

MELOKEA D045

MELOKEA Ergonomic Office Chair User Manual

Model: D045

1. INTRODUCTION

Thank you for choosing the MELOKEA Ergonomic Office Chair. This manual provides essential information for the safe assembly, operation, and maintenance of your new office chair. Please read this manual thoroughly before assembly and retain it for future reference.

The MELOKEA D045 office chair is designed to provide superior ergonomic support and comfort for extended periods of sitting, suitable for individuals weighing up to 200 kg and heights between 155 cm and 200 cm. It features advanced adjustments including 4D armrests, adjustable seat depth, adaptive backrest, and dynamic lumbar support, all engineered to meet European standards EN 12520 and EN 1335 for home and professional office chairs.



Image 1.1: Overview of the MELOKEA Ergonomic Office Chair, highlighting 4D armrests, dynamic lumbar support, and smooth-rolling casters.

2. SAFETY INSTRUCTIONS

To ensure safe operation and prolong the life of your chair, please adhere to the following safety guidelines:

- **Weight Limit:** Do not exceed the maximum weight capacity of 200 kg (440 lbs).
- **Assembly:** Assemble the chair strictly according to the instructions provided. Ensure all screws and bolts are tightened securely before use.
- **Stability:** Do not stand on the chair. Avoid leaning excessively to one side or backward to prevent tipping.
- **Children:** Keep children away from the chair during assembly. Do not allow children to play with the chair.
- **Movement:** When moving the chair, lift it rather than dragging it to prevent damage to the casters or

floor.

- **Maintenance:** Regularly inspect all components for wear and tear. Replace damaged parts immediately.
- **Environment:** Use the chair on a flat, stable surface. Avoid exposure to extreme temperatures or direct sunlight for prolonged periods.

3. PACKAGE CONTENTS

Before beginning assembly, verify that all parts are present and undamaged. If any parts are missing or damaged, please contact customer service.

Item	Description	Quantity
Seat Cushion	Main seat component with integrated controls.	1
Backrest Assembly	Mesh backrest with adaptive lumbar support.	1
Headrest	Adjustable head and neck support.	1
Armrests (4D)	Left and right armrests with multi-directional adjustment.	2
Gas Lift Cylinder	BIFMA certified, for height adjustment.	1
Star Base	Five-star metal base for stability.	1
Casters (Rubber)	Smooth-rolling, floor-friendly casters.	5
Assembly Hardware Kit	Screws, washers, Allen wrench.	1 set

Note: The chair is delivered with an easy-to-understand assembly manual and an instruction video.

4. SETUP AND ASSEMBLY

Follow these steps to assemble your MELOKEA Ergonomic Office Chair. It is recommended to have a second person assist with some steps.

1. **Attach Casters to Base:** Insert each of the five rubber casters into the holes at the end of each leg of the star base. Push firmly until they click into place.
2. **Insert Gas Lift:** Place the gas lift cylinder into the center hole of the assembled star base. Ensure it is seated firmly.
3. **Attach Armrests to Seat:** Secure the 4D armrests to the underside of the seat cushion using the provided screws and Allen wrench. Ensure they are oriented correctly (left and right).

4. **Attach Backrest to Seat:** Align the backrest assembly with the mounting points on the rear of the seat cushion. Secure it with the appropriate screws.
5. **Attach Headrest:** Slide the headrest into the designated slot at the top of the backrest. Adjust its height and angle as desired.
6. **Connect Seat to Gas Lift:** Carefully place the assembled seat and backrest onto the gas lift cylinder, ensuring the center mechanism aligns with the top of the gas lift. Press down firmly to secure.

For a visual guide, refer to the instruction video provided with your purchase.

5. OPERATING INSTRUCTIONS AND ADJUSTMENTS

Your MELOKEA office chair offers a wide range of adjustments to customize your seating experience for optimal comfort and ergonomic support.

5.1. Seat Height Adjustment

To adjust the seat height, locate the lever on the right side under the seat. Pull the lever up while sitting on the chair to lower it, or stand up and pull the lever up to raise it. Release the lever at your desired height.

13 INDIVIDUELL ANPASSBARE EINSTELLMODI

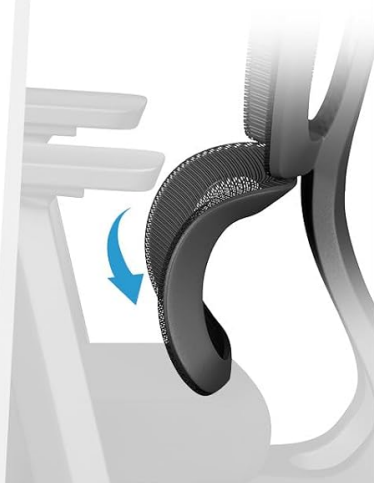
Unterstützt die Verriegelung
bei 90°, 120°, 130° und 140°



Anpassbare 4D-
Armlehngestaltung



Dynamische Lendenwir-
belunterstützung



5 cm Sitztiefenverstellung



2D-Kopfstütze



10 cm
Höhenverstellung



Image 5.1: Visual representation of the chair's 13 individual adjustment modes, including seat height, tilt, and armrest positions.

