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VEGA 650x650 AUTONOMOUS BAND SAW MACHINE






*Photo may feature machine with optional accessories



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VEGA 650x650 AUTONOMOUS BAND SAW MACHINE

CUTTING CAPACITY

	0 °
	650 mm
	575 mm
	650 x 650 mm
	450 x 450 mm

TECHNICAL SPECIFICATIONS

Main Motor	: 7,5 kW
Gearbox	: Bevel Helical PKD 3390 High Efficiency
Hydraulic Motor	: 1,5 kW
Coolant Motor	: 0,20 kW
Conveyor Motor	: 0,37 kW
Swarf Brush Motor	: 0,25 kW
Material Feeding Stroke	: 750 mm (Multi Indexing)
Servo Feed Motor	: 750 Watt, 3000 rpm
Bow Servo Motor	: 750 Watt, 3000 rpm
Blade Speed	: 30-140 m/min
Blade Dimensions	: 6.700x54x1,6 mm
Machine Weight	: 3.800 kg
Machine Dimensions	: 2.000 x 3.850 x 2.150 mm

STANDARD FEATURES

PLC Control Panel

Only control panel without buttons Error page
Alarm list
Easy language selection Easy denomination selection



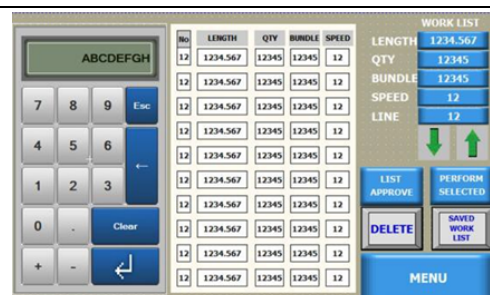
11 Alternative Language

11 Alternative Language
Turkish, English, Deutsch, Italian,
French, Spanish,
Polish, Korean, Swedish,
Russian,
Arabic (
Different language installable)



Work List Page

50 different works can be saved.
Operator can select all programs or just one line
to progress recorded program



Inverter

Provides to adjust blade speed up to workpiece diameter, thickness and hardness.



Servo Controlled Feeding Vise

- Servo motor driven feeder vise with 750 mm stroke
- Both front and rear vises are full stroke
- Both front and rear vises have their fixed vises with a small motion



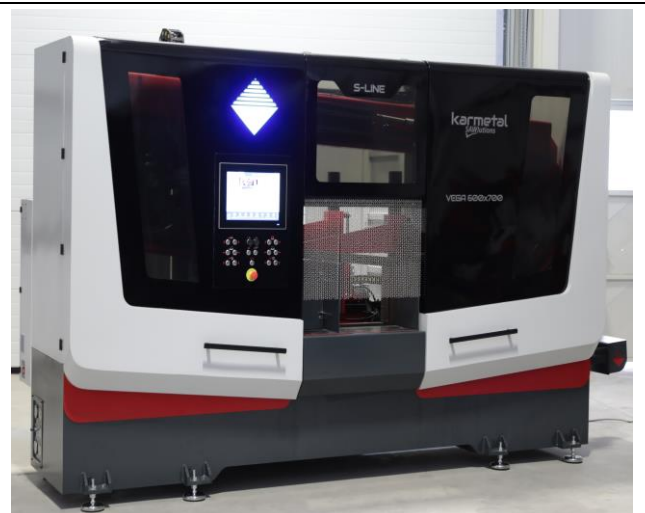
Hydraulic Blade Tensioning

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



Cover

- Elegant design
- Compatible with international safety regulations (2 contact safety relay etc.)
- Noise and steam isolation



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
- Flashing red while operation is interrupted because of an alarm during operation
- Flashing green when operation is finished
- Purple while the ICS in progress



Chip Conveyor

Remove swarfs from machine by Motor driven conveyor.



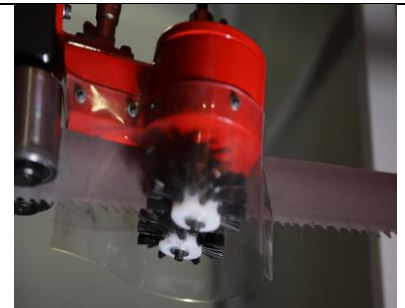
Proximity Switch

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



Blade Cleaning Brush System

- System with two brushes in two sides of the blade
- 900 RPM rotating brushes
- High pressure coolant for cleaning



Adjustable Pressures on Vises, Blade Tension and Carbide Guides



2x2 mt Roller Table With Side and Bottom Sheet Cover

2 mt Roller Table With Top and Side Fixing Bars

Hydraulic Front and Rear Vises

- All four vise are mobile and hydraulic



Hydraulic Top Clamp For Both Front and Rear Vises

- Top Clamps are separately controlled with the vises
- Full clamping tower type top clamps



OPTIONAL ACCESSORIES

A. Out of Square Cutting Detector

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



B. Mist Collector



C. Fully Automated Material Feed System

- 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



D. Laser Line Indicator



F. Micro Molecular Coolant System

