












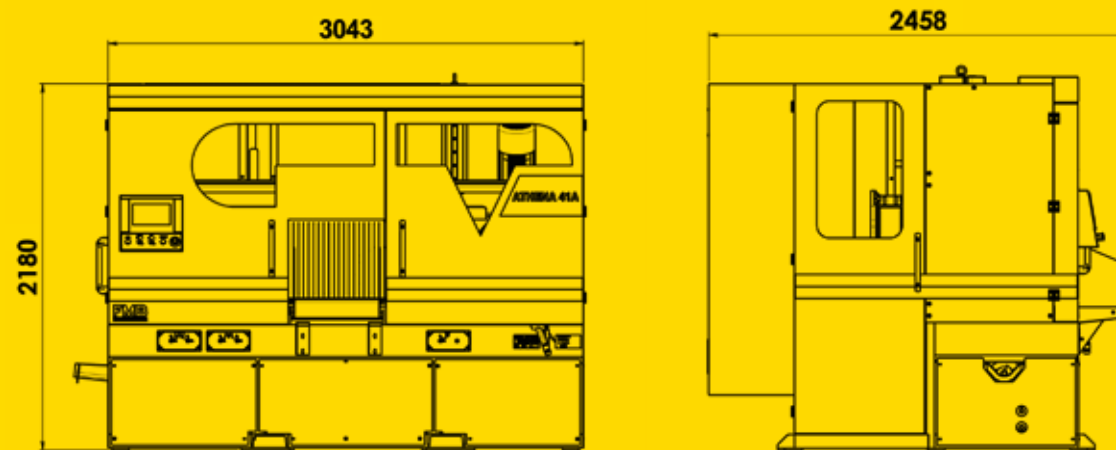


ATHENA41A

CUTTING CAPACITY				
				
Ø mm	mm (axb)	mm (axb)		
460	460	460x460		
TECHNICAL DATA				
				
mm	m/1'	kW	kW	kW
5730x41x1,3	16÷120	4,0	2x0,20	1,5
				
kW	Kg	m axbxc	mm	mm (hxb)
0,13	3000	2,8x2,4x2,1	900	460x460



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ATHENA 41A

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AUTOMATIC DOUBLE COLUMN BAND SAW MACHINE
 For cutting at 0° with dimensions up to 460x460 mm

ATHENA41A

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- The machine is completely guarded, with an easy access for blade changing and ordinary maintenance.
- Possibility to load material directly on the carriage by bridge crane.
- Standard screw chips conveyor, which can be assembled either on the right or on the left side of the machine.
- 500 mm long feeding carriage stroke with supporting structure, controlled by recirculating screw and encoder.
- Standard hydraulic blade stretching by manual selector.
- Shortest length of residual piece 75 mm (with MSR option = 20 mm).
- Carriage vice and cutting vice equipped with full-stroke cylinders.
- LED working area lighting.
- Wide 180 l tank for the cutting liquid with double water pump and 6 refrigerating utilities.
- Head descent on double column and linear guides controlled by SW.
- Automatic positioning movable blade-guide frame.

- Carriage vice with moving back fixed jaw, to allow the processing of crooked bars.
- Lubricated and motorized blade-cleaning brush.
- Mechanical device for material presence detection on the feeding carriage.
- Blade speed control sensor.
- 10" touch screen control panel, software equipped with an innovative user interface.
- Automatic managing of the best cutting parameters done by specific SW.
- Automatic managing of the fast head descent for a fast approach to the material.
- Possibility to make interrupted cuts.
- Vertical vices option which is not affecting the cutting capacity.
- The carriage moves back at the end of the cut in order to avoid damages on the blade.
- The machine can be moved using a forklift.
- Possibility to choose, during the purchase, the inclination of the blade: 0° or 1,5°.
- Totally free working area for the best extraction of the chips.



OPTIONS

LX Laser cutting line lighting.

RPM2 Vices pressure regulation.

MV-A Vertical vices for bundle cuts.

NB1/NB2 1 or 2-nozzle nebulizer for blade lubrication.

MSR Vice with reduced scrap (20 mm).

TC-A Containment frame for bars cutting.

CDL Blade deviation control.

MT-A Teleassistance module.

