



SBM-XL G2S2-NC

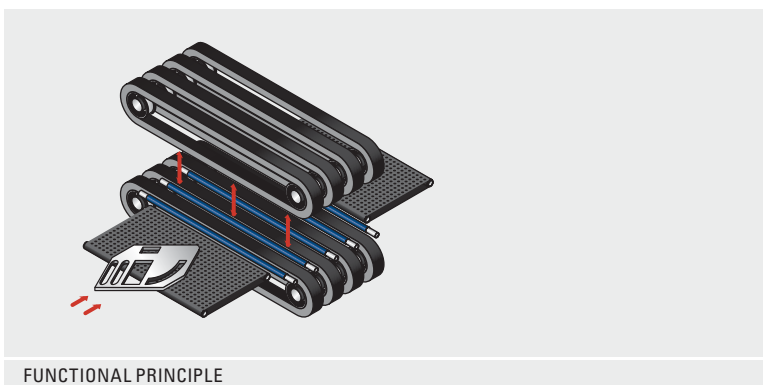
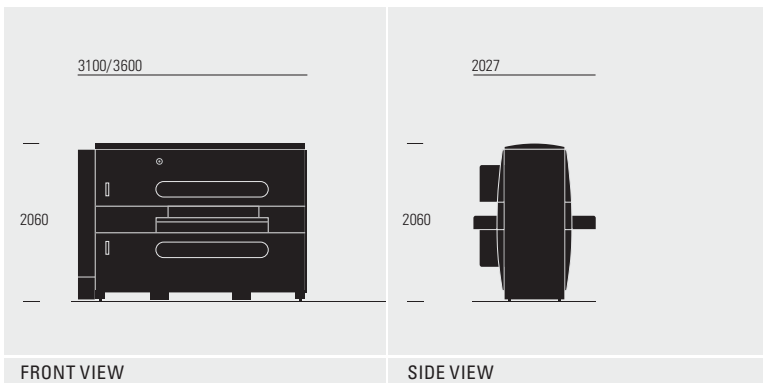
GRINDING, DEBURRING AND EDGE
ROUNDING OF LASER, PLASMA AND
OXY FUEL CUT PARTS ON BOTH SIDES
IN ONE SINGLE PASS



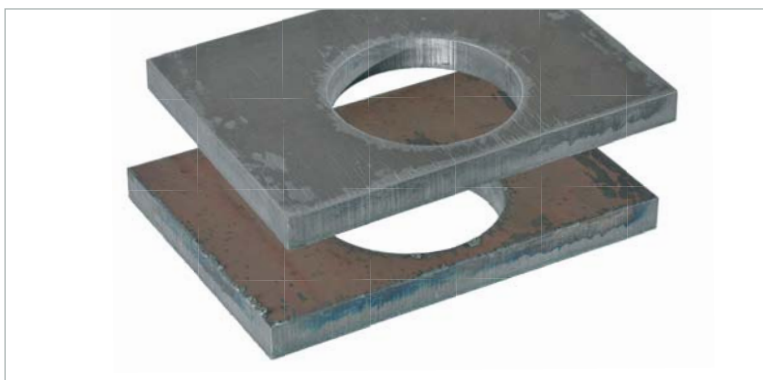
LISSMAC

METAL PROCESSING

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
voltage	400 V/50 H	400 V/50 H
current consumption of main motor	4 x 14,0 A	4 x 20,0 A
s - deburring unit:		
main drive motor	4 x 3,0 kw	4x3,0 kw
voltage	400 Volt/50 Hz	400 Volt/50 Hz
current consumption of main motor	4 x 6,9 A	4x6,9 A
total power main drive motors	98 A	122 A
total current consumption main motor	45 kW	54 kW
insulation class	IP 54	IP 54
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
total weight (without conveyor belts)	3787 kg	4145 kg
dimensions (W/D/H mm)	3100/2027/2060	3600/2027/2060



→ Subject to technical change without notice



Lissmac innovative systems for metal processing set high standards for metal finishing. Their unique method of simultaneously grinding, deburring, and edge rounding on inside and outside contours of laser plasma or oxy-fuel cut parts on both sides in one single pass is highly efficient. Lissmac saves processing times of up to 60% compared to conventional grinding machines.

Features and Benefits – Grinding and Deburring machine SBM-XL G2S2-NC

- Deburring and edge rounding of parts up to 120 mm material thickness
- Processing both sides of the parts simultaneously eliminates the need of turning heavy parts and processing them for a second time.
- Consistent edges on all outside and inside contours
- Dry operation – no hazardous grinding residues or complex drying systems
- Optimum utilization of the abrasive media which moves perpendicular to the feed direction
- Easy operation and maintenance
- Modular design, compact and sturdy construction
- Each tool unit can be individually operated and adjusted
- Each tool unit can be configured according to your specific application
- The operation of all Lissmac grinding, deburring, and edge rounding machines can be linked and sequenced together with innovative conveyor systems and combined single controls

Advantages compared to manual processing

- Significantly higher productivity combined with superior quality
- Consistent part quality
- Improved and safer work environment for your employees
- No flying sparks, dust, dirt or excessive noise due to automated process

OPTIONALLY AVAILABLE:

- DUST COLLECTION SYSTEMS
- CONVEYOR SYSTEMS
- MATERIAL HANDLING
- ROBOTICS & AUTOMATION
- ABRASIVE MEDIA

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