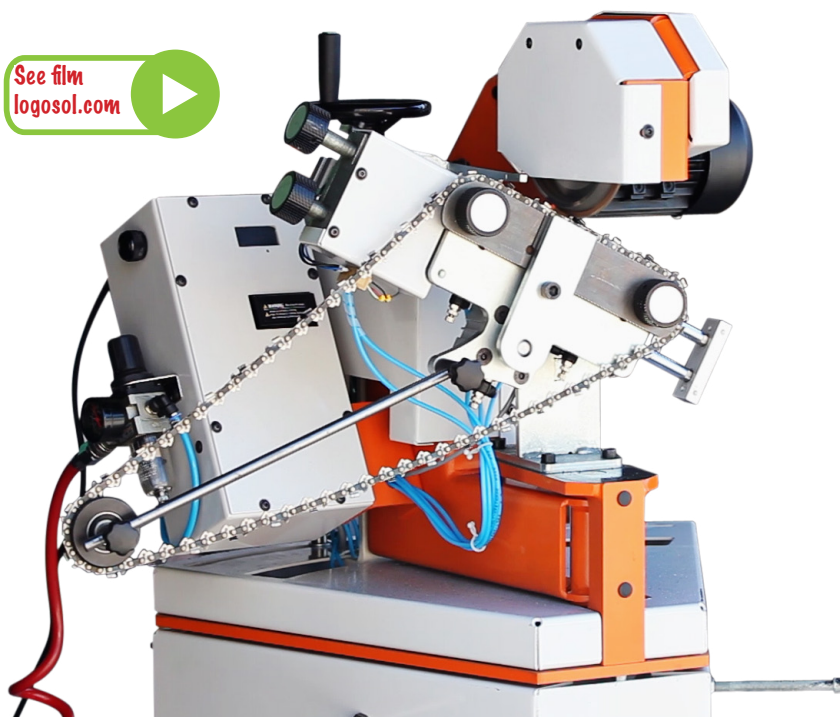


## COMBI GRINDER

Unique Robot sharpens both Chains and Blades

See film  
[logosol.com](http://logosol.com)



- ✓ Sharpens automatically all types of chains
- ✓ Attachment for sharpening bandsaw blades
- ✓ The mechanism is run by compressed air
- ✓ Stable and balanced structure gives vibration-free operation.
- ✓ PLC with a counting device that can be updated to new functions, is included as standard.

With the new grinding machine LOGOSOL aims at businesses that offer sharpening service for harvester chains, chains for firewood processors and saw chains. The unique sharpening technique is based on a smart grinding tool with double functions. The depth gauge is sharpened by the grinding wheel to which smaller discs for different tooth designs can easily be fitted. When the tool is lowered, both the tooth and the depth gauge are sharpened into the right angle and measurements.

The mechanism is run by compressed air and sharpens automatically. To get a perfect sharpening operation, there is a belt transmission between the motor and the grinding disc, which takes away all vibrations. During the sharpening operation the chain is secured with a pressure of one metric ton. This way, you get completely accurate angles and a super-sharp result.

A unique advantage is the optional attachment for sharpening bandsaw blades. The grinding machine can also be supplemented with a stand, and automatic resetting between right and left side grinding.

*"This machine is powerful and sharpens extremely well. When you turn it on, it resembles an industrial robot. It is easy to use with a default proportion between tooth depth and depth gauge setting."*

Mattias Byström,  
Product Manager at Logosol



## Technical Data

Driving system	Electric pneumatic
Electric motor	0.25kW, frequency controlled
Control system	Fully automated
Top plate filing angle	30°
Cutting angle	0-30° automatic left and right setting available.
Type of chain	Standard
Drive links	1/4, 325, 3/8, 404
Drive link thickness	1-3 mm
Power supply	230 V, 50 Hz (all other voltages possible)
Compressed air requirements	6 Bar / R 1/4" quick release
Weight	70 kg (440 lbs)

## Setting Options:

(with or without turning the grinding head)

- ✓ Drive link thickness
- ✓ Chain pitch
- ✓ Sharpening depth/Depth gauge height
- ✓ Take-off/tooth length
- ✓ Compressed air
- ✓ Number of teeth

## CBN Wheels

Type of chain	CBN Wheels
1/4"	3 mm grinding wheel
.325"	4 mm grinding wheel
3/8"	4 mm grinding wheel
3/8" low profile	3 mm grinding wheel (with smaller diameter)
.404"	5 mm grinding wheel
.404" Stihl Rmhs	5.5 mm grinding wheel

*All grinding wheels are available with rough, medium and fine grain sizes.*

## TWO-YEAR WARRANTY

Doing business with LOGOSOL is safe. We provide you a two-year warranty on our machines. The warranty covers manufacturing defects and problems that have occurred during normal use of the machines, with the exception of consumable items.



## 2 MONTHS MONEY BACK GUARANTEE

This means that when you have paid for the machine, you have two months to decide whether the machine suits you. If you want to return the machine, you only pay for the return freight. Cutting equipment and other consumable items are not included in the money back guarantee.



## SERVICE ALL OVER THE WORLD

The distributor in your country provides service on the products. At our headquarters in Sweden we are prepared to offer LOGOSOL customers our almost 20 years of experience in designing and working directly with LOGOSOL equipment.



## CONTACT US

Please find your local distributor at [www.logosol.com](http://www.logosol.com) or call LOGOSOL Sweden +46 (0)611 182 85. Web-shops available on selected markets, see [www.logosol.com](http://www.logosol.com).

**See video about the Combi Grinder on [logosol.com](http://logosol.com)**

