4; optional tool required for bending VA



**Dimensions
Bending beam MSBM**

L	A	B	C
1200	300	300	325
1500	300	300	325
2000	365	370	400
2500	400	370	435
3000	435	415	470

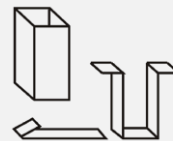
Width of the bending bar 25 mm



**Dimensions
Bending beam MSBM SH**

L	A	B	C
1200	410	300	325
1500	410	300	325
2000	475	370	400
2500	510	370	400
3000	545	415	470

Width of the bending bar 25 mm



Tools for VA on request!

- Sharpening rail and bending bar made of Toolox 33 /
- Segmented tools and bending bar made of Toolox 33 /
- Segmented goat's foot tools made of Toolox 33

Option all models (ex works only)

Art. no.
PT 1 control unit, bending angle adjustment via potentiometer on the front of the machine
3797160
Schneider NC1 control unit, bending angle setting via touchscreen on NC control unit, edge sequences can be saved
3797500

Accessories MSBM 1220- 40 PRO/ SH

Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm
3797005

Option MSBM 1220-40 PRO / SH (ex works)

Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797010
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797530
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers, 10 - 1000 mm	3797540

Accessories MSBM 1520- 35 PRO/ SH

Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm
3797010

Option MSBM 1520-35 PRO / SH (ex works)

Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797020
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797531
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797541

Accessories MSBM 2020- 30 PRO/ SH

Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm
3797011

Option MSBM 2020-30 PRO / SH (ex works)

Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797021
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797532
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797542

Accessories MSBM 2520- 25 PRO/ SH

Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm
3797012

Option MSBM 2520-25 PRO / SH (ex works)

Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797022
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797533
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797543

Accessories MSBM 3020- 20 PRO/ SH

Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm
3797013

Option MSBM 3020-20 PRO / SH (ex works)

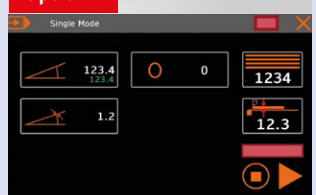
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797023
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 15 - 1000 mm, bending sequences can be saved	3797534
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797544

Option



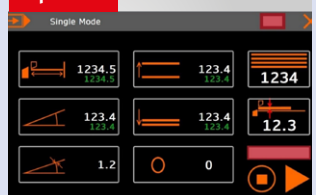
Optional PT1 control – convenient manual adjustment of the bending angle via potentiometer on the front of the machine

Option



Schneider NC1 control, bending angle and correction via touchscreen, edge sequence can be saved

Option



Optional Schneider NC2 control unit: Optional motorised rear stop- 1000 mm with NC 2 control. The rear stop is designed as a solid support table with stop fingers driven by ball screws. The Schneider Magelis control system has been expanded here and enables easy positioning of the rear stop and clamping jaw. The programme memory remains the same.

Option



Optional CNC control with 3D graphics, the profiles are drawn by the operator on a large 19" touchscreen, all axis positions and the bending sequence are calculated by the control, motorised rear stop with stop fingers, travel range 10-1000 mm

MSBM PRO – Heavy-duty motorised round bending machines for sheet thicknesses up to 5.0 mm

- ▶ Powerful and quiet drive via LENZE geared motors with brake
- ▶ Compact, heavy and stress-free welded steel construction
- ▶ Sharp bending rail made of C50 tool steel on the clamping beam
- ▶ Continuous, replaceable bed support made of C50 tool steel
- ▶ Continuous bending rail made of C50 tool steel on the bending beam
- ▶ Automatic pressure regulation of the clamping beam via motor current pick-up
- ▶ Drive of the clamping beam via generously dimensioned trapezoidal threaded spindles
- ▶ Bending angle adjustment PT 1 via potentiometer on the front of the machine (right)
- ▶ Manually fine-adjustable bending beam with scale
- ▶ Manual crowning via pressure screws in the bending beam
- ▶ Foot remote control with emergency stop function
- ▶ All moving parts mounted on low-maintenance bearings
- ▶ Electrical components from Schneider or Omron
- ▶ **SH-Models** with tall, segmented goat's foot tools



MSBM 220-40 PRO SH
with optional bending angle control NC 1

Models in **DUO version** Available with continuous sharp bending rail and segmented goat foot tools on request

