

Lissmac Maschinenbau GmbH



Global distribution



Production plant – Bad Wurzach – Germany



Company name - origin

The name LISSMAC has its origin in the abbreviations of the following terms:

LI = Lignum (lat.: wood)

S = Sassum (greek: stone)

S = Saw

MA = Machine manufacturing

C = Corporation

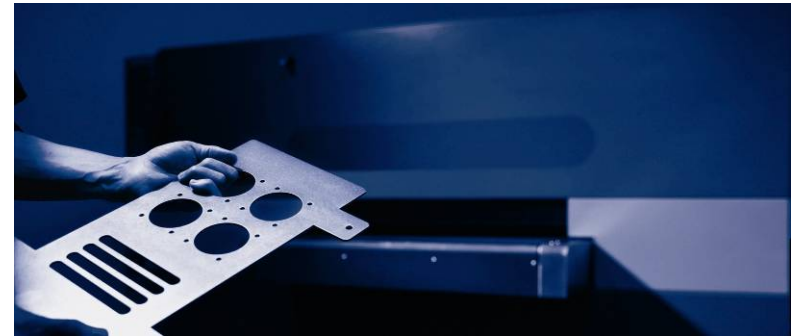
Data and facts

Foundation year Lissmac:	1979
Move into new production plant:	1993
Takeover of company MT:	2000
New business division “metall processing“:	2004
Number of employees:	approx. 180
Production floor size:	over 10.000 m ²

