







karmetal
*SAW*lutions



VEGA 650x650 S-LINE AUTONOMOUS BAND SAW MACHINE

*Photo may feature machine with optional accessories.

CUTTING CAPACITY

	0°
	650 mm
	650 mm
	650x650 mm

TECHNICAL SPECIFICATIONS

Main Motor	15 kW, ~ 1.500 rpm
Hydraulic Motor	1,5 kW
Hydraulic Tank Capacity	42 Liter
Coolant Motor	0,37 kW
Coolant Tank Capacity	165 Liter
Conveyor Motor	0,37 kW
Swarf Brush Motor	0,25 kW
Bow Servo Motor	2.000 Watt, 3.000 rpm
Front Sliding Motor	Hydraulic
Rear Servo Motor	750 Watt, 3.000 rpm
Front Feeding Stroke	80 mm (Multi Indexing)
Rear Feeding Stroke	720 mm (Multi Indexing)
Blade Speed	20-200 m/min
Blade Dimensions	7.260 x 54 x 1.6 mm
Machine Weight	6.000 Kg
Working Height	780 mm
Machine Dimensions	2.005 x 4.795 x 2.385 mm

STANDARD ACCESSORIES

15,6" INDUSTRIAL PC

- Manual, automatic and intelligent cutting modes.
- All cutting datas can be stored and transferred to outsource.
- User authority definition.
- Access to mobile devices via mobile application.
- Communication via LAN and Wi-fi

INTELLIGENT SAWING (IPS)

- 13000 different predefined material.
- Materials are listed in 6 different standards.
- 4 different sawing performance mode (Normal, Blade Saver, High Performance, Ultra Performance).
- Heat treated material defining.

SERVO CONTROLLED BOW MOTION

- Ability to adjust the feed to 1mm/min.
- Reducing the load on the ball screw with the use of hydraulic cylinder.
- Full control on the cutting pressure.
- In case of a problem on the ball screw, hydraulic cylinder locks the system and avoids the bow drop.

HYDRAULIC FRONT AND REAR VISES





SERVO CONTROLLED FEEDING VISE

- Both front and rear vises are full stroke.
- Both front and rear vises have their fixed vises with a small motion.
- After the cut is finished, both vises move opposite direction of blade to avoid blade friction



HYDRAULIC BLADE TENSIONING

- The blade can be tensioned easily to 300N/mm²
- The blade tension is periodically controlled to avoid any loss of tension



SCRAPER TYPE CHIP CONVEYOR

- Speed control via frequency inverter.
- External warning light for faults on conveyor.
- Easy adjustment of operation frequency and duration.



HYDRAULIC BLADE CARBIDE GUIDES

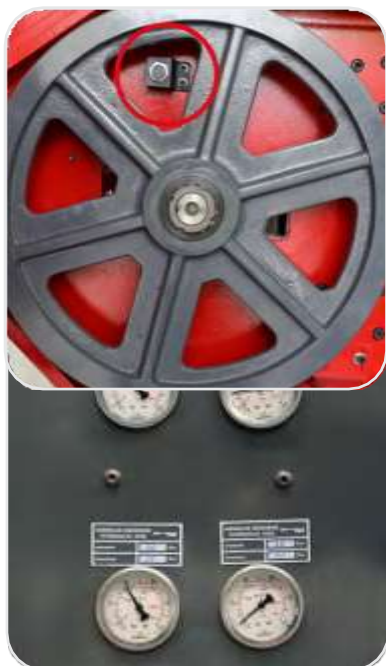
- Adjustable strip carbide pressure.
- TiN coated carbide laminae.



BLADE CLEANING BRUSH SYSTEM



MINERAL CASTING BODY



PROXIMITY SWITCH

- In case of a jam of blade, stops the machine immediately and warns the operator

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7 COLOR LED DISPLAY

- Blue when standby.
- Green while in operation.
- Red while not suitable for operation.
- Yellow while there is a warning during operation.



2x2 M ROLLER TABLE WITH SIDE AND BOTTEM SHEET COVER

OPTIONAL ACCESSORIES



COOKED CUTTING DETECTOR

- Deviation limits can be adjusted by the operator.
- Instant deviation is monitored on the 15" screen.

