

Maximum cut off stock			
Cutting at angle 90 °	mm		420
			410
			420×410
Bundle clamping capacity max.	mm		
Material support height	mm		630
Sawband speed	m/min		15-100
Sawband dimensions	mm		5300x34x1.1
Stock feeding:			
single	mm		500
repeatedly	mm		9999.9
Shortest length of residual piece in automatic mode	mm		70

Drive power:		
Saw motor	kW	4
Coolant pump	kW	0,12
Hydraulic motor	kW	1,5
Chip brush	kW	x
Overall dimensions:		
length	mm	2670
width	mm	1600
height	mm	1800
Net weight	kg	2500

The model **OL 421 AP** is a high efficiency gantry type bandsaw cutting machine designed for straight cutting of solids, pipes and profiles of ferrous and non-ferrous metals for industrial usage and universal application.

Powerful, reliable and precisely working, the cutting machine **OL 421 AP** is designed for achieving of maximum productivity even at carbide tipped cutting blades application, as well as one or many shift working mode. The machine works perfectly in cutting of materials requiring higher cutting forces.

The model **OL 421 AP** is controlled on base of an industrial programmable controller having opportunity for setting of 99 programs containing number of the bars being cut.

The cutting speed is assured by an asynchrony electric motor and it is frequency controlled at the range of $15 \div 100$ m/min.

The machine ***OL 421 AP*** belongs to the category of fully-automatic machines equipped with a hydraulic system, allowing automation of many working operations (material clamping in the vice, saw bow movement up and down), and a cutting force control. The machine is equipped with a system for automatic tracking both of the feeding speed and the cutting force. At the cutting feed extremely increasing the saw bow slows automatically to its full stop and smoothly increasing up to the set value after the cutting force is normalized.

The model ***OL 421 AP*** assures maximum productivity by a significantly increasing of the material usage and minimum remnant piece of 70 mm in automatic mode.

Saw bow feeding – hydraulically;

Saw bow lifting – hydraulically;

Material feeding – hydraulically;

Material clamping – hydraulically;

Saw blade tensioning – manually;

Cutting length setting – manually;

Movable band guide adjustment – automatically;

Power, wear resistance and higher accuracy;

Maximum productivity;