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Type	Segmentation MSBM PRO SH
MSBM 1520-50 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500
MSBM 2020-30 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500
MSBM 2020-40 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500
MSBM 2520-35 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500
MSBM 3020-30 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500-500
MSBM 4020-20 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500-500-500-500

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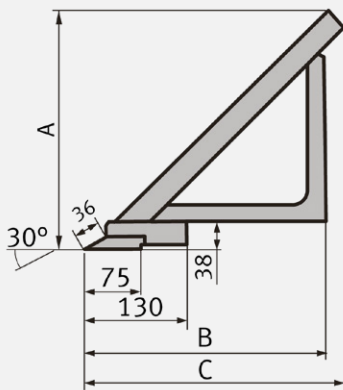
! Version with segmented bending rail and/or segmented support rail available on request!

Model	MSBM 1520-50 PRO	MSBM 2020-40 PRO	MSBM 2520-35 PRO	MSBM 3020-30 PRO	MSBM 4020-20 PRO
Art. no.	3779128	3779124	3779125	3779126	3779127

Model	MSBM 1520-50 PRO SH	MSBM 2020-40 PRO SH	MSBM 2520-35 PRO SH	MSBM 3020-30 PRO SH	MSBM 4020-20 PRO SH
Art. no.	3779138	3779134	3779135	3779136	3779137

Technical data						
Working width	mm	1520	2020	2520	3020	4020
Bending capacity (400 N/mm ²)	mm	5.0	4.0	3.5	3.0	2.0
Clearance between upper and lower rail max. (per)	mm	200	200	200	200	90
Clearance between upper and lower rail max. (per SH)	mm	200	90	90	90	90
Power consumption Wange	kW	1.1	1.1	1.1	1.1	1.1
Power consumption Bending	kW	4.0	4.0	4.0	4.0	4.0
Electrical connection ~ 50 Hz	V	400	400	400	400	
Dimensions (L x W x H) approx.	mm	2345 x 1100 x 1560	3020 x 1100 x 1560	3620 x 1100 x 1560	4020 x 1100 x 1560	5200 x 1100 x 1560
Weight approx. per/per SH	kg	3400 / 3250	3900	4500	6200	7250 / 7000

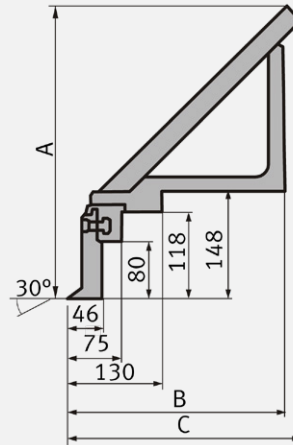
1) Performance data based on material with tensile strength 400 N/mm²; bending capacity stainless steel: Factor 0.65; bending capacity aluminium: Factor 1.4; optional tool required for bending VA



**Dimensions
Bending beam MSBM**

L	A	B	C
1500	390	395	415
2000	390	395	415
2500	460	445	485
3000	460	445	485
4000	485	470	510

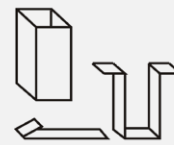
Width of the bending bar 25 mm



**Dimensions
Bending beam MSBM SH**

L	A	B	C
1500	500	395	415
2000	500	395	415
2500	570	445	485
3000	570	445	485
4000	595	470	510

Width of the bending bar 25 mm



Tools for VA on request!

- Sharpening rail and bending bar made of Toolox 33 /
- Segmented tools and bending bar made of Toolox 33 /
- Segmented goat's foot tools made of Toolox 33

Option all models (ex works only)	Art. no.
PT 1 control unit, bending angle adjustment via potentiometer on the front of the machine	3797160
Schneider NC1 control unit, bending angle setting via touchscreen on NC control unit, edge sequences can be saved	3797500

Accessories MSBM 1520- 50 PRO/ SH	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797010
Option MSBM 1520-50 PRO / SH (ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797020
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797560
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers, 10 - 1000 mm	3797570

Accessories MSBM 2020- 40 PRO/ SH	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797011
Option MSBM 2020-40 PRO / SH (ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797021
PT 1 control unit, bending angle adjustment via potentiometer on the front of the machine	3797160
Schneider NC1 control unit, bending angle setting via touchscreen on NC control unit, edge sequences can be saved	3797500
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797561
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797571

Accessories MSBM 2520- 35 PRO/ SH	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797012
Option MSBM 2520-35 PRO / SH (ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797022
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797562
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797572

