

CO2 laser type BLS-V

Best
Quality

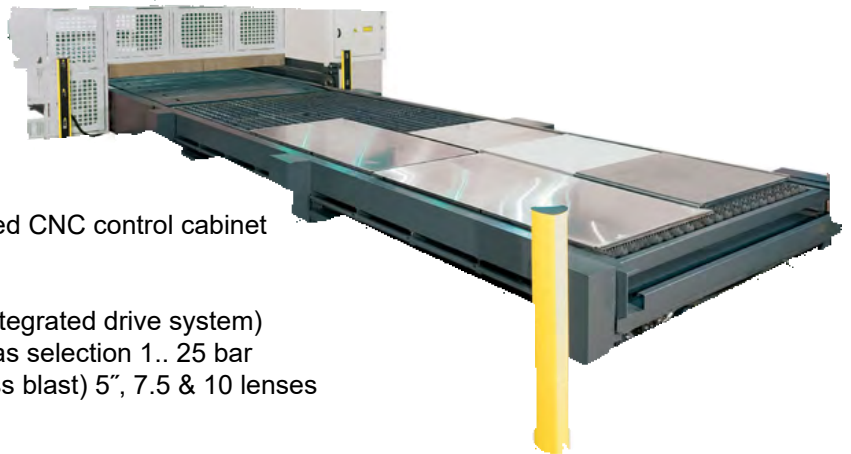


BLS-V 6020

The rigid machine frame provides a solid base for stable beam delivery optics and the high-speed gantry drive system. This design guarantees highest acceleration and deceleration rates without any mechanical vibration. BLS uses the latest linear drive technology and high laser power providing wide-range cutting capabilities, high flexibility and ease of use. While cutting thin materials at high speeds of up to 20 meters/min, it gives reasonable results in thick material up to 25 mm mild steel with consistently high quality surface finishes. A high pressure cutting head accepts a 5", 7.5" or 10" cutting lens. A safety system protects the cutting head from collision with the workpiece. BLS also provides sliding type doors in two sides for quick and easy access to the cutting area.

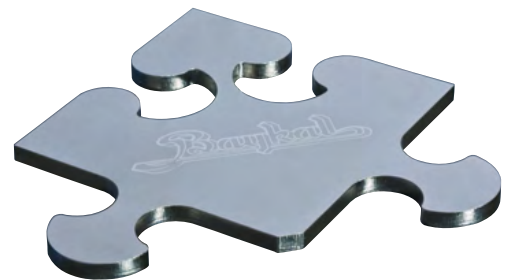
Standard:

- Gantry Linear Motion System
- Siemens 840D CNC
- Dual circuit water chiller
- Fiber optic beam delivery system.
- Windows XP operating system
- Ergonomic machine separated, free positioned CNC control cabinet
- 15" TFT colour monitor
- 10 MB Program data storage
- Transfer tables (dual palette) Hydraulic lift (integrated drive system)
- Programmable high pressure air / nitrogen gas selection 1.. 25 bar
- Advanced Precitec cutting head (with air cross blast) 5", 7.5 & 10 lenses
- Auto nozzle cleaning and calibration
- Standard fume extraction system
- Parts debris conveyor
- Lantek Nesting system
- In built safety systems (light guards & full enclosure as standard)
- CE Compliance



Uniqueness:

- Ease of processing both large and small size formats
- High speed water cooled linear motors
- No repositioning of plate ensure accuracy
- Fiber optic laser beam delivery system
- Simple operator interface and cutting database
- Dual pallets
- Superior accessibility to work areas
- Hand-held pendant for remote access to setup, adjustment and management of waste skeletons

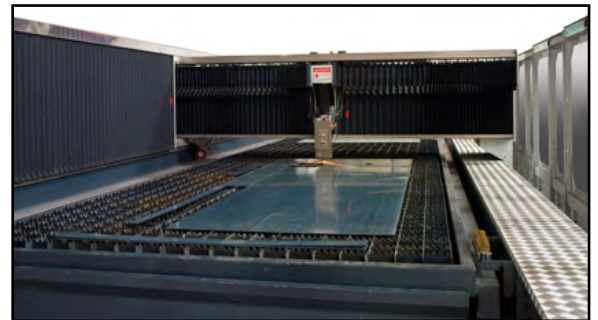


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Made in
EU
★★★

Table size	X= 3000-12000mm Y= 1500-3200mm Z= 120mm
Positioning speed	200 m/min / 280m/min
Acceleration	3G
Positioning accuracy	+/- 0,08mm
Axes repeatability	+/- 0,03mm
Cutting heads	7,5" & 10" lenses
Processor	2Ghz
RAM	2Gb
Network connection	RJ45 10/100mbit
Disc	160Gb
Control unit	Siemens 840D HMI



Capacity	Steel	Stainless	Alu
Power source	mm	mm	mm
3300 watt	16	10	6
4000 watt	20	15	10
5000 watt	22	18	12
6000 watt	25	25	15



Art. no.	Type	Width	Length	Height	Cutting width	Cutting length
		mm	mm	mm	mm	mm
24000	BLS-V 3015	7400	11500	2150	1500	3000
24002	BLS-V 4020	7900	13750	2150	2000	4000
24004	BLS-V 6020	7900	17750	2150	2000	6000
24006	BLS-V 8020	7900	21750	2150	2000	8000
24008	BLS-V 10020	7900	25750	2150	2000	10000
24010	BLS-V 12020	7900	29750	2150	2000	12000
24012	BLS-V 4030	8900	13750	2150	3000	4000
24014	BLS-V 6030	8900	17750	2150	3000	6000
24016	BLS-V 8030	8900	21750	2150	3000	8000
24018	BLS-V 10030	8900	25750	2150	3000	10000
24020	BLS-V 12030	8900	29750	2150	3000	12000