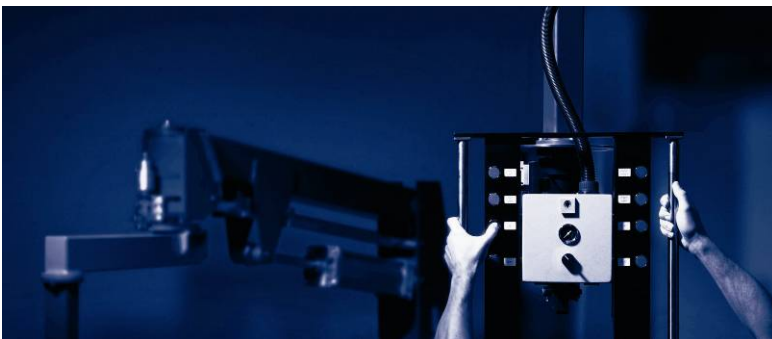
4 business segments



Construction Technology



Metal Processing

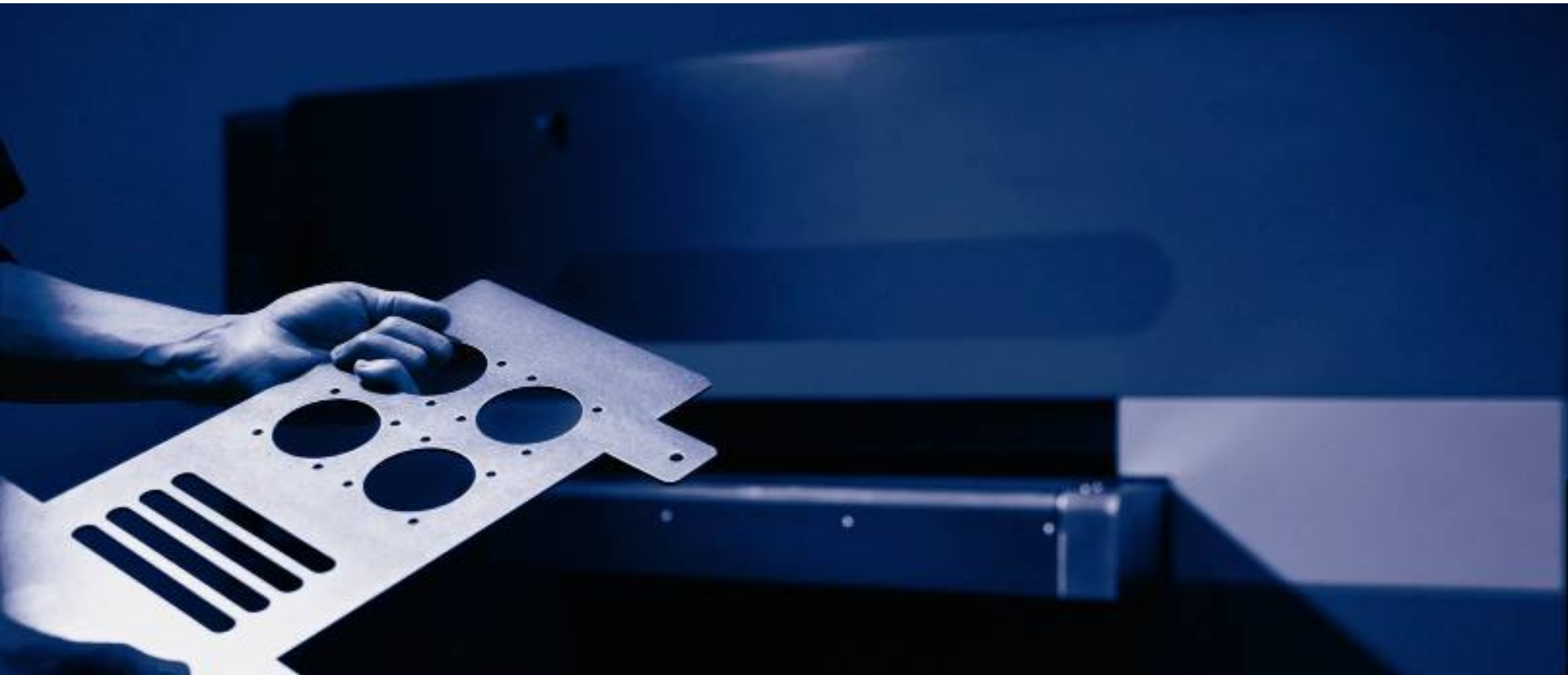


MT-Handling



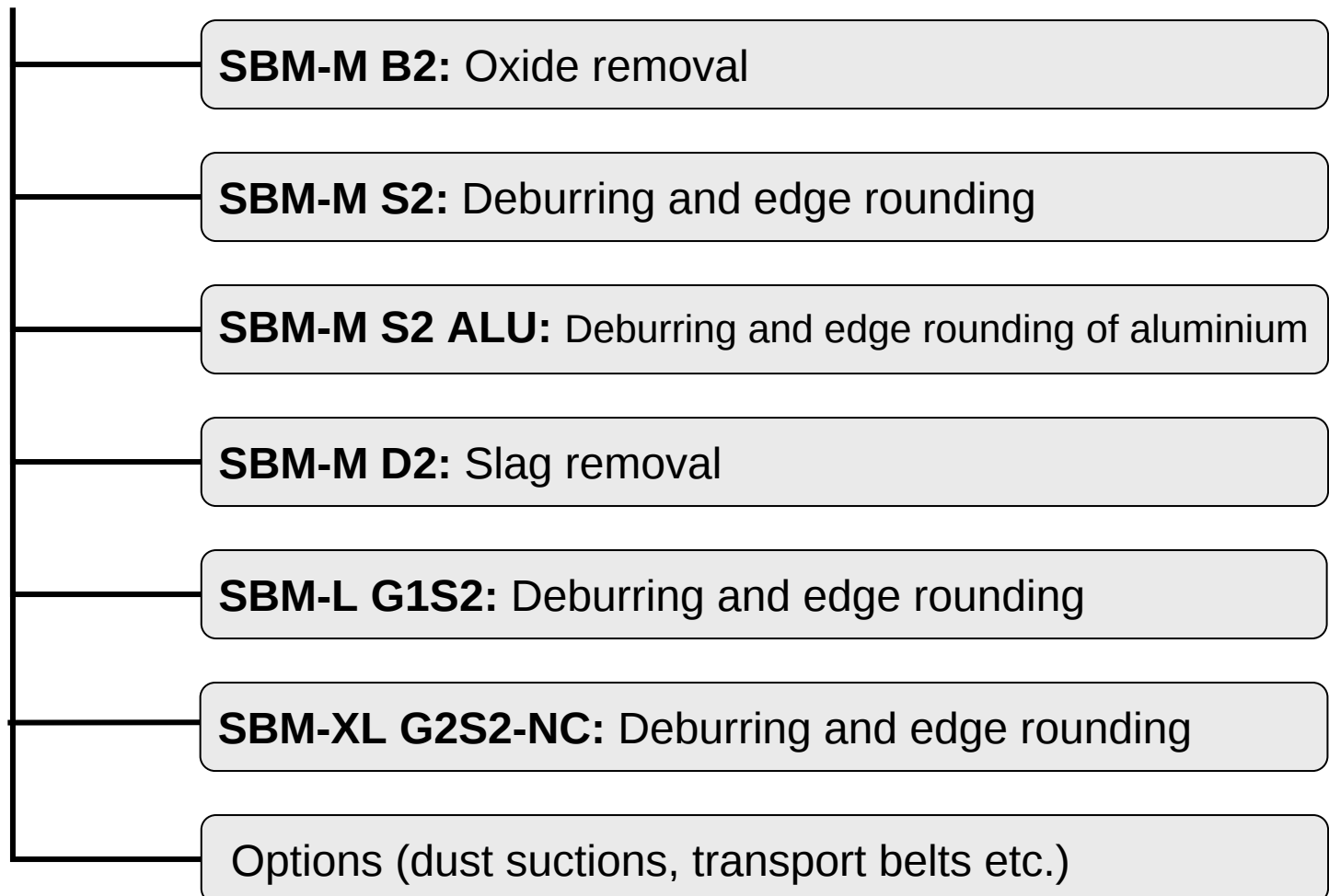
Plant Engineering

Metal Processing



UNIQUE – INNOVATIVE – PRODUCTIVE

Metal Processing



Oxide removal SBM-M B2

Oxide removal
of laser cut sheet metal on both sides
in one single pass

Oxide removal SBM-M B2

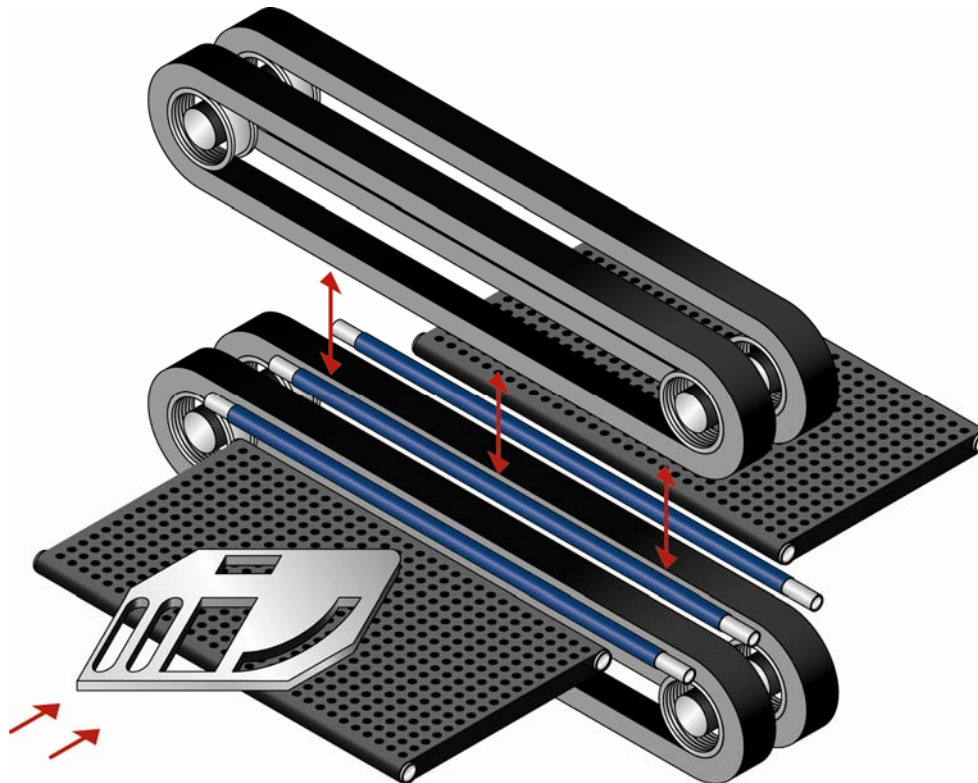


Oxide removal

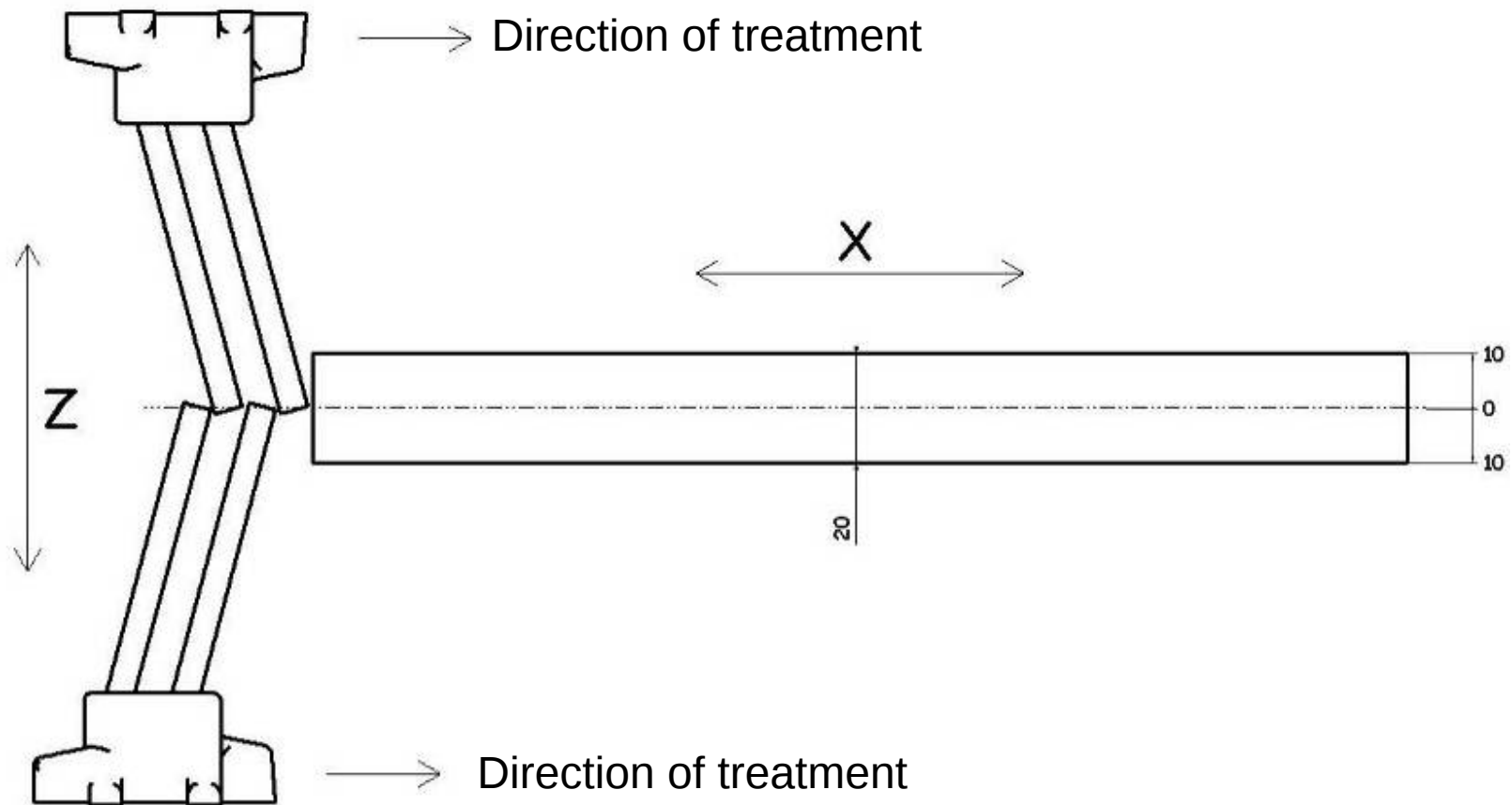
SBM-M B2

Technical data:	SBM-M 1000 B2	SBM-M 1500 B2
Material feed	automatic	automatic
Width	1000 mm	1500 mm
Thickness max.	20 mm	20 mm
Brush drive motor	4 x 4.8 kW	4 x 4.8 kW
Speed	1415 rpm	1415 rpm
Voltage	400 V / 50 Hz	400 V / 50 Hz
Total power main driver motor	39 A	39 A
Total current consumption main motor	19.6 kW	19.6 kW
Infinitely variable feed speed	0-4 m/min	0-4 m/min
Adjustment of sheet thickness	electric	electric
Adjustment of depth of brushes	electric	electric
Weight	1923 kg	2210 kg
Dimensions (W/D/H)	2559 / 1366 / 1748 mm	3059 / 1366 / 1748 mm