5.2. Seat Depth Adjustment

The seat depth can be adjusted by 5 cm to accommodate different leg lengths. Locate the lever or button on the left side under the seat. Push or pull the seat forward or backward to find the optimal depth that supports your thighs without pressing against the back of your knees.

DYNAMISCHE LENDENWIRBELSTÜTZE

REVOLUTIONÄRER RÜCKENKOMFORT



Image 5.2: Detailed view of the dynamic lumbar support and the 5 cm seat depth adjustment mechanism.

5.3. 4D Armrest Adjustment

The advanced 4D armrests offer comprehensive adjustability:

- **Height Adjustment:** Press the button on the side of the armrest and move it up or down.
- **Forward/Backward:** Slide the armrest pad forward or backward.
- **Side-to-Side:** Slide the armrest pad left or right.
- **Rotation:** Rotate the armrest pad inward or outward (up to 30 degrees).

BEFREIE DEINE IDEALE SITZHALTUNG



DER RÜCKEN BLEIBT BEIM DREHEN GESTÜTZT, WAS STRESS UND SCHMERZEN IM RÜCKEN UND IN DEN SCHULTERN REDUZIERT



Image 5.5: A user sitting comfortably, illustrating how the flexible backrest supports the spine during movement, reducing stress and pain.

5.6. Headrest Adjustment

The 2D headrest can be adjusted for height (up to 10 cm) and rotation (90 degrees) to provide optimal neck and head support.

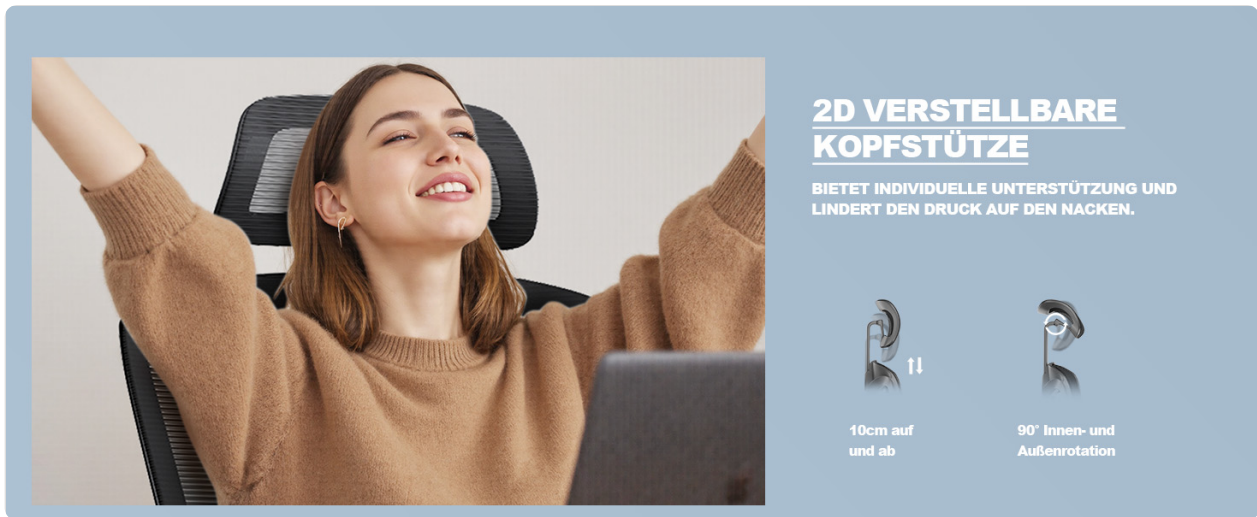


Image 5.6: The 2D adjustable headrest, demonstrating its height and rotational capabilities for personalized neck support.

6. MAINTENANCE

Regular maintenance will help keep your MELOKEA office chair in excellent condition and extend its lifespan.

- **Cleaning:**

- For mesh and fabric parts, use a soft brush or vacuum cleaner to remove dust and debris.
- For spills, gently blot with a clean, damp cloth and mild soap. Avoid harsh chemicals.
- Wipe metal and plastic components with a soft, dry cloth.

