

Cutting range			
	Capacity at 90 °	mm	450
			440
			440×440
	Capacity at 45 °	mm	160
			160
			160×330
Bundle capacity max.		mm	
Material support height		mm	800
Sawband speed		m/min	15-100
Sawband dimensions		mm	4900x34x1,1
Drive power:			
Saw motor		kW	5,5
Coolant pump		kW	0,12
Hydraulic motor		kW	0,75
Chip brush		kW	x

Overall dimensions:		
length	mm	1400
width	mm	2400
height	mm	1490
Net weight	kg	1400

OL 450H – semi-automatic, swing frame type bandsaw cutting machine for industrial usage and ultimate application for cutting of solids, pipes and profiles of ferrous and non-ferrous metals.

The construction of the model **OL 450H** allows infinitely variable rotation of the clamping vice jaws for angle cutting in the range of $90^{\circ} - 45^{\circ}$ at right with adjusting accuracy of 1° by a scale.

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.

Infinitely variable cutting speed – via frequency inverter of the main asynchrony electric motor in the range of $15 \div 100$ m/min.

The model **OL 450 H** 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 – manually;

Saw blade tensioning – manually;

Cutting length setting – manually;

Easy maintenance, minimal required floor space

Simple servicing and long working life