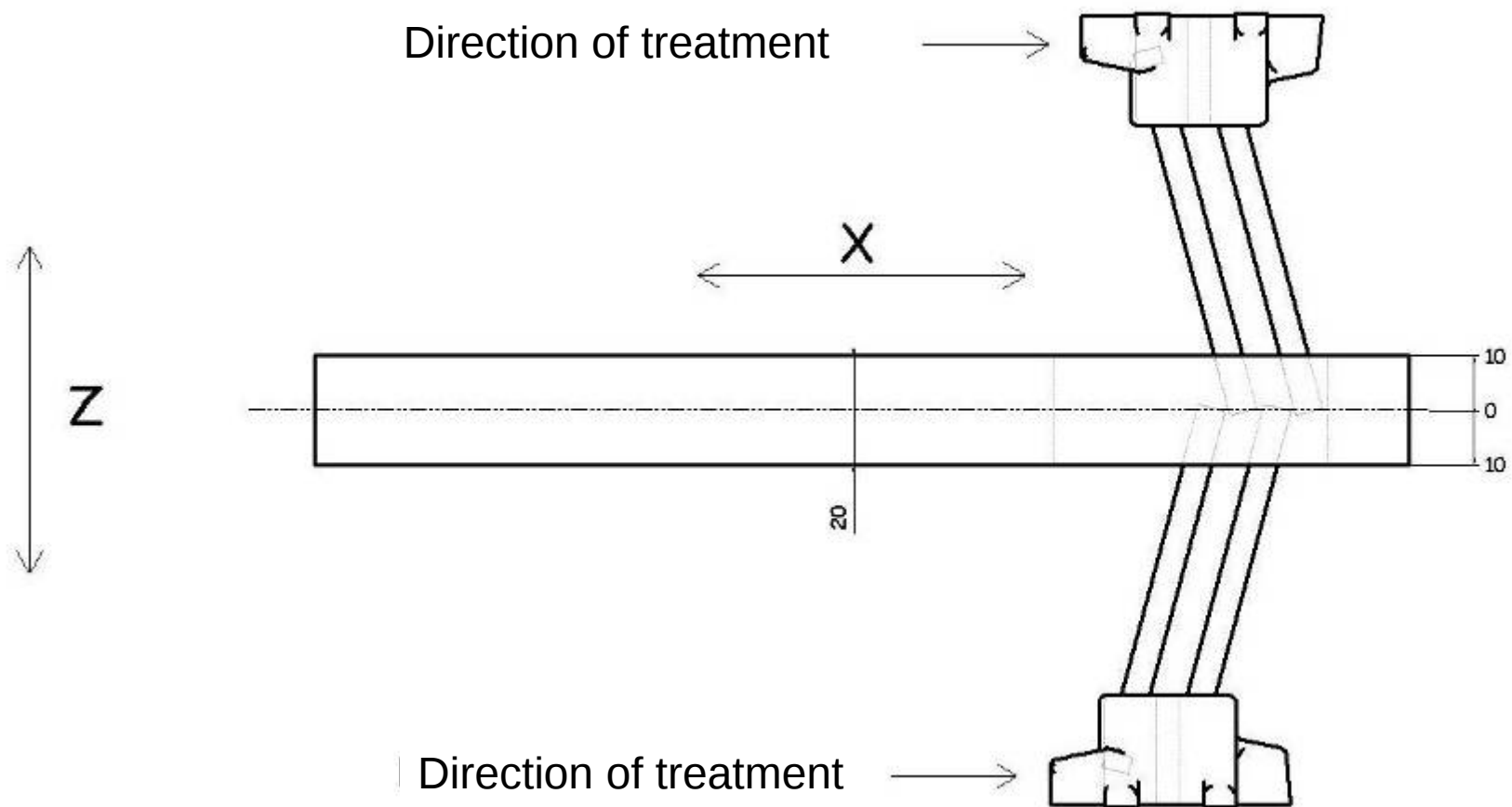
Oxide removal SBM-M B2



Oxide removal SBM-M B2



Oxide removal SBM-M B2



Oxide removal SBM-M B2



Oxide removal SBM-M B2



Deburring and edge rounding SBM-M S2

Deburring and edge rounding
of steel and stainless steel
on both sides in one single pass

Deburring and edge rounding SBM-M S2

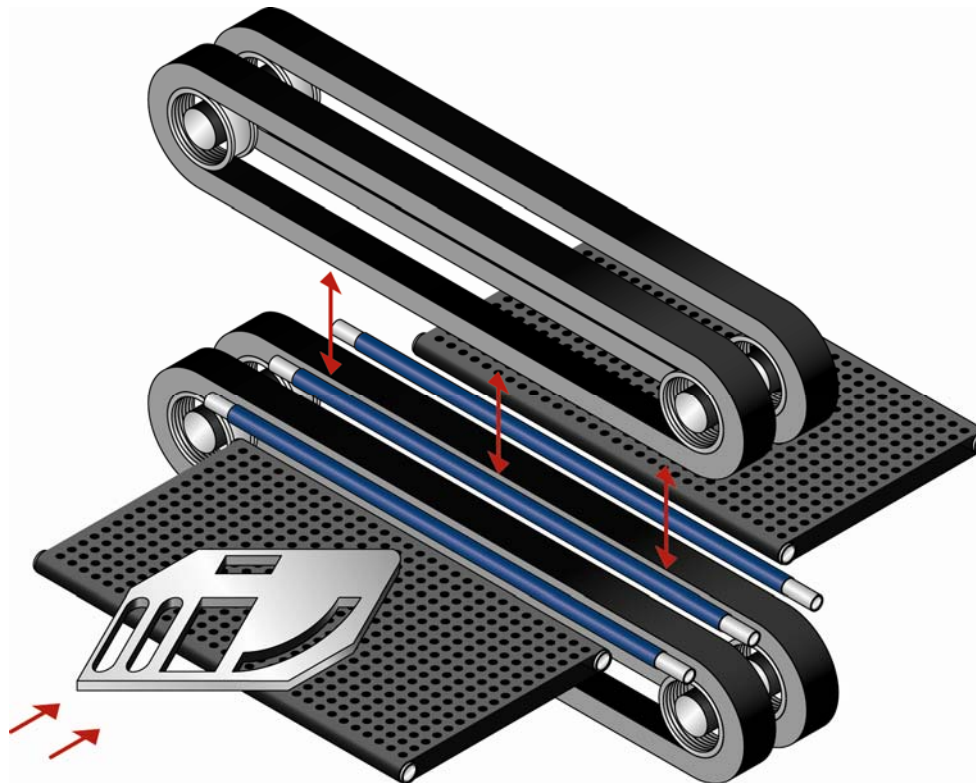


Deburring and edge rounding

SBM-M S2

Technical data:	SBM-M 1000 S2	SBM-M 1500 S2
Material feed	automatic	automatic
Width	1000 mm	1500 mm
Thickness max.	50 mm	50 mm
Brush drive motor	4 x 3.0 kW	4 x 3.0 kW
Speed	1405 rpm	1405 rpm
Voltage	400 V / 50 Hz	400 V / 50 Hz
Total power main driver motor	29 A	29 A
Total current consumption main motor	12.4 kW	12.4 kW
Infinitely variable feed speed	0-4 m/min	0-4 m/min
Adjustment of sheet thickness	electric	electric
Adjustment of grinding medium	electric	electric
Weight	2020 kg	2305 kg
Dimensions (W/D/H)	2754 / 1347 / 1748 mm	3254 / 1347 / 1748 mm