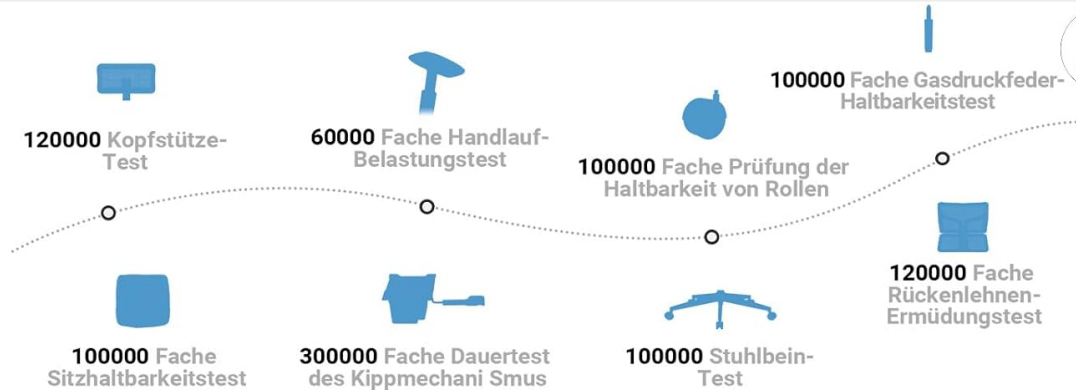
- **Casters:** Periodically check the rubber casters for hair, dust, or debris that may impede smooth movement. Clean them as needed.

- **Fasteners:** Every 3-6 months, check all screws and bolts to ensure they are tight. Re-tighten if necessary to maintain stability and safety.

- **Gas Lift:** Do not attempt to disassemble or repair the gas lift cylinder. If it malfunctions, contact customer service for replacement.

AUßERGEWÖHNLICHE QUALITÄT

ENTSPRICHT DER EUROPÄISCHEN NORM EN 12520 FÜR HAUSHALTSSTÜHLE.



HOCHWERTIGE GUMMIROLLEN

GEEIGNET FÜR ALLE BODENBELÄGE



SITZKISSEN AUS HOCHELASTISCHEM MATERIAL, FRISCH UND ATMUNGSAKTIV

DAS SITZKISSEN IST FLEXIBEL, ATMUNGSAKTIV, NICHT STICKIG UND WEICH, SO DASS SIE SICH BEIM LANGEN SITZEN BESSER AUF DAS KONZENTRIEREN KÖNNEN, WAS SIE TUN.



Image 6.1: Highlighting the durable rubber casters designed for various floor types, ensuring quiet and scratch-free movement.

7. TROUBLESHOOTING

If you encounter any issues with your MELOKEA office chair, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Chair sinks slowly or does not hold height.	Gas lift cylinder is faulty.	Contact customer service for a replacement gas lift. Do not attempt to repair.

Problem	Possible Cause	Solution
Chair wobbles or feels unstable.	Loose screws or improper assembly.	Check all assembly screws and bolts, tighten them securely. Ensure the gas lift is properly seated in the base.
Casters do not roll smoothly.	Debris (hair, dust) caught in casters or damaged casters.	Remove any debris from the casters. If damaged, replace them.
Backrest does not recline or lock.	Tilt mechanism is stuck or damaged.	Ensure the tilt lock lever is fully disengaged. If the issue persists, contact customer service.
Armrests are loose or difficult to adjust.	Loose fasteners or internal mechanism issue.	Check the screws securing the armrests to the seat. If the internal mechanism is faulty, contact customer service.

8. SPECIFICATIONS

Feature	Detail
Brand	MELOKEA
Model Number	D045
Color	Reliefback Pro (Black)
Product Dimensions (L x W x H)	74 x 32 x 52 cm (29.1 x 12.6 x 20.5 inches)
Item Weight	19.5 kg (43 lbs)
Maximum Weight Capacity	200 kg (440 lbs)
Recommended User Height	155 cm - 200 cm (5'1" - 6'7")
Armrests	4D Adjustable
Seat Depth Adjustment	5 cm (2 inches)
Backrest	Adaptive, High Backrest, Mesh
Lumbar Support	Automatic Dynamic Adjustment (30°)
Tilt Lock	4-stage (90°, 120°, 130°, 140°)

Feature	Detail
Headrest	2D Adjustable (10 cm height, 90° rotation)
Casters	High-quality Rubber, Silent, Floor-friendly
Certifications	European Standards EN 12520 (Home), EN 1335 (Professional Office), BIFMA, SGS



Image 8.1: Detailed dimensions and load-bearing test results for the MELOKEA Reliefback Pro office chair.

9. WARRANTY AND SUPPORT

MELOKEA is committed to providing high-quality ergonomic chairs. Your MELOKEA office chair comes with a comprehensive warranty and dedicated customer support.

- **Warranty Period:** We offer a 5-year after-sales service, exceeding industry standards.
- **Defective Parts:** In case of any issues with your product, we provide free replacement of defective accessories.
- **Customer Service:** For any questions, concerns, or support needs, please do not hesitate to contact our professional customer service team. We are dedicated to finding a satisfactory solution for you.

Please retain your proof of purchase for warranty claims.