

# ***Instructions for Gilding Roller.***

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## Table of Contents

Service hotline:.....	9
Table of contents.....	10
<b>1. Technical data, Scope of delivery and Safety regulations .....</b>	<b>11</b>
1.1 Technical data.....	11
1.2 Scope of delivery.....	11
1.3 Safety regulations .....	11
<b>2. Putting into operation .....</b>	<b>12</b>
2.1 Connecting the edge-gilding roller.....	12
2.2 Preparing the book edge.....	12
2.3 Applying the primer .....	13
2.4 Gilding .....	13
2.5 Finishing the process .....	13
2.6 Care and storage .....	13
<b>3. Recommended accessories .....</b>	<b>14</b>
3.1 Thermostat .....	14
3.2 Double-screw edge-gilding presses .....	14
3.3 Edge-gilding primer.....	14
3.4 Edge-gilding foil.....	14

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# 1. Technical data, Scope of delivery and Safety regulations

## 1.1 Technclal data

**Model:**

Edge-gilding roller with 50 mm roller width

**Power supply:**

230 V - 50 Hz (A.C.)

**Power draw:**

50 Watts

## 1.2 Scope of delivery

- Edge-gilding roller with electric connection
- Silicone roller, 50mm wide (fitted)
- Hexagon key 3 mm

The contents may change due to innovations.

## 1.3 Safety regulations

This device is electrically heated. The roller and the roller support are getting hot and must not be touched.

Exchanging the silicone roller or opening the switchbox built into the handle must only be done by instructed personnel. In any case, pull out the power-supply plug as otherwise, there is a risk of electrocution. The operator is to be advised of this risk before using the device.

## 2. Putting into operation



Before the putting the equipment into operation the safety instructions must be fully read and understood, and complied with.

The edge-gilding roller is electrically heated and **must** be operated with an external thermostat as otherwise, the device would be overheated. Overheating would destroy the silicone layer on the roller.

As an optional accessory, we supply a suitable thermostat with temperature control (s. Ch. 3.1).

There is no generally valid value available for setting the correct operating temperature. The right temperature must be found individually by testing. Plug the edge-gilding roller into the thermostat and choose the lowest temperature available (scale value 1). Wait for at least 10 minutes and then increase the temperature in small steps. Wait again between each step and test the temperature. The correct operating temperature of 120 - 130°C is reached when the edge-gilding foil releases easily when applying it on a piece of paper. Should the temperature chosen be too low, it may be increased slowly.

In any case, wait for at least 10 minutes after any modification until the roller has reached the set temperature.

**The thermostat must never be set to the maximum, e.g. to speed up the heating process**, as the heat is created in the inner core of the roller and is then spread towards the outside with a certain delay.

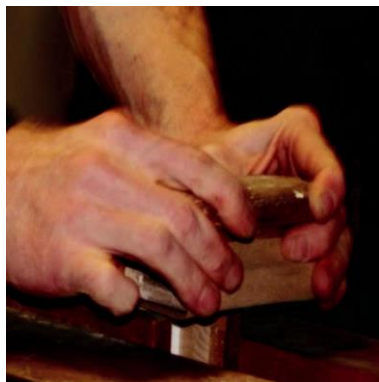
Once you have found the correct setting, note the value somewhere for future applications.

### 2.2 Preparing the book edge

Put a piece of cardboard (3 - 4 mm thick) to each side of the book block and then fix it in an edge-gilding press (s. Ch. 3.2) in such a way that the edge juts out by approx. 6mm. The book block must be clamped tightly.



Now the edge must be ground straight. This can be easily done with a belt grinder available in DIY stores. Remove the basic unevenness with a coarse belt (graining 100). Then use a very fine belt (graining 400 or 600) to get a plain and sleek surface. Grinding may also be done manually.



## 2.3 Applying the primer

Pour the edge-gilding primer (s. Ch. 3.3) onto a cloth and apply a thin layer evenly on the edge. Then let it dry and repeat the procedure. Do not apply one thick layer instead as the book pages might otherwise stick together.



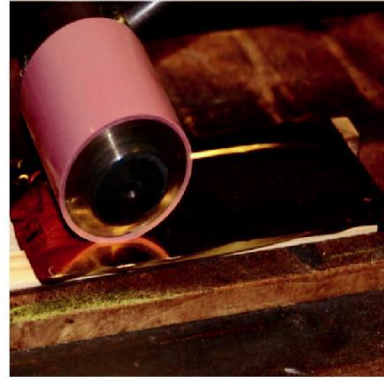
## 2.4 Gilding

After preparing the edge, cut a piece of edge-gilding foil (s. Ch. 3.4) to size and fix it onto the clamp above the book edge with some tape.



Now place the pre-heated edge-gilding roller carefully onto the foil and the book edge below and move the roller along the edge applying light pressure only.

After placing the gold foil onto the edge it is fixed by increasing the pressure slowly.



## 2.5 Finishing the process

When taking the book out of the press, do not open it immediately, but move the edge in waves to that the gold layer splits page by page.



## 2.6 Care and storage

Impurities on the rubber must never be removed with sharp or peaked tools as this would damage the smooth surface and thereby deteriorate the gilding quality. Suitable solvents should be used only.

Lubrication is not required and is not recommended.

When storing the roller, make sure it does not lie on the rubber layer as otherwise, the surface might deform.

### 3. Recommended accessories

#### 3.1 Thermostat

with single shock-proof socket and control light,  
230 V – 50-60 Hz (A.C) – item no. 6707-010



#### 3.2 Double-screw edge-gilding presses

##### Edge-gilding press, large

Width between screws: 45 cm - item no. 6030-045



##### Edge-gilding press, small

Width between screws: 35 cm - item no. 6032-035



#### 3.3 Edge-gilding primer

for foil gilding

Contents: 250 ml, item no. 3845-001



#### 3.4 Edge-gilding foil

for use with heated edge-gilding roller

Roll width: 78 mm , Roll length: 61 mts

Colour: gold - item no. 3848-061

Colour: silver - item no. 3848-062