Deburring and edge rounding SBM-M S2

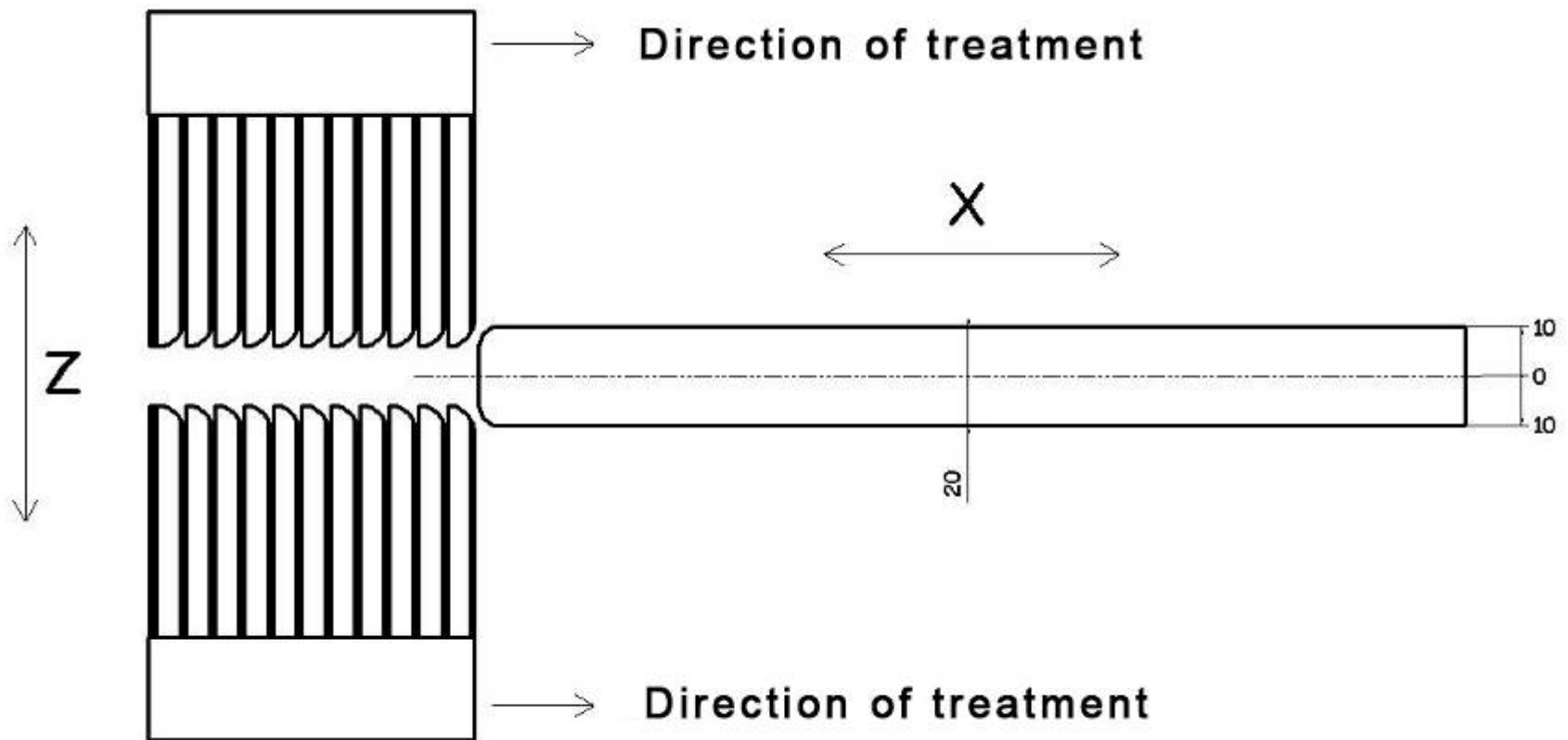


Deburring and edge rounding SBM-M S2

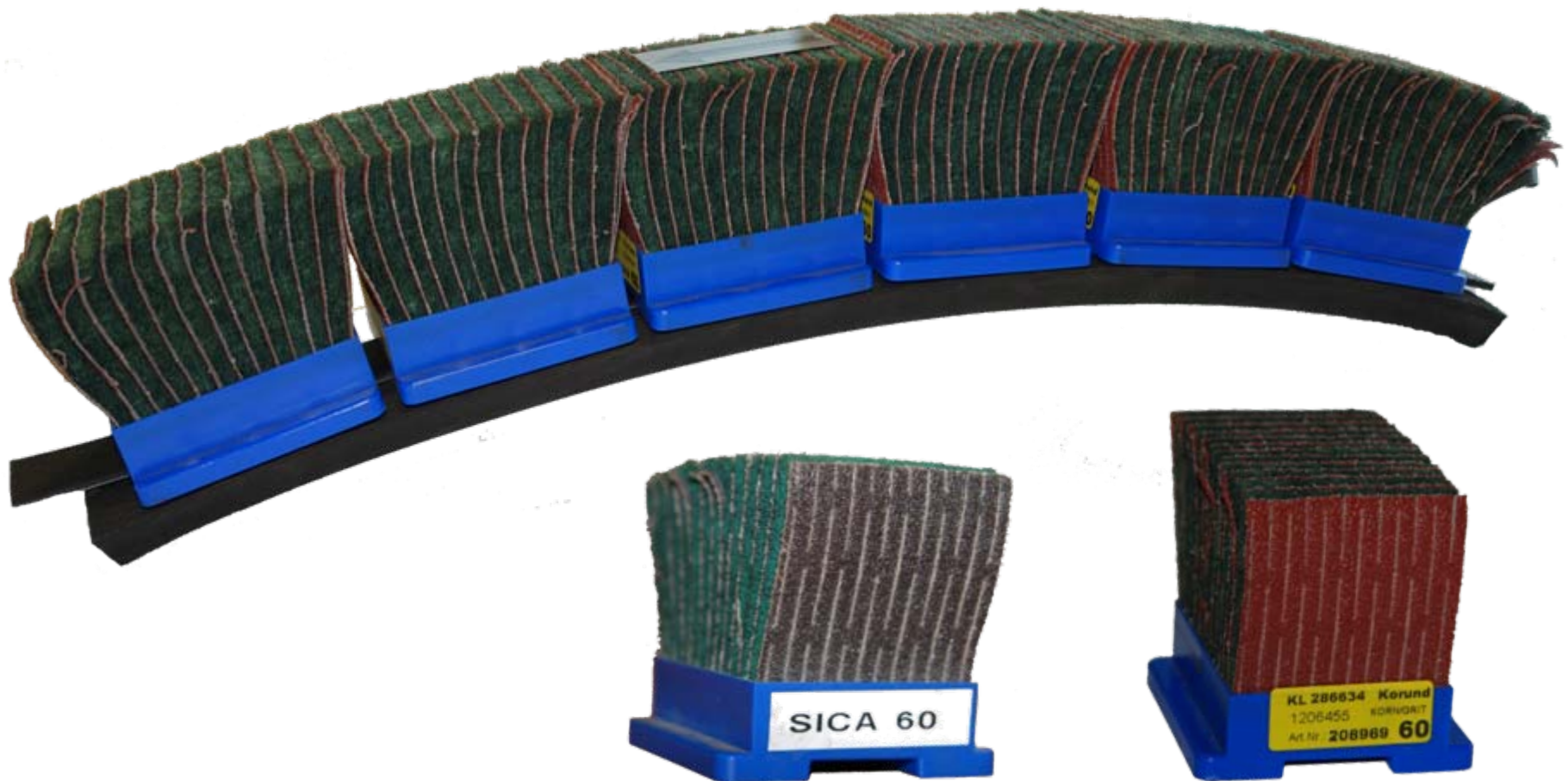


- Easy operation
- All operations are electrically adjustable
- Individually operation on the top, on the bottom or on both sides (top and bottom)
- Each tool unit can be separately operated and adjusted
- Fast tool change due to hydraulic belt tension

