

# HSL-Töpferscheiben

[www.hsl-toepferscheiben.de](http://www.hsl-toepferscheiben.de)

english

Operation Instructions

- HSL Junior VS -

... a product of Johannes-Diakonie



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## 2. EC-Declaration of Conformity

the manufacturer: Schwarzacher Werkstätten  
Schwanheimer Str. 23  
D - 74869 Schwarzach

hereby declares, that the  
product:

**product description:** potter's wheel

**type / model:** HSL JUNIOR VI

meets all applicable requirements of the Machinery Directive **(2006/42/EC)**.  
The machines continue to meet all requirements of the EMC Directives **(2014/30/EU)**.

Specifically applied harmonized standards:

**DIN EN ISO 12100:2010** Sicherheit von Maschinen - Allgemeine  
Gestaltungsleitsätze - Risikobeurteilung und  
Risikominderung

**DIN EN 60204-1** Sicherheit von Maschinen - Elektrische Ausrüstung von  
Maschinen, Teil 1: Allgemeine Anforderungen

Mr. Stegmaier, head of the department at the Schwarzacher Werkstätten, Schwanheimer  
Str. 23, 74869 Schwarzach, is authorized to compile the technical documentation.

Schwarzach, 24 May 2023



Mr. Michael Werner  
Head of the Schwarzacher Werkstätten

Available to download on the website:  
Manufacturer Declaration of Conformity (DC Gear Motor)  
Manufacturer Declaration of Conformity (Tabletop Power Transformer)

### 3. General Safety Instructions

#### Danger



Never plug the cable into the socket with wet or damp hands.

#### Danger



Electrical repairs and maintenance work should only be performed by qualified electricians. Do not insert hands or objects into openings.  
*There is a risk of electric shock or other injuries.*

#### Danger



The pottery wheel should only be used for forming ceramic materials.

#### Danger



Only ceramic materials may be placed or rotated on the wheel head.  
*Use available or self-provided work surfaces for buckets of water and tools.*

#### Danger



Do not leave children unattended near pottery wheels. Keep tools and small parts out of reach of children.  
*There is a risk of injury.*

#### Danger



If smoke, unusual smells, or noises are emitted, turn off the device immediately.  
*Disconnect the power supply and unplug the power cord. Inform the manufacturer or dealer.*

#### Note



Clean the device only according to the operating instructions. Do not put it in the dishwasher or similar.  
The warranty will be void if the pottery wheel is misused.

## 4. Scope of Delivery



The following items are packaged in a secure cardboard box:

- Pos. 1 Pottery Wheel Junior VI, incl. Ø 240 mm wheel head (1 piece)
- Pos. 2 Removable splash pan (1 piece)
- Pos. 3 On/Off switch (1 piece)
- Pos. 4 Foot pedal (1 piece)
- Pos. 5 Rubber stopper (1 piece)
- Pos. 6 Table power supply (1 piece)
- Pos. 7 XLR socket for the table power supply (1 piece)
- Pos. 8 Jack socket for pedal (1 piece)
- Instruction manual (1 piece)



**Please check for completeness**

IMPORTANT

## 5. Description of Components



### Short description

This small pottery wheel is ideal for courses and beginners! It is very compact, handy and very easy to transport and assemble. The wheel is excellent for smaller pottery items and is easy to use.

The **Junior VI** is also frequently used in pottery courses and schools due to these properties.

## 6. Manufacturer's Information

The machine is used to make rotationally symmetric bodies from wet, ceramic masses with the hands.

<b>Device Name:</b>	<b>HSL Junior VI pottery wheel</b>
<b>Manufacturer:</b>	Johannes-Diakonie Mosbach  Schwarzacher Werkstätten Schwanheimer Straße 23 D-74869 Schwarzach Tel: +49 6262 22-402 Fax: +49 6262 22-551 <a href="http://www.hsl-toepferscheiben.de">www.hsl-toepferscheiben.de</a>
<b>Drive:</b>	DC motor 75 watt, quiet, maintenance-free
<b>Voltage:</b>	low voltage protection
<b>Rotational Speed:</b>	Steplessly adjustable
<b>Foot pedal:</b>	Stays at any speed
<b>Dimensions:</b>	
Height(h):	150mm
Diameter (Ø):	415mm
Wheel headØ):	240 mm aluminum turntable with centering grooves, bearing on axial ball bearings
<b>Weight:</b>	10kg
<b>Case:</b>	Powder-coated metal case with 4 rubber feet, maintenance-free, easy to clean, on/off switch, separate power supply, stepless drive, handy
<b>Centering performance:</b>	Max. 5kg
<b>Splash pan:</b>	Polystyrene with drain, easily removable, easy to care for and clean working through splash pan
<b>Noise emissions:</b>	Lp Arbpl < 70 dB (A)

**Warranty:** 2 years

**CE compliant:** YES

**DGUV test:** In work



**This potter's wheel is intended for pottery and working with clay only! Do not misuse in any way!**



**In the event of misuse of the machine, any warranty claims are forfeited!**

**Please send inquiries and orders to:**

**HSL-Töpferscheiben**

Johannes-Diakonie Mosbach  
**Schwarzacher Werkstätten**  
Melanie Wilhelm

**Schwanheimer Straße 23**

**D 74869 Schwarzach**

Telefon: +49 6262 22-402





## 7. Technical Data

<b>Protection class:</b>	Class III
<b>Power supply:</b>	230V
<b>Rotation speed:</b>	up to approx. 200 rpm
<b>Dimensions:</b>	
Height (h):	150mm
Diameter (Ø):	415mm
Wheel head (Ø):	240mm
Weight:	10kg



**Work on electrical parts and devices should only be carried out by qualified electricians!**



**Any warranty claims are forfeited if the machine is misused!**

## 8. Maintenance and Cleaning

The potter's wheel is completely maintenance-free!

