

# Instructions for Use

## DKL S1 Saddle Stool

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## 1. General Information

### 1.1. Introduction

We are pleased that you have chosen a DKL GmbH saddle stool. These instructions for use are intended to provide you with all the important information for using this saddle stool.

This DKL saddle stool is designed as a seating solution. It is intended to provide an ergonomic and comfortable sitting position.

**IMPORTANT!** Please keep the instructions for use within reach. If the instructions cannot be found, we will be happy to assist you. Please provide us with the model designation, which can be found on the type plate under the seat cushion.



We are at your disposal for any questions regarding the product received.

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### 1.2. Symbols Used



**WARNING!** Risk of personal injury.



**WARNING!** Risk of property damage.



Observe printed or electronic instructions for use.



Disposal instructions / Recycling.

### 1.3. Safety Instructions

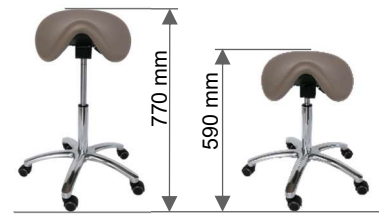


- **WARNING!** To avoid personal injury and property damage, observe all safety instructions in the following manual before using the stool for the first time.
- Use the saddle stool only as a seating furniture.
- Compliance with national and local regulations and safety provisions is the responsibility of the user; in particular, applicable occupational health and safety regulations and accident prevention measures must be observed.
- Observe the maximum permissible load capacity of 130 kg for the saddle stool.
- Always ensure the stool can roll barrier-free and avoid rolling over lines or cables to prevent the risk of falling due to tipping and to avoid property damage.
- Check the stool for visible, safety-related damage or malfunctions before each use. If there are defects that could endanger operational safety, the stool must not be used.
- In the event of damage or malfunctions, contact trained specialist personnel or our customer service.
- **WARNING!** Risk of injury from high pressure! Never attempt to open or repair a gas pressure spring.
- Only original DKL spare parts may be used for repairs.
- Carry out the recommended inspection and maintenance work regularly.
- To ensure operational readiness, check the stool at least once a year for damage, malfunctions, tight fit of screw connections, wear, and corrosion.
- Do not use or store the stool outdoors and protect it from moisture.
- Observe the instructions for cleaning, disinfection, and care in this manual.

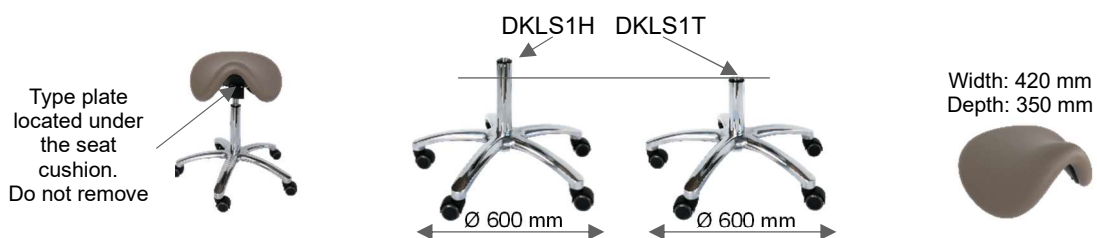
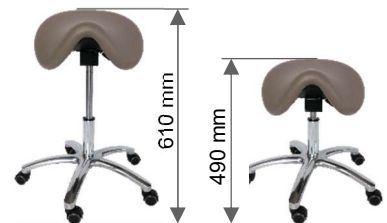
## 2. Technical Data

The DKL S1 saddle stool is offered in a high version (DKLS1H) and a lower version (DKLS1T).

High Version DKLS1H	
Seat height from floor, lowest position (unloaded)	590 mm
Seat height from floor, highest position (unloaded)	770 mm
Seat surface (W x D)	420 x 350 mm
Net weight	7.7 kg
Maximum permissible load	130 kg
5-arm base	Ø 600 mm



Lower Version DKLS1T	
Seat height from floor, lowest position (unloaded)	490 mm
Seat height from floor, highest position (unloaded)	610 mm
Seat surface (W x D)	420 x 350 mm
Net weight	7.4 kg
Maximum permissible load	130 kg
5-arm base	Ø 600 mm



## 3. Assembly Instructions

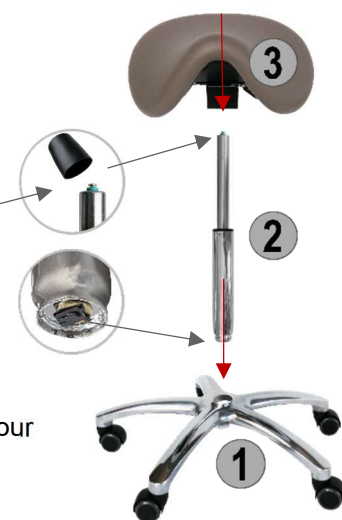
The assembly instructions for DKL S1 saddle stools are identical for the high version (DKLS1H) and the lower version (DKLS1T).

**CAUTION!** When unpacking the components, make sure not to damage them with cuts, etc.

Assembly is straightforward and tool-free.  
The DKL S1 saddle stool consists of three components that are plugged into each other.



