

Maximum cut off stock			
Cutting at angle 90 °	mm		330
			330
			500×330
Cutting at angle 45 °	mm		330
			330
			360×330
Cutting at angle 30°	mm		215
			215
			215×330
Material support height		mm	700
Shortest length of residual piece in automatic mode		mm	185
Sawband speed		m/min	15-100
Sawband dimensions		mm	4700×34×1,1

Stock feeding:		
single	mm	850
repeatedly	mm	9999.9
Drive power:		
Saw motor	kW	4
Coolant pump	kW	0,12
Hydraulic motor	kW	0,75
feed motor	kW	1.1
Overall dimensions:		
length	mm	2700
width	mm	2350
height	mm	1650
Net weight	kg	2700

The model **OL 330/500G AP nc** is a high efficiency automatically operated bandsaw cutting machine with parallel saw bow guiding for industrial usage and ultimate application of cutting of solids, pipes and profiles of ferrous and non-ferrous metals.

The model **OL 330/500G AP nc** is based on industrial programmable controller. It has possibility for making up to 99 programs containing number of parts and length of cutting. The main features of the control are the simplicity, understandable and easy to learn. It has the opportunity for minimizing of mistakes and allows frequently changes of the serving personnel. The connection between the operator and the machine is performed by a 5.7" touch screen. The communication is entirely on Bulgarian or English language.

The construction of **OL 330/500G AP nc** allows precisely infinitely variable adjustment of the cutting angle with automatically fixing and visualization by a digital read-out screen, accuracy of 0,1°.

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 cutting process performs automatically without operator's involvement. The saw bow runs downwards via gravitational way and the feeding speed is controlled by a hydraulic cylinder and a valve.

The machine ***OL 330/500G AP nc*** 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 330/500G AP nc*** has an integrated precisely playless guiding of the movable clamping device by prismatic linear bearings..

Saw bow feeding – hydraulically;

Saw bow lifting – hydraulically;

Material feeding – by a ball screw couple;

Material clamping – hydraulically;

Saw blade tensioning – manually;

Saw bow fixing – hydraulically;

Movable band guide adjustment – manually;