### Danger



Work on electrical parts and devices should only be carried out by qualified electricians!

### Danger



- Before starting maintenance and cleaning work, disconnect the power plug.
- Do not use solvents such as nitro thinner for cleaning.
- The potter's wheel must not be operated without the splash pan.
- The device heats up during operation at the wheel head and motor.
- The gap between the device and the table is for the ventilation of the motor - must remain free!

Es ist darauf zu achten:

- Use only water and soapy water for cleaning.
- Do not spray the device with a hose or a pressure washer.
- Wipe stains on the stainless steel surfaces with an oily cloth.
- The foot pedal must not get wet.
- The water in the splash pan must only be so high that it does not run under the wheel head and enter the bearing.
- Push the splash pan down before starting up to prevent grinding noises.

Please also note our safety instructions on our website:

[www.hsl-toepferscheiben/infomaterial](http://www.hsl-toepferscheiben/infomaterial)

### Removing the wheel head

- Loosen the center screw and pull the wheel head up.

### Inserting the wheel head

- Remove dirt such as clay residues from the ball bearing and the motor shaft.
- Grease the bearing with a non-acidic grease or Vaseline.
- Align the nut in the wheel head bore and the keyway on the motor shaft with each other.
- Put the wheel head on the motor shaft
- Lightly tighten the center screw

### Danger



- The potter's wheel may only be connected to the mains and put into operation again after the splash pan and the wheel head have been attached.

- Push the splash pan down before starting up to prevent grinding noises.

## 9. Assembly and commissioning

### Note



Please read the operating instructions before assembling and commissioning your new HSL Junior VI potter's wheel.

Follow the manufacturer's instructions and recommendations.

Keep the operating instructions for future reference.

### Assembly

- Place the potter's wheel on a level surface as much as possible.

### Danger



- The device heats up during operation at the wheel head and motor.
- The gap between the device and the table is for the ventilation of the motor – must remain free!

- 
- Before connecting the power cable, set the main switch and foot pedal to position „0“
  - Connect the table power supply to the intended socket and to a 230 V power outlet.
  - Connect the foot pedal to the intended socket.
  - Push the splash pan down before starting up to prevent grinding noises.
  - Use the foot pedal to set the desired speed.

## 10. Faults and Repairs

**If you experience any problems, please check the following::**

- Is the power cable properly connected to a 230 V power outlet?
- Is the main switch turned on?
- Overload – The power supply will automatically switch back on after a short time.

If these points are met and the potter's wheel still does not work, please contact the manufacturer.

**In the event of a return, please note the following:**

- Notify the manufacturer in advance.
- Pack the device in the original box.

### Note



The original box is necessary to ensure a quick processing of the complaint and the assumption of shipping costs.

- Use the repair form (available for download on our website under: Infomaterial).

If it turns out that a repair is necessary, we will tell you the cheapest repair option.

## 11. Other products and accessories

### HSL Profi T-45

The professional table model designed for continuous use. With a powerful motor and foot pedal.

#### Scope of delivery:

- Storage shelf
- wheel head Ø 320 mm with 3 holes
- Wooden plate Ø 350 mm with 3 lugs
- Foot pedal
- Detachable splash pan

Not included in the scope of delivery:

- Height measurement (accessory)



oder

### HSL Sitzgestell für Profi T-45

The professional model with a robust frame and adjustable seat allows fatigue-free work.

#### Scope of delivery:

- Partially assembled seat frame



#### Accessories:

##### Height measurement



W x H / 300 x 500 mm

##### Wooden plate



Ø 350 mm

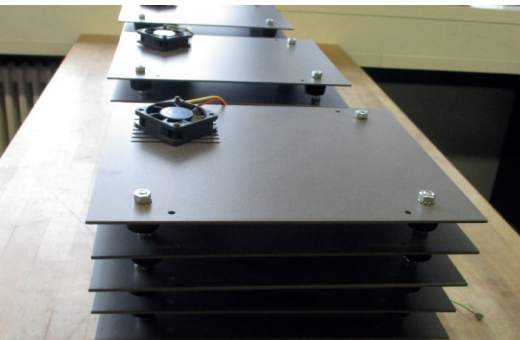
##### Seat frame (retrofitable)



L x W x H /  
700-1030 x 510 x 560 mm

Further accessories can be found on our website: [hsl-toepferscheiben.de](http://hsl-toepferscheiben.de)





## Imprint:

Johannes-Diakonie Mosbach  
Schwarzacher Werkstätten

Schwanheimer Str. 23  
D-74869 Schwarzach

[www.johannes-diakonie.de](http://www.johannes-diakonie.de)

Board of Directors: Martin Adel (Chair), Jörg Huber

Johannes-Diakonie Mosbach is a public corporation and member of the  
Diakonisches Werk Baden.

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