Accessories MSBM 3020- 30 PRO/ SH	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797013
Option MSBM 3020-30 PRO / SH (ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797023
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797563
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797573

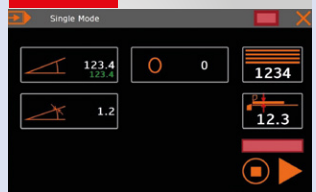
Accessories MSBM 4020- 20 PRO/ SH	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797014
Option MSBM 4020-20 PRO / SH (ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797024
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797564
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797574

Option



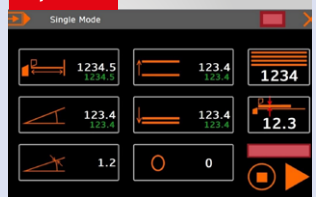
Optional PT1 control – convenient manual adjustment of the bending angle via potentiometer on the front of the machine

Option



Schneider NC1 control, bending angle and correction via touchscreen, edge sequence can be saved

Option



Optional Schneider NC2 control unit: Optional motorised rear stop- 1000 mm with NC 2 control. The rear stop is designed as a solid support table with stop fingers driven by ball screws. The Schneider Magelis control system has been expanded here and enables easy positioning of the rear stop and clamping jaw. The programme memory remains the same.

Option



Optional CNC control with 3D graphics, the profiles are drawn by the operator on a large 19" touchscreen, all axis positions and the bending sequence are calculated by the control, motorised rear stop with stop fingers, travel range 10-1000 mm

MSBM PRO –Heavy-duty motorised bending machines with motorised clamping of the workpiece for sheet thicknesses up to 5.0 mm

- ▶ Powerful and quiet drive via LENZE geared motors with brake
- ▶ Compact, heavy and stress-free welded steel construction
- ▶ Sharp bending rail made of C50 tool steel on the clamping beam
- ▶ Continuous, replaceable bed support made of C50 tool steel
- ▶ Continuous bending rail made of C50 tool steel on the bending beam

- ▶ Automatic pressure regulation of the clamping beam via motor current pick-up
- ▶ Drive of the clamping beam via generously dimensioned trapezoidal threaded spindles
- ▶ Bending angle adjustment PT 1 via potentiometer on the front of the machine (right)
- ▶ Manually fine-adjustable bending beam with scale
- ▶ Manual crowning via pressure screws in the

- bending beam
- ▶ Foot remote control with emergency stop function
- ▶ All moving parts mounted on low-maintenance bearings
- ▶ Electrical components from Schneider or Omron
- ▶ With segmented casting foot tools

Storage equipment Scope of delivery:

- › Hardened tools
- › PT 1 control unit
- › Backgauge 6 - 760 mm, with handwheel, measuring device and stop fingers
- › Quick clamping for upper tool



MSBM 220-40 PRO SH
with optional NC 1 control

Models in **DUO version** Available with continuous sharp bending rail and segmented goat foot tools on request

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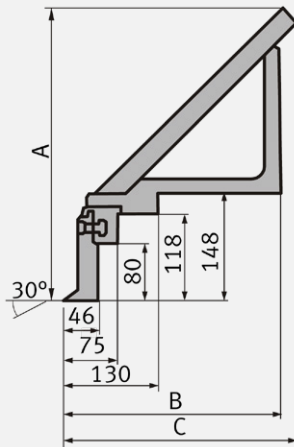


! Version with segmented bending rail and/or segmented support rail available on request!

Type	Segmentation MSBM PRO SH
MSBM 2020-30 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500
MSBM 2020-40 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500
MSBM 2520-35 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500

Model		MSBM 2020-30 PRO SH	MSBM 2020-40 PRO SH	MSBM 2520-35 PRO SH
Art. no.		37791311	37791341	37791351
Technical data				
Working width	mm	2020	2020	2520
Bending capacity (400 N/mm ²)	mm	3.0	4.0	3.5
Passage between upper + lower cheek max.	mm	90	90	90
Power consumption Wange	kW	1.1	1.1	1.1
Power consumption Bending	kW	4.0	4.0	4.0
Electrical connection ~ 50 Hz	V	400	400	400
Dimensions (L x W x H) approx.	mm	2935 x 1100 x 1560	3020 x 1100 x 1560	3620 x 1100 x 1560
Weight approx.	kg	3050	3900	4500