Deburring and edge rounding SBM-M S2



Deburring and edge rounding SBM-M S2



Deburring and edge rounding SBM-M S2



Deburring and edge rounding of aluminium SBM-M S2 ALU

Deburring and edge rounding
of aluminium
on both sides in one single pass

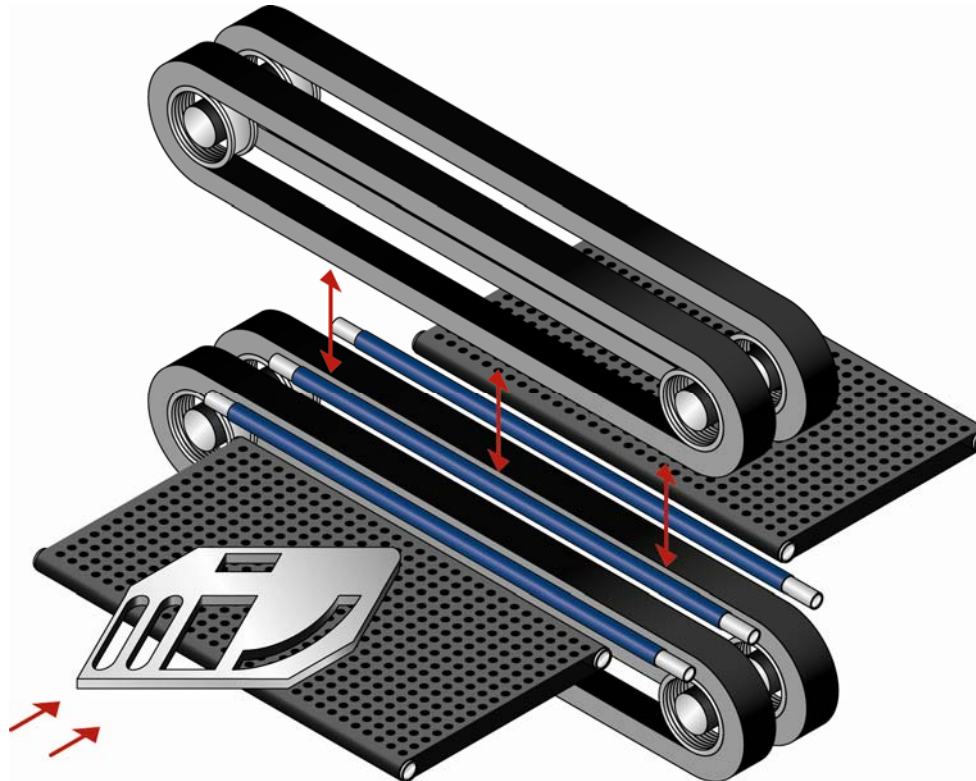
Deburring and edge rounding of aluminium SBM-M S2 ALU



Deburring and edge rounding of aluminium

SBM-M S2 ALU

Technical data:	SBM-M 1000 S2 ALU	SBM-M 1500 S2 ALU
Material feed	automatic	automatic
Width	1000 mm	1500 mm
Thickness max.	50 mm	50 mm
Brush drive motor	4 x 3.0 kW	4 x 3.0 kW
Speed	1405 rpm	1405 rpm
Voltage	400 V / 50 Hz	400 V / 50 Hz
Total power main driver motor	29 A	29 A
Total current consumption main motor	12.4 kW	12.4 kW
Infinitely variable feed speed	0-4 m/min	0-4 m/min
Adjustment of sheet thickness	electric	electric
Adjustment of grinding medium	electric	electric
Weight	2020 kg	2305 kg
Dimensions (W/D/H)	2754 / 1347 / 1748 mm	3254 / 1347 / 1748 mm



Deburring and edge rounding of aluminium SBM-M S2 ALU

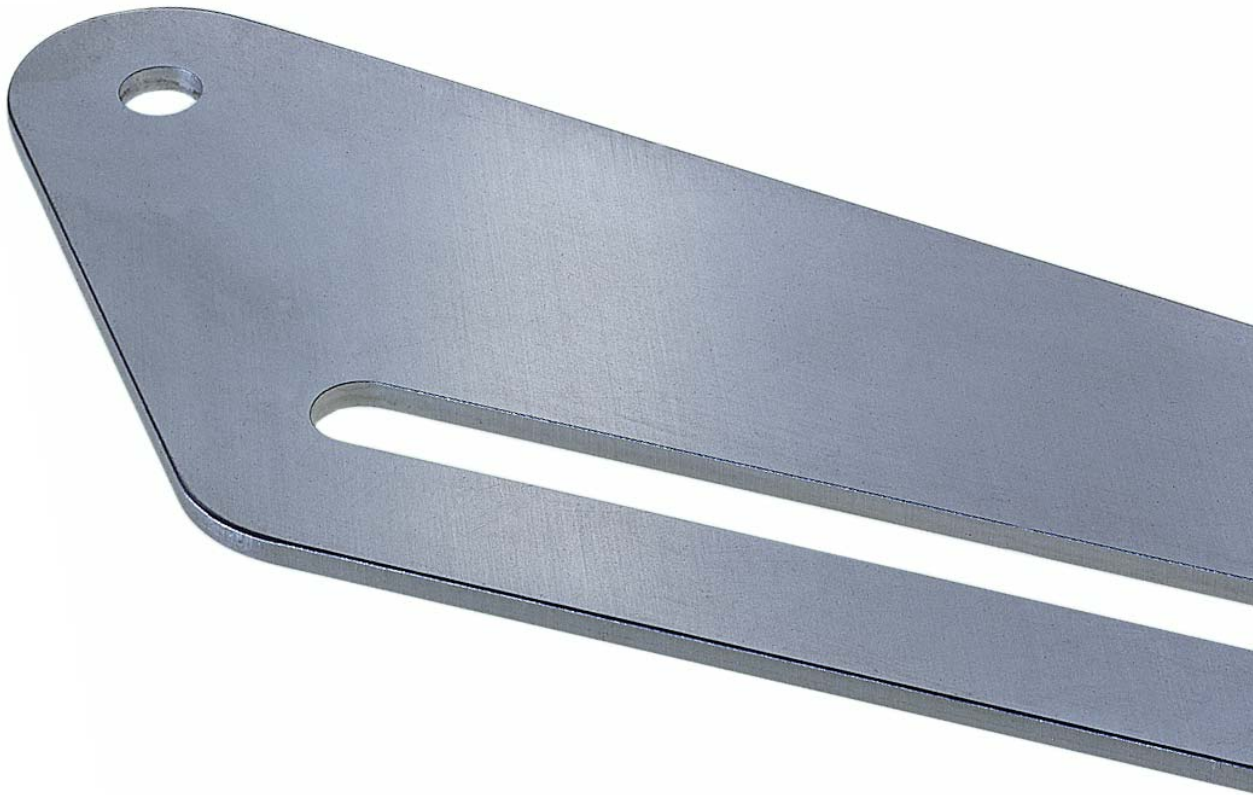


- Easy operation
- All operations are electrically adjustable
- Individually operation on the top, on the bottom or on both sides (top and bottom)
- Each tool unit can be separately operated and adjusted
- Fast tool change due to hydraulic belt tension

