

# Operating Instructions

## Electric Reciprocating Saw 5 1215 0070



### Technical Characteristics

rated voltage:	110/120 V AC
rated power input:	1200 W
frequency:	40 - 60 Hz
loaded speed:	200 – 400 strokes/min
protection class:	II
interference suppression:	as per DIN VDE 0875, EN 55014
weight (net):	approx. 7.8 kg

***This machine is intended for professional use only***

The conformity with the 73/23/EEC and 89/336/EEC guidelines is indicated by the CE symbol.

All rights of changes reserved, due to technical development!

### Safety Instructions



1. Riskless work with the machine is only possible if you read this operating instruction completely and follow the instructions contained therein strictly.
2. Before every use check the machine, cable and plug. Damages have to be eliminated by an authorised specialist only. Take care that the machine is switched off when the plug is inserted into a power receptacle.
3. The machine must neither be wet, nor be used in humid ambient conditions.
4. Use only extension cables and plugs that are intended for outdoor use and are protected against splash water.
5. Switch off the machine before laying aside.
6. Pull the power plug and ensure that the switch is off if the machine is uncontrolled during erection and demolition work, at a voltage drop (below 100 V) and during adjusting or fitting of accessories.
7. Switch off the machine if it stops - for any reason - to avoid the unexpected starting in uncontrolled condition.
8. Do not use the machine if parts of the housing are defective or switch, supply line or plug are damaged. (Daily visual inspection!)
9. Take care that sparks - caused by the work - do not endanger any persons or any inflammable materials catch fire. (Cooling of saw blade with water).

10. Take care that at work under dusty conditons ventilation slots are free. If it is necessary to clear the dust, first separate the machine from supply mains (use only non-metallic subjects, e.g. brush or broom) and avoide damage of inner parts.
11. Always lead away the power cable at the side of the machine
12. Hold the machine always with both hands during work.
13. Always consider the reaction moment of the machine.
14. Do not touch rotating parts.
15. For long hair, wear hair protection.
16. Wear safety glasses (danger of injury through chips)
17. Wear safety gloves ( injury by cutting oneself on sharp-edged workpieces).
18. Wear protective clothing.
19. Ensure that you maintain a good footing and proper balance at all times.
20. Never work under the influence of alcohol, drugs or stronger medication.
21. **Follow the general current and appropriate Accident Prevention and Safety Procedures.**

## Intended Use

The machine (**Reciprocating Saw**) serves for cutting (shortening, cutting off to length) of different materials and profiles. Mainly the saw will be used fixed in a clamping device that is corresponding to the intended purpose.



But cutting without clamping device is also possible!

## Improper Use:

Working without personal protective equipment!

**The user is responsible for damages caused by improper use.**

## Putting into Operation

The operating voltage must correspond with that indicated on the identification plate. Machines designed for 110 V, can be used with 120 V, as well.

## Switching on and off

### Short-Time Operation

switching-on: press the on/off switch  
switching-off: release the on/off switch

### Permanent Operation

switching-on: press the on/off switch and, keeping it pressed, engage the lock button  
switching-off: press the on/off switch and let it go off again

## Electronic Speed Control System

The saw is equipped with an electronic, which realises the functions:

### - Infinitely variable speed adjustment with the controller speed:

Position	<input type="text" value="1"/>	⇒	slow
Position	<input type="text" value="7"/>	⇒	fast

### - Thermal overload protection:

When continuous overload is applied (despite the electronic device) a thermal protection will protect the motor from destruction.

When the thermal overload protection has worked, it is not possible to start the machine immediately after.

It is only after some cooling time that the machine can be restarted.

The time needed to be able to restart the machine will be varying to the overheating of the coil and the ambient temperature.

**Important notice: The stop of the machine caused by overload protection is no failure. After an adequate time it is possible to restart working**

## **Care and Maintenance**

**Before working on the machine disconnect it from power supply!**

Due to its design, the machine needs a minimum of care and maintenance.

**Nevertheless, you should always observe the following:**

- Keep the electric machine and its ventilation slots always clean.
- Do not allow any impurity to pass inside the machine.
- In case of failure the repair should be carried out by an authorised service workshop only.

## **Noise Emission**

The typically A-weighted noise level of the machine is:

**Sound pressure level: 81 dB (A)**

**Wear ear protection!**