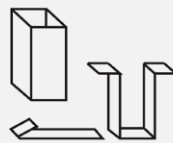
1) Performance data based on material with tensile strength 400 N/mm²; bending capacity stainless steel: Factor 0.65; bending capacity aluminium: Factor 1.4; optional tool required for bending VA



Dimensions
Bending beam MSBM SH

L	A	B	C
1500	500	395	415
2000	500	395	415
2500	570	445	485
3000	570	445	485
4000	595	470	510

Width of the bending bar 25 mm



Option all models (ex works only)

	Art. no.
PT 1 control unit, bending angle adjustment via potentiometer on the front of the machine	3797160
Schneider NC1 control unit, bending angle setting via touchscreen on NC control unit, edge sequences can be saved	3797500

MSBM 2020-30 PRO SH / MSBM 2020-40 PRO SH

	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797011

Option MSBM 2020-30 PRO SH / MSBM 2020-40 PRO SH (only ex works)

Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797021
PT 1 control unit, bending angle adjustment via potentiometer on the front of the machine	3797160
Schneider NC1 control unit, bending angle setting via touchscreen on NC control unit, edge sequences can be saved	3797500
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797561

Tools for VA on request!

- Sharpening rail and bending bar made of Toolox 33 /
- Segmented tools and bending bar made of Toolox 33 /
- Segmented goat's foot tools made of Toolox 33

CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797571
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Accessories MSBM 2520- 35 PRO SH

	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797012
Option MSBM 2520-35 PRO SH (ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797022
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797562
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797572

Option



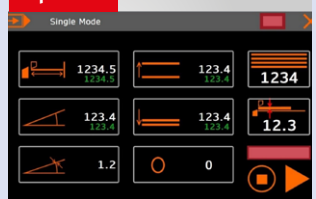
Optional PT1 control – convenient manual adjustment of the bending angle via potentiometer on the front of the machine

Option



Schneider NC1 control, bending angle and correction via touchscreen, edge sequence can be saved

Option



Optional Schneider NC2 control unit: Optional motorised rear stop- 1000 mm with NC 2 control. The rear stop is designed as a solid support table with stop fingers driven by ball screws. The Schneider Magelis control system has been expanded here and enables easy positioning of the rear stop and clamping jaw. The programme memory remains the same.

Option



Optional CNC control with 3D graphics, the profiles are drawn by the operator on a large 19" touchscreen, all axis positions and the bending sequence are calculated by the control, motorised rear stop with stop fingers, travel range 10-1000 mm

MSBM PRO – Heavy-duty motorised round bending machines for sheet thicknesses up to 7.0 mm

- Suitable for sheet thicknesses up to 7.0 mm
- With foot control
- Heavy, compact welded construction
- Powerful drive with Lenze motors
- With continuous sharpening rail
- Comes standard with bending tools made of Toolox 33 for bending stainless steel

- Standard with manual adjustment of the bending angle
- Particularly low maintenance
- The workpiece is clamped by motor

SH models

- With tall, segmented goat's foot tools

DUO models

- With continuous sharpening rail and high, segmented casting foot tools



MSBM 2020-60 PRO SH with optional NC1 control unit

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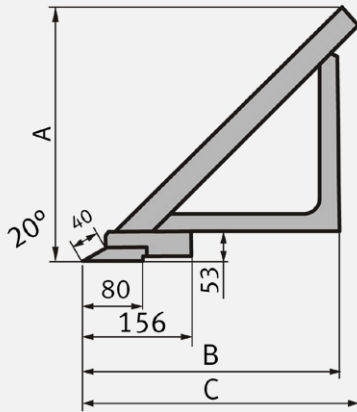


! Version with segmented bending rail and/or segmented support rail available on request!

Type	Segmentation MSBM PRO
MSBM 1520-70 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500
MSBM 2020-60 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500
MSBM 2520-50 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500-500
MSBM 3020-40 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500-500-500
MSBM 4020-20 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500-500-500-500

