

HSL-Töpferscheiben

www.hsl-toepferscheiben.de

Made in Germany

OPERATION INSTRUCTIONS

HSL PROFI T-45 / S-45

EQUIPMENT

... a product of Johannes-Diakonie Mosbach



Please send your requests and orders to:

HSL-Töpferscheiben

Johannes-Diakonie Mosbach
Schwarzacher Werkstätten
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1. Instruction for use:

The machine is intended for the manual production of rotationally symmetrical articles from damp ceramic mixtures.

Description of machine:

Pottery wheel HSL Profi T-45 / S-45

Manufacturer: Johannes-Diakonie Mosbach
Schwarzacher Werkstätten
Schwanheimer Straße 23
Germany 74869 Schwarzach
phone: +49 06262 22-402,
fax: +49 06262 22-551
www.hsl-toepferscheiben.de

Dimension: T-45: L x W x H / 720 x 510 x 285 mm
S-45: L x W x H / 700 - 1030 x 510 x 680 mm

Direction of rotation: optional (cw/ccw)

Weight: T-45 about 38 Kg
S-45 about 59 Kg

Voltage: Voltage: 230 V, 50 Hz

Main Switch: with built-in preprotection glass-fuse 5x20 mm,
6,3 A / MT

Motor power: 370 W power

Speed: infinitely variable up to 250 rpm

Noise emission details: LpArbpl < 70 dB (A)

Frame: powder-coated metal frame, 4 rubber feet with screw for adjustment, built-in thermal protection switch

We reserve the right to make changes to reflect technical advancements.

1. Instruction for use:

- Wheelhead:** Ø 320 mm, aluminum with centering grooves (corrosion resistant), with three bores for holding a wooden plate
- Splash-pan:** polystyrene, Ø 500mm, with outflow, removable and easy to clean
- Centring:** approx. 45 kg
- Warranty:** 2 years
- DGUV-Test:** RCI 18004 BG-checked safety (German statutory accident insurance)

2. Installation and commissioning

Please read before installation and commissioning of your new potter's wheel, the operating instructions, and observe the instructions and recommendations of the manufacturer.

Keep the operating instructions.

When unpacking the necessary items for completeness.

- In the box there is:
 - 1 potter's wheel with wheelhead and splashpan
 - 1 power cord
 - 1 foot pedal
 - 1 rubber stopper for the drain hole in the splashpan
 - Allen key, size six
- Place the potter's wheel on as even a surface as possible.
- Level the machine by means of the device feet out to ensuring to a secure footing.
- Bring the master switch to "o" before connecting the power cord.
- The connection the mains by means of power cord to a 220V socket.
- The foot pedal is inserted into its power socket.

2. Installation and commissioning

Now you can start using the potter's wheel:

1. Unlock the red „stop“ button, yellow LED glows
2. Select (ccw or cw) the direction of rotation
3. Choose your desired speed with the foot pedal.
 - **2-touch-pedal:**
By pressing the right pedal the speed is increased +
By pressing the left pedal the speed is reduced -
 - rocker switch:
Yellow LED glowing when pedal is in position „o“
Smooth speeding up when pedal is pressed.
4. By pressing the red „stop“ button, the speed stage is cleared and the machine goes back to „o“
5. To restart after pressing the red „stop“ button steps 1 - 3 are executed again

3. Maintenance and Cleaning:

The potter's wheel is completely maintenance free.

- Disconnect the power plug before cleaning.
- Only clean with water or soapy water – do not use solvents such as a nitro diluter. Marks on the stainless steel front plate can be removed with an oily cloth.
- The plate can be taken off for cleaning by removing the central screw. After that the splash pan can be removed.
- When fitting the plate, please make sure that no soiling, e.g. clay residue, has collected on the ball bearing and the motor shaft. If this is the case, remove the residue and grease the area with Vaseline or acid-free grease. Pay attention to the correct position of groove (hole of the wheelhead) and driving pins (motor shaft).
- After fitting the plate, only tighten the central screw on the plate lightly!
- The potters wheel should only be reconnected and put into operation after reinstallation of the splash pan and the plate.

4. Faults - Repairs

If a fault occurs, go through the following checklist.