Deburring and edge rounding of aluminium SBM-M S2 ALU



Deburring and edge rounding of aluminium SBM-M S2 ALU



Slag removal SBM-M D2

Slag removal of plasma
and oxy fuel cut parts on both sides
in one single pass

Slag removal SBM-M D2

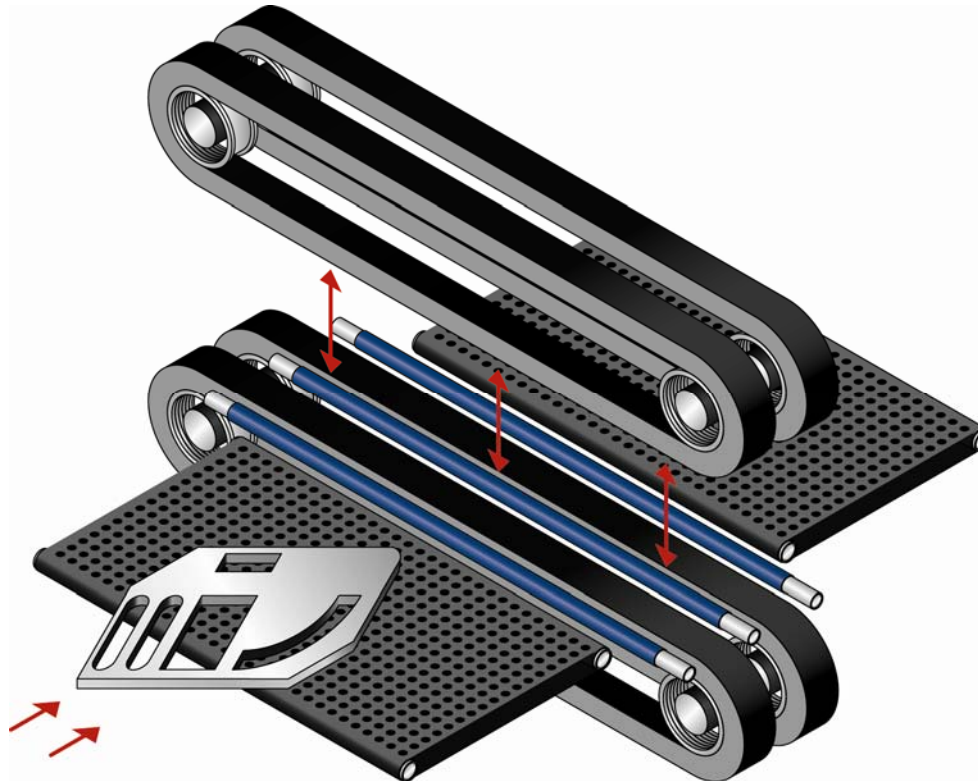


Slag removal

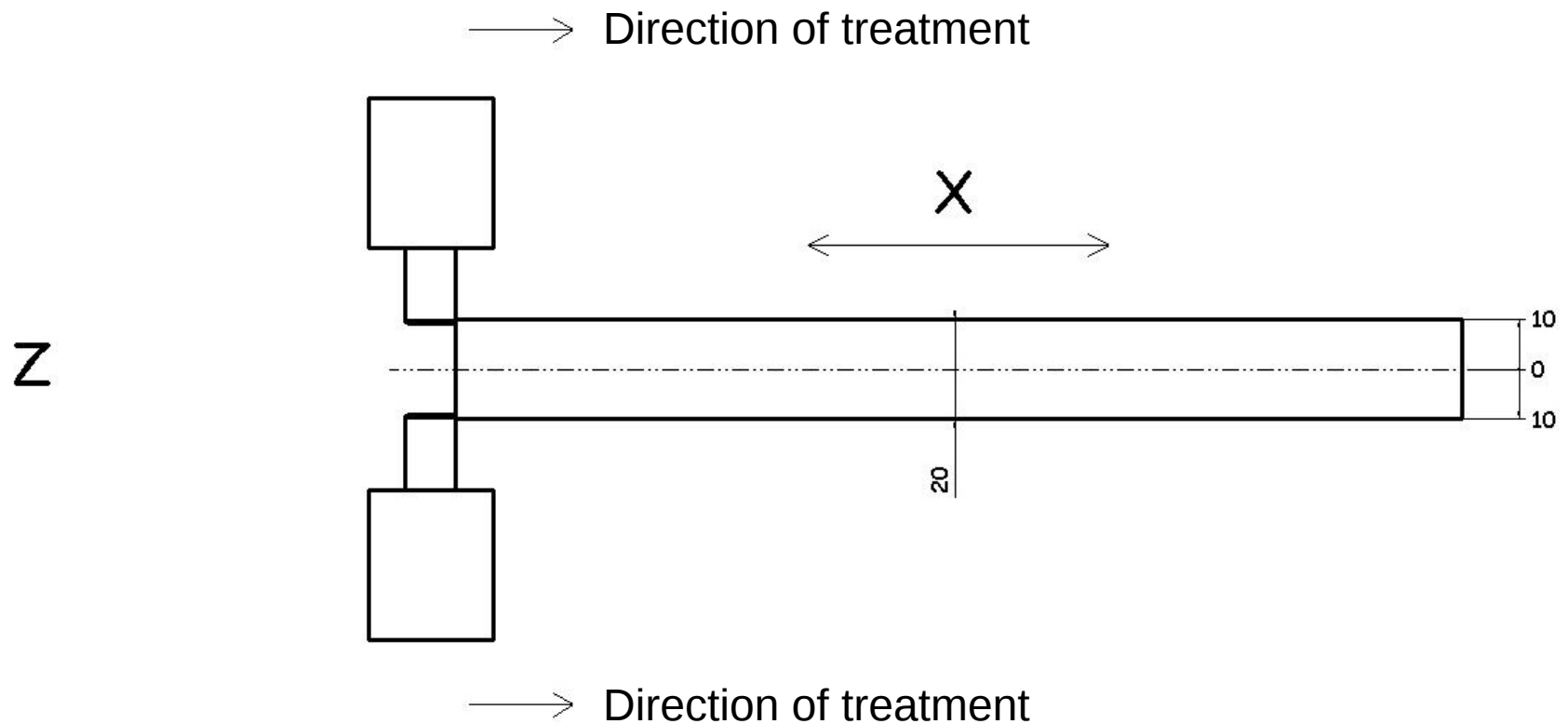
SBM-M D2

Technical data:	SBM-M 1000 D2	SBM-M 1500 D2
Material feed	automatic	automatic
Width	1000 mm	1500 mm
Thickness max.	120 mm	120 mm
Main drive motor	2 x 3.0 kW	2 x 4.0 kW
Speed	276 rpm	276 rpm
Voltage	400 V / 50 Hz	400 V / 50 Hz
Total power main driver motor	14.5 A	18.5 A
Total current consumption main motor	6.4 kW	8.5 kW
Infinitely variable feed speed	0-4 m/min	0-4 m/min
Adjustment of material thickness	electric	electric
Adjustment of tool	electric	electric
Weight	1800 kg	2100 kg
Dimensions (W/D/H mm)	2542 / 1364 / 1756	3042 / 1364 / 1756

Slag removal SBM-M D2



Slag removal SBM-M D2



Slag removal SBM-M D2



Deburring and edge rounding SBM-L G1S2

Grinding, deburring and edge rounding
of punched, laser and
high definition plasma cut parts
in one single pass

Deburring and edge rounding SBM-L G1S2



Deburring and edge rounding

SBM-L G1S2

Technical data:	SBM-L G1S2 1000	SBM-L G1S2 1500
Material feed	automatic	automatic
Working width	1000 mm	1500 mm
Material thickness max.	50 mm	50 mm
G – grinding unit: main drive motor	2 x 2.2 kW	2 x 3.0 kW
S – deburring unit: main drive motor	4 x 3.0 kW	4 x 3.0 kW
Voltage	400 V / 50 Hz	400 V / 50 Hz
Total power main drive motors	39 A	41 A
Total current consumption main motor	16.8 kW	18.4 kW
Infinitely variable feed speed	0-4 m/min	0-4 m/min
Adjustment of material thickness	electric	electric
Adjustment of grinding medium	electric	electric
Weight	2460 kg	2785 kg
Dimensions (W/D/H)	2754 / 1480 / 1748 mm	3254 / 1480 / 1748 mm