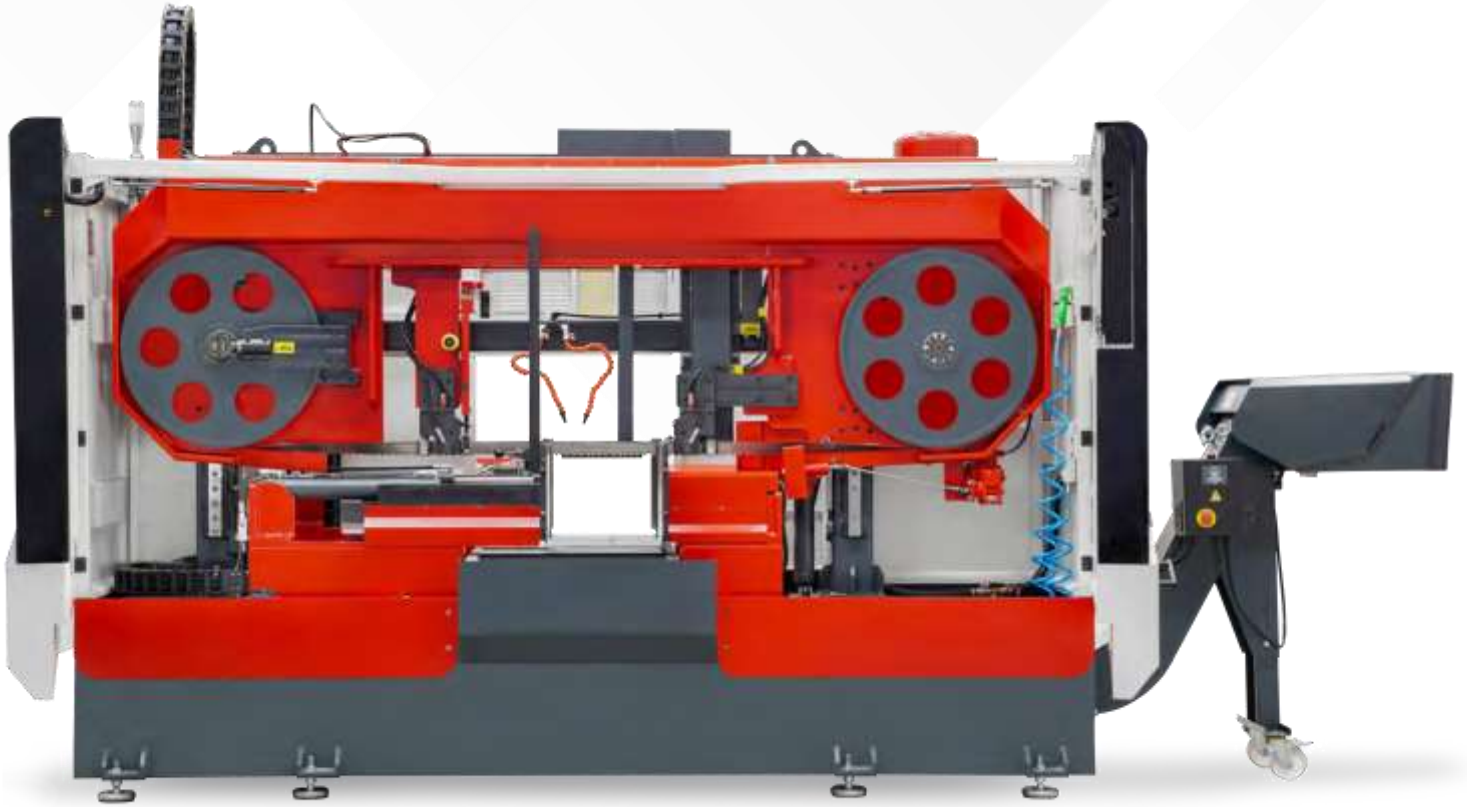
- Additional to standard roller tables special material feeding systems can be supplied.
- Motorized roller feeders in required length.
- Servo feed systems in required length.
- Cross conveyors to shift the material between conveyors.



LASER LINE INDICATOR



MICRO MOLECULAR COOLANT SYSTEM



TERMS

Delivery (After Receipt of written PO) :
Type of Delivery : **Exworks**

WARRANTY CONDITIONS

The machine is under the warranty of KARMETAL LTD. ŞTi. For a period of 2 years for mechanical parts, 1 year for electric and electronic parts from the date of purchase. This warranty is subject to all of the terms and conditions listed below:

1. This warranty is valid only if the Warranty Registration Form is filled in and returned to the manufacturer or its authorized dealer within **two months after the** date of purchase.
2. The obligation of the manufacturer under this warranty shall be limited to repairing or replacing components which proves defective and which our examination shall disclose to our satisfaction to be defective.
3. Defects due to improper operation, misuse, neglect, alteration, irregular voltage conditions, inadequate wiring, improper installation (**all electrical and electronic components, all electrical motors etc.**) and due to accidents or any damage caused by transportation, flood, fire, natural disasters, theft are not included in this warranty and are strictly the responsibility of the purchaser.
4. Any part returned to KARMETAL or its authorized dealer under the terms of this warranty shall be on the basis of transportation charges prepaid by the customer and must be accompanied by a record of the machine model code and serial number.
5. This warranty does not apply to the following components; band saw blade, blade pressure pads or brackets and blade guide bearings **because of being consumables.**
6. Manufacturer and authorized dealer cannot be blamed within maximum repair period for the material or moral damage. Apart from that act the period as Warranty Conditions and there will not be done any retroactive requirement



KAR METAL SANAYİ ve TİCARET LİMİTED ŞİRKETİ



+90 264 276 59 16



info@karmetal.com.tr



www.karmetal.com.tr



Sakarya 1.OSB. 10. Cadde No:11
Arifiye/SAKARYA/TÜRKİYE



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