- 1) Place the base **1** on the floor.
- 2) Position the gas pressure spring **2** with the wider end into the central opening of the base.
- 3) Pull off the protective cap at the upper end of the gas pressure spring.
- 4) Position the cushion **3** of the saddle stool with the central opening under the seat cushion onto the upper end of the gas pressure spring.
- 5) Press the cushion down firmly and sit on the saddle stool. Apply your full body weight to the seat several times in a row so that the gas pressure spring is firmly seated in the mount and does not come loose when the stool is lifted.
- 6) Check all adjustment functions in the following chapter of the operating instructions.



## 4. Operating Instructions

The operating instructions for DKL S1 saddle stools are identical for the high version (DKLS1H) and the lower version (DKLS1T).

The DKL S1 saddle stool was developed to combine the highest ergonomic standards with maximum safety. Every detail serves your comfort:

- **Ergonomic saddle surface:** The anatomically shaped saddle surface promotes an upright, healthy sitting posture and opens the hip angle. This relieves the spine and ensures improved blood circulation in the legs.
- **Individual inclination adjustment:** Infinitely adjust the angle of the saddle surface to suit your way of working. The optimal inclination supports the forward pelvic tilt and thus actively prevents a hunched back.
- **Infinitely variable height adjustment with depth suspension:** Thanks to the high-quality gas pressure column (Class 4), you can adjust the seat height and the height of the backrest infinitely. The integrated comfort depth suspension gently cushions the body weight when sitting down through a slight lowering and thus protects your spine.
- **Safety casters:** The low-noise double casters are equipped with a load-dependent brake that prevents unintentional rolling away when standing up. The smooth-running PU tread of the universal caster is suitable for all hard floor coverings and low-pile carpets.
- **Stable aluminium base:** The 5-arm aluminium base guarantees high stability and optimal freedom of movement.
- **Symmetrical design:** The chair features a completely symmetrical construction, allowing it to be oriented in any direction without restriction.

For an ergonomically optimal sitting position, two adjustment options are offered:

### Height adjustment of the saddle surface

The infinite height adjustment is performed via the adjustment lever under the seat (on the left when seated). If the seat is loaded by body weight, the seat lowers. If the seat is unloaded, it rises. When the lever is released, the set seat height is fixed.

### Inclination adjustment of the saddle surface

The individual inclination of the saddle cushion is adjusted via the adjustment lever (on the right when seated). Pull the lever upwards. Incline the saddle surface by slightly shifting your weight into the optimal position for you (adjustment range approx. 12°). Press the lever back down to securely lock the chosen inclination.



## 5. Maintenance Instructions

### 5.1. Cleaning, Disinfection and Care

- **Cleaning and care of dental upholstery:** As a specialist for dental upholstery of all brands, DKL GmbH has an extensive range of cleaning and care products tailored to the needs of dental synthetic leather surfaces. You can find our range with helpful application videos at <https://neupolster.de/en/Cleaning-care-disinfection/>.
- **Cleaning other surfaces:** Use an alcohol-free wipe disinfection suitable for plastic surfaces. Do not use cleaning agents with an abrasive effect or chlorine or alcohol cleaners.
- **Surface disinfection:** Use a wipe disinfectant suitable for plastics. Plastics, synthetic leather, and metal surfaces of the DKL saddle stool can be disinfected with this wipe disinfection.



**CAUTION!** Substances used in the work environment can cause permanent stains on surfaces. Therefore, always remove visible contamination and stains immediately.



**IMPORTANT!** Check the casters for dirt on the treads and axles and clean them as needed.



**ATTENTION!** Do not clean the piston of the gas pressure spring unnecessarily (lubricating film). In case of contamination (dust/grease), wipe the extended piston dry. Use cleaning spray (e.g. WD-40) only in cases of heavy sticking. Important: Afterwards, always apply a very thin layer of resin-free multi-purpose grease or silicone spray and operate the height adjustment several times to distribute it.

### 5.2. Technical Maintenance



- Check the stool for visible, safety-related damage or malfunctions before each use. If there are defects that could endanger operational safety, the stool must not be used.



- Depending on the intensity of use, but at least once a year, check the stool thoroughly for safety-related damage or have this check carried out by trained specialist personnel.

Inspection components:

- Check the stool for visible damage, wear, and corrosion that could endanger safety during use.
- Check the function of the gas pressure spring and the smooth running and secure fit of the casters.
- Check the tight fit of all visible screw connections.
- Check the narrow piston for contamination (sticky film of dust/grease). This can impair the height adjustment. For cleaning and care, see point 5.1.
- In the event of a necessary repair, contact our customer service or trained specialist personnel.

## 6. Disposal Instructions

### PACKAGING



The packaging consists of recyclable materials. Please dispose of it via the separate material recovery collection in accordance with local regulations.

### SADDLE STOOL



At the end of its service life, the stool must not be disposed of in the household waste. Since it consists largely of metal, it should be sent to a certified metal recycler or recycling centre.



**WARNING!** The gas pressure spring is under high pressure. Improper disassembly or forced opening during disposal can lead to serious injuries. Therefore, leave the disposal of the stool to specialist companies or inform the disposal company about the installed gas pressure spring.