Deburring and edge rounding SBM-L G1S2

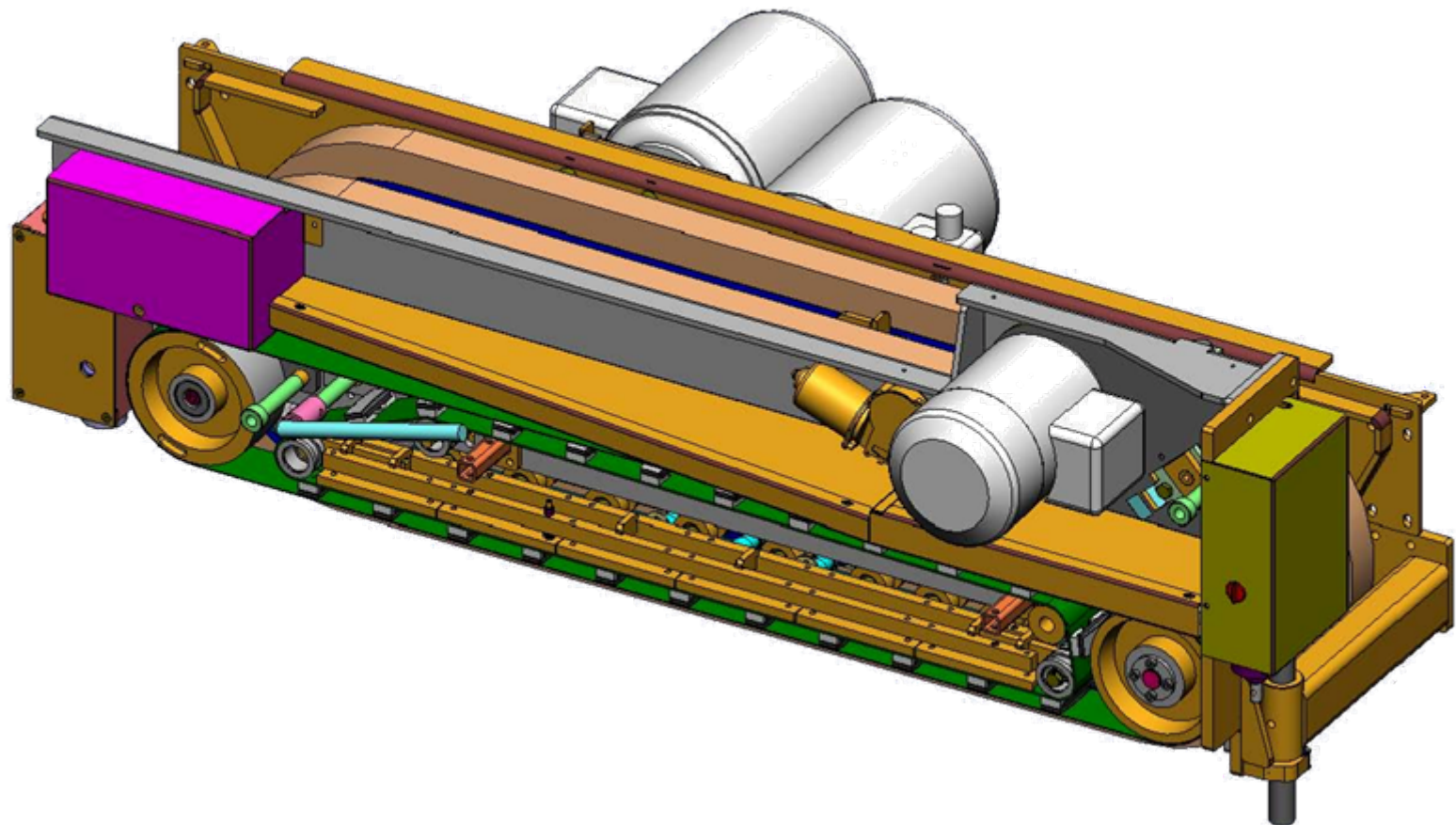


Deburring and edge rounding SBM-L G1S2

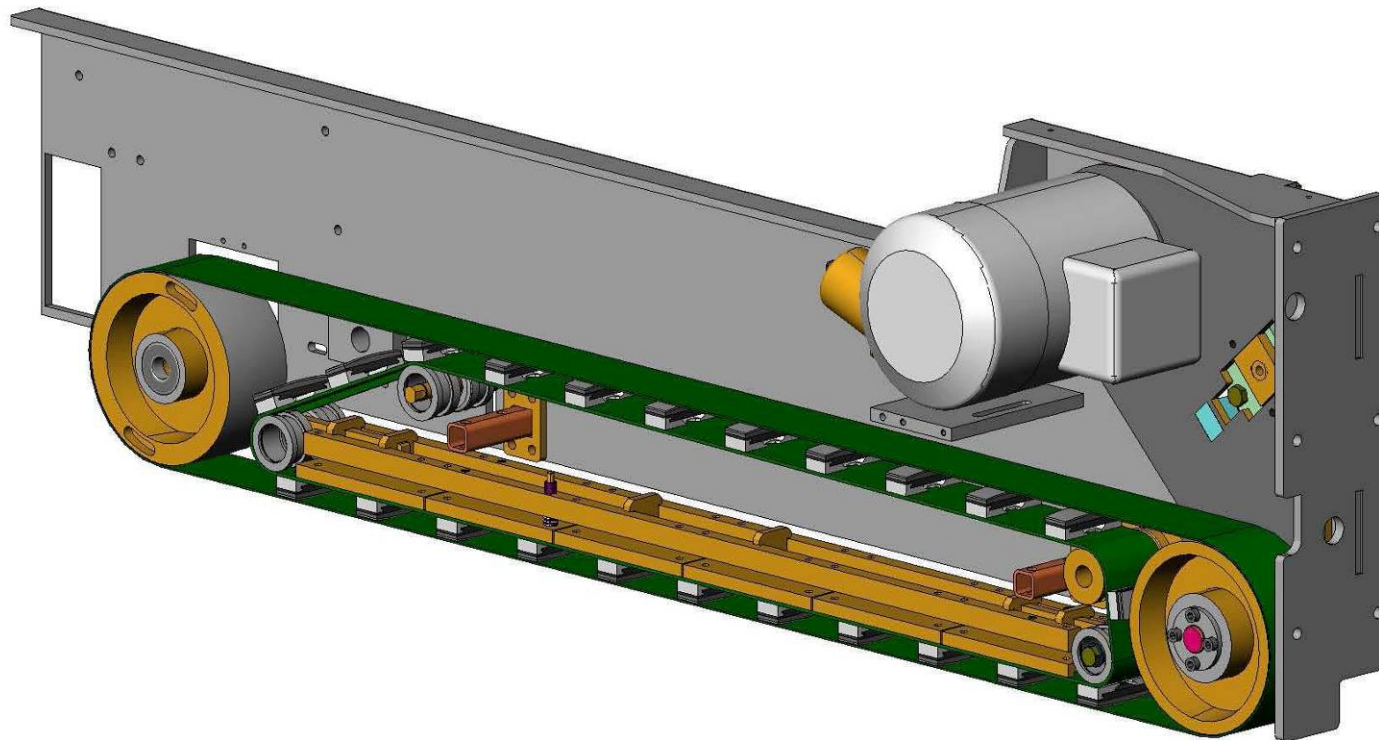


- Easy operation
- All operations are electrically adjustable
- Individually operation on the top, on the bottom or on both sides (top and bottom)
- Each tool unit can be separately operated and adjusted
- Fast tool change due to hydraulic belt tension
- Pre-grinding aggregates and grinding belts can be separately operated and adjusted
- Easy and fast adjustment of the operation units to individual applications

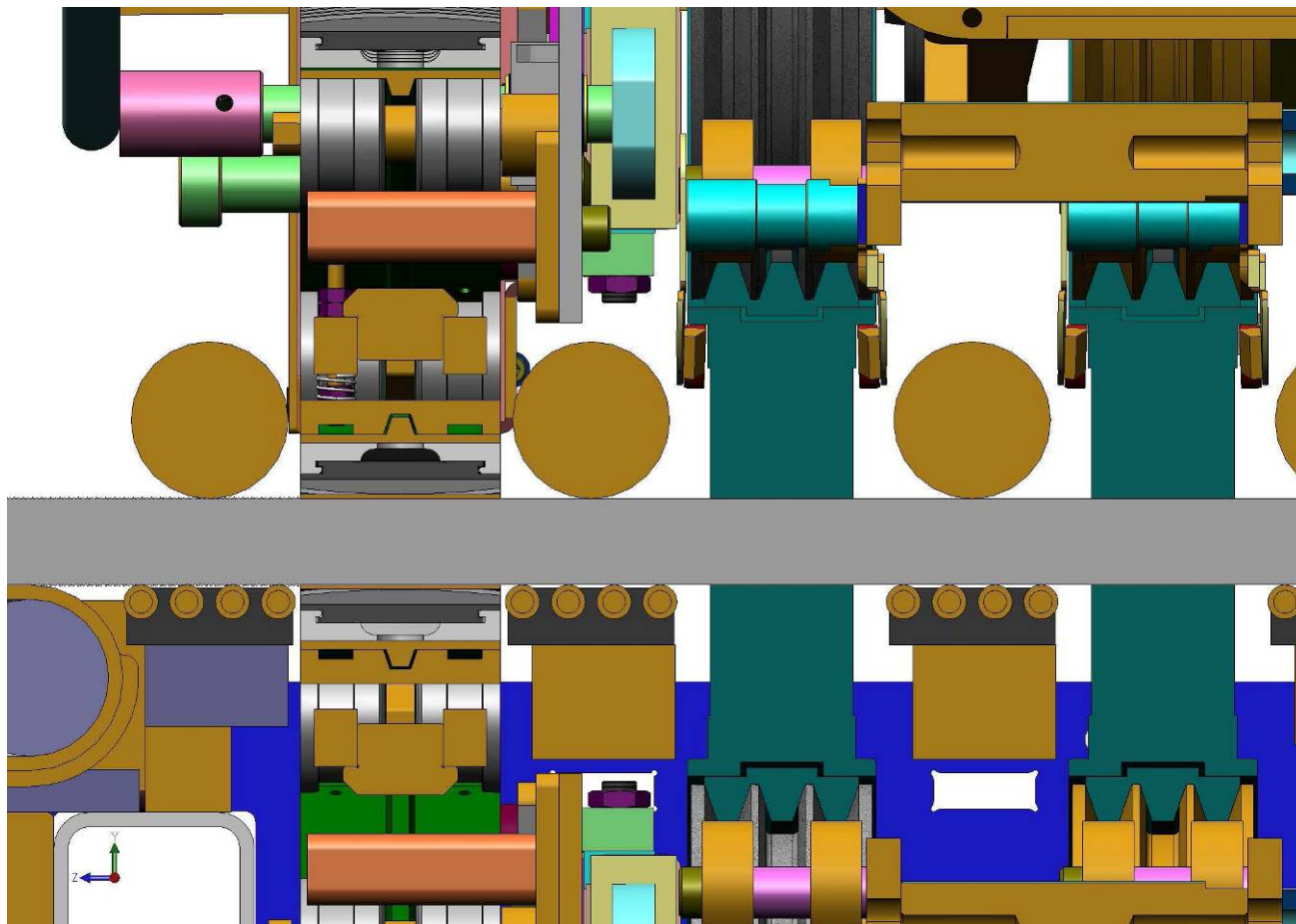
Deburring and edge rounding SBM-L G1S2



Deburring and edge rounding SBM-L G1S2



Deburring and edge rounding SBM-L G1S2



**Deburring and edge rounding
SBM-XL G2S2-NC**

Grinding, deburring and edge rounding
of laser, plasma and oxy fuel cut parts
in one single pass