Model		MSBM 1520-70 PRO	MSBM 2020-60 PRO	MSBM 2520-50 PRO	MSBM 3020-40 PRO	MSBM 4020-30 PRO
Art. no.		3779140	3779141	3779142	3779143	3779144
Model		MSBM 1520-70 PRO SH	MSBM 2020-60 PRO SH	MSBM 2520-50 PRO SH	MSBM 3020-40 PRO SH	MSBM 4020-30 PRO SH
Art. no.		3779150	3779151	3779152	3779153	3779154
Model		MSBM 1520-70 PRO DUO	MSBM 2020-60 PRO DUO	MSBM 2520-50 PRO DUO	MSBM 3020-40 PRO DUO	MSBM 4020-30 PRO DUO
Art. no.		3779220	3779221	3779222	3779223	3779224
Technical data						
Working width	mm	1520	2020	2520	3020	4020
Bending capacity (400 N/mm ²)	mm	5.0	4.0	3.5	3.0	2.0
Passage between upper + lower cheek max.						
Pro	mm	200	200	200	200	200
Pro SH	mm	90	90	90	90	90
PRO DUO	mm	90/200	90/200	90/200	90/200	90/200
Power consumption Wange	kW	2.2	2.2	2.2	2.2	2.2
Power consumption Bending	kW	5.5	5.5	5.5	5.5	5.5
Electrical connection ~ 50 Hz	V	400	400	400	400	400
Dimensions (L x W x H) approx.	mm	2620 x 1160 x 1590	3120 x 1160 x 1590	3620 x 1160 x 1590	4120 x 1160 x 1590	5120 x 1160 x 1590
Weight approx. per/per SH	kg	4025	4650	5270	6090	7460

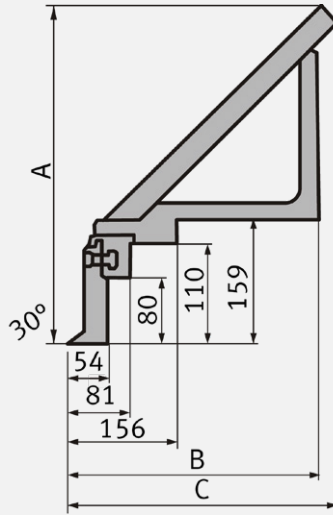
1) Performance data based on material with tensile strength 400 N/mm²; bending capacity stainless steel: Factor 0.65; bending capacity aluminium: Factor 1.4; optional tool required for bending VA



**Dimensions
Bending beam MSBM**

L	A	B	C
1500	525	530	555
2000	525	530	555
2500	525	530	555
3000	535	530	560
4000	535	530	565

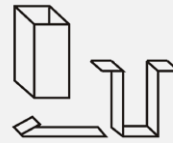
Width of the bending bar 40 mm



**Dimensions
Bending beam MSBM SH**

L	A	B	C
1500	630	530	555
2000	630	530	555
2500	630	530	555
3000	635	530	560
4000	640	530	565

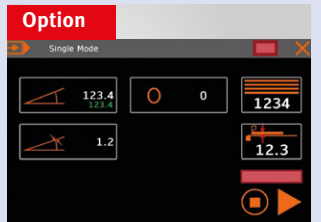
Width of the bending bar 40 mm



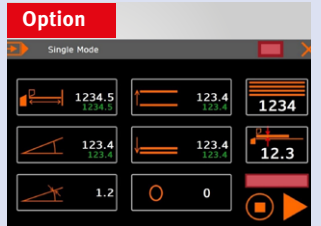
Standard MA control system - manual adjustment of the bending angle using a scale ring on the left-hand side of the machine



Optional PT1 control - convenient manual adjustment of the bending angle via potentiometer on the front of the machine



Schneider NC1 control, bending angle and correction via touchscreen, edge sequence can be saved



Optional Schneider NC2 control unit: Optional motorised rear stop- 1000 mm with NC 2 control. The rear stop is designed as a solid support table with stop fingers driven by ball screws. The Schneider Magelis control system has been expanded here and enables easy positioning of the rear stop and clamping jaw. The programme memory remains the same.



Optional CNC control with 3D graphics, the profiles are drawn by the operator on a large 19" touchscreen, all axis positions and the bending sequence are calculated by the control, motorised rear stop with stop fingers, travel range 10-1000 mm

Option all models (ex works only)	Art. no.
PT 1 control unit, bending angle adjustment via potentiometer on the front of the machine	3797160
Schneider NC1 control unit, bending angle setting via touchscreen on NC control unit, edge sequences can be saved	3797500

Accessories MSBM 1520- 70 PRO/ SH/ DUO	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797010
Option MSBM 1520-70 PRO / SH / DUO (only ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797020
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797610
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers, 10 - 1000 mm	3797620

