

Cutting range			
	Capacity at 90 °	mm	420
			410
			420x410
Material support height		mm	630
Sawband speed		m/min	15-100
Sawband dimensions		mm	5300x34x1.1
Drive power:			
Saw motor		kW	4
Coolant pump		kW	0,12
Hydraulic motor		kW	0,75
chip conveyer		kW	0,18
Overall dimensions:			
length		mm	2670
width		mm	1100
height		mm	1800
Net weight		kg	1650

The model ***OL 420 HP*** is a high efficiency semi-automatically operated bandsaw cutting machine with parallel saw bow guiding for industrial usage and ultimate application for cutting of solids, pipes and profiles of ferrous and non-ferrous metals.

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 profile shall be clamped hydraulically and the cutting cycle runs automatically: material clamping, cutting, saw bow goes upwards, material releasing.

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 420 HP*** belongs to the category of semi-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.

Saw bow feeding – hydraulically;

Saw bow lifting – hydraulically;

Material clamping – hydraulically;

Saw blade tensioning – manually;

Cutting length setting – manually;

Movable band guide adjustment – automatically;

Easy maintenance, minimal required floor space;

Simple servicing and long working life;