- Is the power plug connected properly?
- Is the foot pedal connected properly?
- Is the direction of rotation selected?
- Is the red „stop“ button unlocked?
- Check the built-in preprotection glass-tube-fuses 5x20mm, 6,3 A
- **Selection of the rotation direction does not react**
Please stop the machine and disconnect the power plug for approximately 3 minutes.
- **Overload**
If overloaded, you hear a noise. The machine stops for about 10 seconds before starting automatically again. For safety please put the foot pedal to position „0“!

If it is not possible to resolve the problem, please contact the manufacturer.

If a return is required, the manufacturer must be notified in advance. You are advised to use the **original packaging**. This is necessary to ensure a rapid processing of complaints and to ensure that the manufacturer will take over the shipping costs. Please use the Repair advice note which you can download on our website.

If it is determined that repair is necessary outside the warranty, we will provide you with the cheapest possibilities.

Work on electrical machines and components are only to be carried out by qualified electricians. Work on electric components and devices are basically carried out only by qualified electricians!

5. Safety and warnings

- **Work on electrical machines and components are only to be carried out by qualified electricians.**
- Before starting to clean, remove the power plug.
- The potter's wheel must not be used without the splash pan.
- Please make sure that:
 - foot pedal does not get wet
 - the water in the splash pan only reaches a level which it cannot run under the wheel and enter the mechanism.
- The potter's wheel should only be reconnected and put into operation after installation of the splash pan guard and the plate.

Warning and danger notes you will find: www.hsl-toepferscheiben.de

This pottery wheel is only for pottery and working with clay.

Do not misuse.

Misuse will lead to expiration of your warranty claim.

You can find all **warnings and danger indications** on our website: www.hsl-toepferscheiben.de

EC Declaration of Conformity

Manufacturer: Schwarzacher Werkstätten
Schwanheimer Straße 23
74869 Schwarzach
Germany

Product: Pottery wheel HSL JUNIOR VS
Pottery wheel HSL PROFI T-45
Pottery wheel HSL PROFI S-45

Type designation:

The designated product is in conformity with the **European Directive 2004/108/EC** on the approximation of the laws of the Member States relating to electromagnetic compatibility and the **European Directive 2006/95/EC** on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.
Full compliance with standards listed below proves the conformity of the designated Product with the provisions of the EC Directives

Related harmonized standards:

- EN ISO 12100:2010** Safety of machinery - General principles for design, risk assessment and risk reduction
- EN 60204-1** Safety of machinery - Electrical equipment of machines - Part 1: General requirements

Schwarzach dated 16.10.2018



Michael Werner, Manager of Schwarzacher Werkstätten

For download on our website:
Declaration of the Manufacturer (frequency converter)
Declaration of the Manufacturer (worm gear)

Equipment* for Profi T/S 45:

Seat framework

Dimensions:
L x W x H / 700-1030 / 510 / 560 mm
Weight: ca. 21 Kg

Height measurement

Height: ca. 50 cm / Arms: each 30 cm
Material: VA

Wooden plate with tappets

Diameter: ca. 350 mm, height 15 mm
Material: wood

Foot-pedal for Profi T/S45

2-touch pedal or rocker switch*,
hold the speed in each position
(* available for 2019 models and following)

Seat with tilt technology

for seat framework
Diameter: ca. 350 / 300 mm
Material: PU or beech wood
Attachment: pigeonhole

Splash pan (Profi)

Ø 500 mm, height 110 mm
Material: PU

bucket with lid

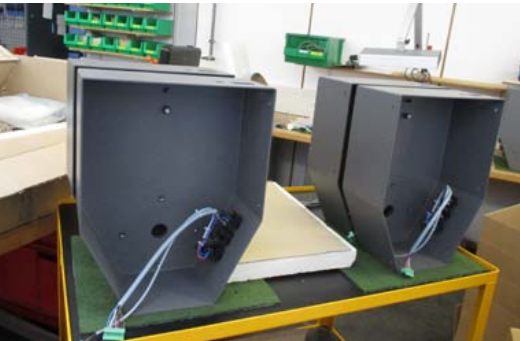
Volume: 1,6 Liter

Plug for splash pan

L x W x H / 35 x 35 x 28 mm



* Equipment must be ordered separately.



Imprint:

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Schwarzacher Werkstätten

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