Accessories MSBM 2020- 60 PRO/ SH/ DUO	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797011
Option MSBM 2020-60 PRO / SH / DUO (only ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797021
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797611
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797621
Accessories MSBM 2520- 50 PRO/ SH/ DUO	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797012

Option MSBM 2520-50 PRO / SH / DUO (only ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797022
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797612
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797622
Hardening of standard tools for MSBM 2520-50 PRO, hardened sharp bending rail, bending bar and bed support	3799132

Accessories MSBM 3020- 40 PRO/ SH/ DUO	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797013
Option MSBM 3020-40 PRO / SH / DUO (only ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797023
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797613
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797623
Hardening of standard tools for MSBM 3020-40 PRO, hardened sharp bending rail, bending bar and bed support	3799133

Accessories MSBM 4020- 30 PRO/ SH/ DUO	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797014
Option MSBM 4020-30 PRO / SH / DUO (only ex works)	
Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797024
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797614
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers 10 - 1.000 mm	3797624

MSBM PRO – Motorised swivel bending machines in very heavy-duty design for sheet thicknesses up to 8.0 mm

- Suitable for sheet thicknesses up to 8 mm
- Very heavy and robust welded construction
- Dynamic drive of the bending beam by means of two frequency-controlled motors with gearboxes
- Upper cheek clamping via trapezoidal thread
- High-quality Lenze motors
- Continuous sharpening rail
- Comes standard with bending tools made of Toolox 33 for bending stainless steel
- Tools suitable for bending stainless steel
- Manual crowning device for the bending beam
- Operation via double foot pedal with emergency stop function
- Purely motorised machine without hydraulics
- Bending angle adjustment via touchscreen NC control
- Manual sheet thickness adjustment on the bending beam

SH models

- With segmented, high casting foot tools

DUO models

- With continuous sharpening rail and high, segmented casting foot tools



MSBM 3020-60 PRO SH

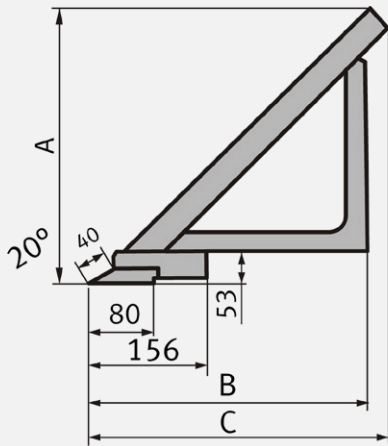
ASK FOR YOUR PERSONALISED OFFER!

Type	Segmentation MSBM PRO SH
MSBM 2020-80 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500
MSBM 2520-70 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500-500
MSBM 3020-60 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500-500-500
MSBM 4020-40 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500-500-500-500
MSBM 4520-30 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500-500-500-500
MSBM 5020-20 PRO SH	25-30-35-40-45-50-75-100-150-220-250-500-500-500-500-500-500

! Version with segmented bending rail and/or segmented support rail available on request!

Model		MSBM 2020-80 PRO	MSBM 2520-70 PRO	MSBM 3020-60 PRO	MSBM 4020-40 PRO	MSBM 4520-30 PRO	MSBM 5020-20 PRO
Art. no.		3779400	3779401	3779402	3779403	3779404	3779405
Model		MSBM 2020-80 PRO SH	MSBM 2520-70 PRO SH	MSBM 3020-60 PRO SH	MSBM 4020-40 PRO SH	MSBM 4520-30 PRO SH	MSBM 5020-20 PRO SH
Art. no.		3779410	3779411	3779412	3779413	3779414	3779415
Model		MSBM 2020-80 PRO DUO	MSBM 2520-70 PRO DUO	MSBM 3020-60 PRO DUO	MSBM 4020-40 PRO DUO	MSBM 4520-30 PRO DUO	MSBM 5020-20 PRO DUO
Art. no.		3779420	3779421	3779422	3779423	3779424	3779425
Technical data							
Working width	mm	2020	2520	3020	4020	4520	5020
Bending capacity (400 N/mm ²)	mm	8.0	7.0	6.0	4.0	3.0	2.0
Passage between upper + lower cheek max.							
Pro	mm	350	350	350	350	350	350
Pro SH	mm	240	240	240	240	240	240
PRO DUO	mm	350/240	350/240	350/240	350/240	350/240	350/240
Power consumption Wange	kW	4.0	4.0	4.0	4.0	4.0	4.0
Power consumption Bending	kW	2 x 4.0	2 x 4.0	2 x 4.0	2 x 4.0	2 x 4.0	2 x 4.0
Electrical connection ~ 50 Hz	V	400	400	400	400	400	400
Dimensions (L x W x H) approx.	mm	3480 x 1500 x 1750	3970 x 1500 x 1750	4470 x 1500 x 1750	5480 x 1500 x 1750	5980 x 1500 x 1750	6480 x 1500 x 1750
Weight approx. per/per SH	kg	5380	5900	6550	8130	8980	9840