Deburring and edge rounding SBM-XL G2S2-NC



Deburring and edge rounding

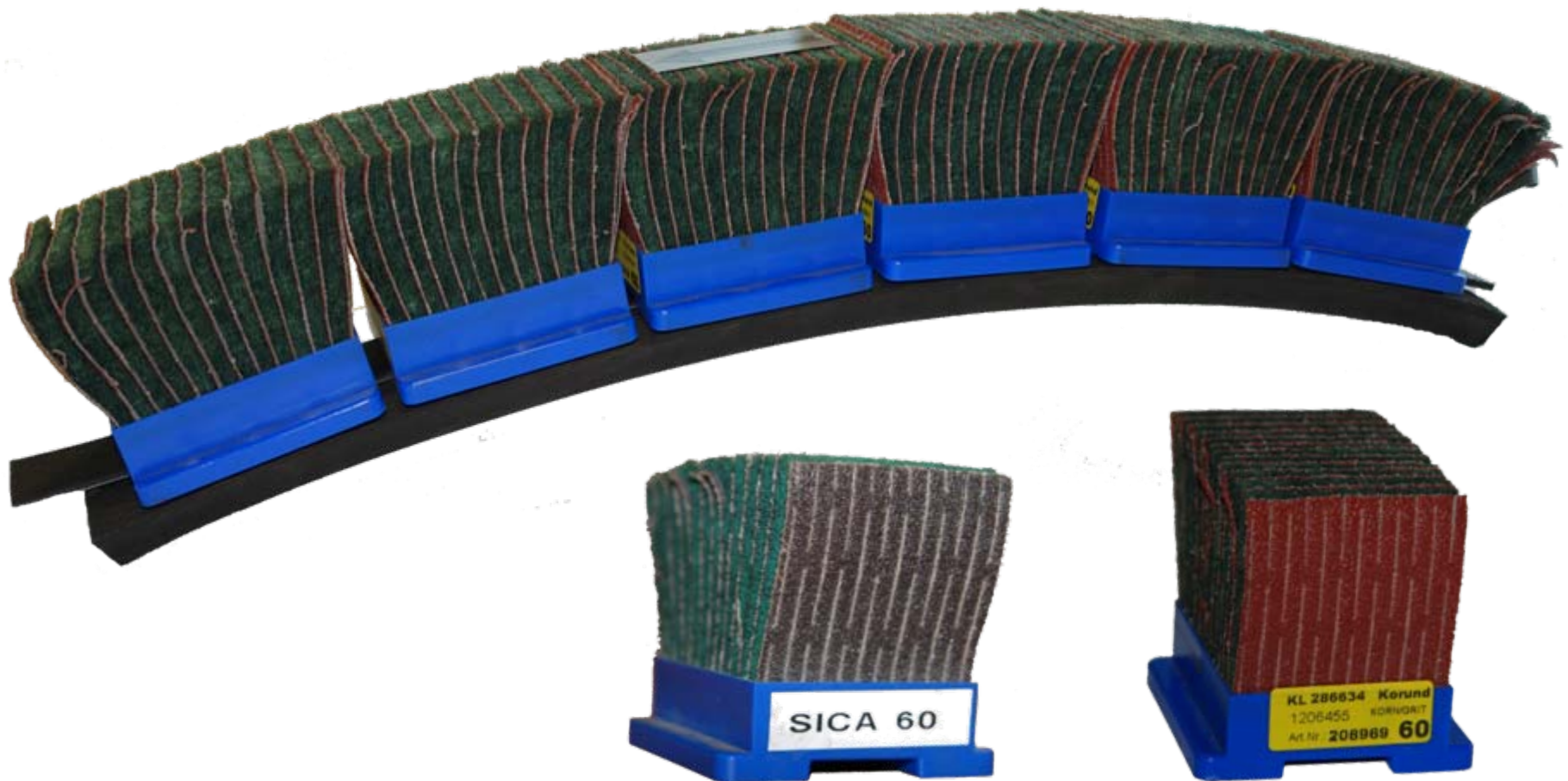
SBM-XL G2S2-NC

Technical data:	SBM-XL 1000 G2S2-NC	SBM-XL 1500 G2S2-NC
Material feed	automatic	automatic
Working width	1000 mm	1500 mm
Material thickness max.	120 mm	120 mm
G-grinding unit: main drive motor	4 x 6.7 kW	4 x 9.0 kW
S-deburring unit: main drive motor	4 x 3.0 kW	4 x 3.0 kW
Voltage	400 V / 50 Hz	400 V / 50 Hz
Total power main drive motors	98 A	122 A
Total current consumption main motor	45 kW	54 kW
Infinitely variable feed speed	0-4 m/min	0-4 m/min
Adjustment of material thickness	NC control unit	NC control unit
Adjustment of grinding medium	NC control unit	NC control unit
Weight	3787 kg	4145 kg
Dimensions (W/D/H mm)	3100 / 2027 / 2060	3600 / 2027 / 2060

Deburring and edge rounding SBM-XL G2S2-NC



Deburring and edge rounding SBM-XL G2S2-NC



Deburring and edge rounding SBM-XL G2S2-NC



Deburring and edge rounding SBM-XL G2S2-NC



Options: transport belts

Controller for transport belt

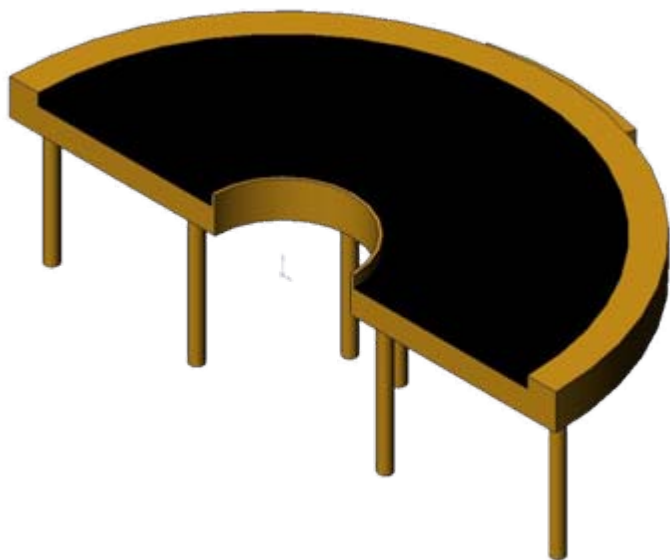
Controller and stepless speed regulation useable for maximum 3 transport belts (straight).

The controller is already integrated in the curve transport belts.



Technical data	Transport belt 1 m	Transport belt 2 m	Transport belt 3 m
Useable belt width:	1,000 mm / 1,500 mm	1,000 mm / 1,500 mm	1,000 mm / 1,500 mm
Length:	1,000 mm	2,000 mm	3,000 mm
Max. loading:	300 kg pro m ²	300 kg pro m ²	300 kg pro m ²
Delivery height:	950 mm +/- 50 mm	950 mm +/- 50 mm	950 mm +/- 50 mm
Temperature:	+15 °C - +40 °C	+15 °C - +40 °C	+15 °C - +40 °C
Order no.:	825407 / 825405	825191 / 825195	825406 / 825408

Options: transport belts



Controller for transport belt

Controller and stepless speed regulation useable for maximum 3 transport belts (straight).

The controller is already integrated in the curve transport belts.

Technical data	Curved transport belt
Conveying angle:	180 °
Useable belt width:	1,100 mm / 1,700 mm
Belt inside radius:	450 mm / 450 mm
Belt outside radius:	1,550 mm / 2,150 mm
Max. loading:	max. 150 kg Gesamtbelastung
Delivery height:	950 mm +/- 50 mm
Temperature:	+15 °C - +40 °C
Max. size of piece (l x w):	800 x 700 mm / 800 x 1,200 mm
Order no.:	825400 / 825401

Options: dust suction