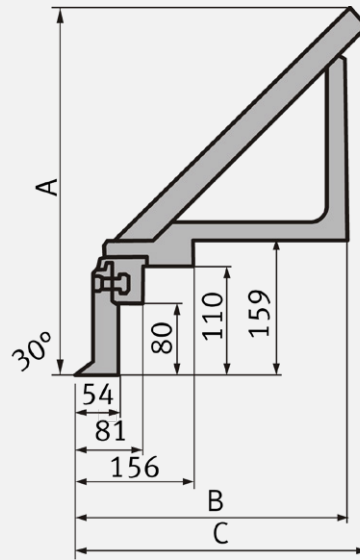
1) Performance data based on material with tensile strength 400 N/mm²; bending capacity stainless steel: Factor 0.65; bending capacity aluminium: Factor 1.4; optional tool required for bending VA



**Dimensions
Bending beam MSBM**

L	A	B	C
2000	525	530	555
2500	525	530	555
3000	525	530	555
4000	560	530	590
4500	560	530	590
5000	560	545	615

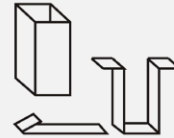
Width of the bending bar 40 mm



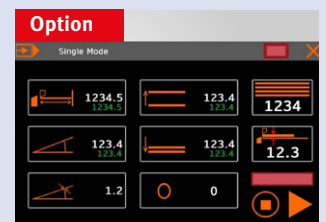
**Dimensions
Bending beam MSBM SH**

L	A	B	C
2000	630	530	555
2500	630	530	555
3000	630	530	555
4000	665	530	590
4500	665	530	590
5000	690	545	615

Width of the bending bar 40 mm



Schneider NC1 control, bending angle and correction via touchscreen, edge sequence can be saved



Option
Optional Schneider NC2 control unit: Optional motorised rear stop - 1000 mm with NC 2 control. The rear stop is designed as a solid support table with stop fingers driven by ball screws. The Schneider Magelis control system has been expanded here and enables easy positioning of the rear stop and clamping jaw. The programme memory remains the same.

Accessories MSBM 2020- 80 PRO/ SH/ DUO	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797011

Option MSBM 2020-80 PRO / SH / DUO (only ex works)

Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797021
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797611
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers, 10 - 1000 mm	3797621

Accessories MSBM 2520- 70 PRO/ SH/ DUO	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797012

Option MSBM 2520-70 PRO / SH / DUO (only ex works)

Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797022
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797612
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers, 10 - 1000 mm	3797622

Accessories MSBM 3020- 60 PRO/ SH/ DUO	Art. no.
Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797013

Option MSBM 3020-60 PRO / SH / DUO (only ex works)

Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797023
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797613

CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers, 10 - 1000 mm	3797623
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Accessories MSBM 4020- 40 PRO/ SH/ DUO	Art. no.
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Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797014
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Option MSBM 4020-40 PRO / SH / DUO (only ex works)

Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797024
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797614
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers, 10 - 1000 mm	3797624

Option MSBM 4520-30 PRO / SH / DUO (only ex works)

Rear stop with handwheel, measuring device and stop fingers, 10 - 760 mm	3797025
Schneider NC2 control, bending angle, rear stop and upper beam opening via touchscreen on NC control, motorised rear stop with stop fingers, 10 - 1000 mm, bending sequences can be saved	3797615
CNC control FF101 with 3D graphics, 19" touchscreen, motorised rear stop with stop fingers, 10 - 1000 mm	3797625

Accessories MSBM 5020- 20 PRO/ SH/ DUO	Art. no.
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Rear stop with handwheel, measuring device and stop fingers, 75 - 760 mm	3797016
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Option
Optional CNC control with 3D graphics, the profiles are drawn by the operator on a large 19" touchscreen, all axis positions and the bending sequence are calculated by the control, motorised rear stop with stop fingers, travel range 10-1000 mm