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Ergohuman LE521

Eurotech Seating Pembroke Executive Chair (Model LE521) Instruction Manual

Model: LE521-BLK

1. Introduction

This manual provides detailed instructions for the assembly, operation, maintenance, and troubleshooting of your Eurotech Seating Pembroke Executive Chair, Model LE521. Designed for ergonomic support and comfort, this chair features a molded foam seat cushion, black leather upholstery, and integrated lumbar support. Please read this manual thoroughly before assembly and use to ensure proper function and longevity of your chair.



Image 1.1: The Eurotech Seating Pembroke Executive Chair in a typical office environment.

2. Safety Information

To prevent injury or damage to the chair, please observe the following safety guidelines:

- Read all instructions carefully before assembling and using the chair.
- Do not stand on the chair. Use it only for seating purposes.
- Do not use the chair if any components are loose, damaged, or missing. Contact customer support for replacement parts.
- Ensure all bolts and screws are securely tightened before each use. Periodically check and re-tighten as necessary.
- The maximum weight capacity for this chair is 250 lbs (113 kg). Do not exceed this limit.
- Keep children and pets away from the chair during assembly.

3. Package Contents

Before beginning assembly, verify that all components are present and undamaged. If any parts are missing or damaged, do not proceed with assembly. Contact customer support for assistance.

- Chair Backrest
- Chair Seat
- Armrests (Left and Right)
- Gas Lift Cylinder
- Five-Star Base
- Casters (5 pieces)
- Mechanism Plate
- Hardware Kit (screws, washers, Allen wrench)

4. Setup and Assembly

Assembly of the Eurotech Seating Pembroke Executive Chair is straightforward. All necessary tools and hardware are included. Follow these steps carefully:

1. **Attach Casters to Base:** Insert each of the five casters into the holes at the end of each leg of the five-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 five-star base.
3. **Attach Mechanism Plate to Seat:** Align the mechanism plate with the pre-drilled holes on the underside of the chair seat. Secure it using the provided screws and Allen wrench. Ensure the front of the mechanism faces the front of the seat.
4. **Attach Armrests to Seat:** Attach the armrests to the sides of the seat using the designated screws. Do not fully tighten the screws yet.
5. **Attach Backrest to Seat:** Align the backrest with the mounting points on the seat and armrests. Secure it with the remaining screws. Once all screws are in place, fully tighten all armrest and backrest screws.
6. **Connect Seat Assembly to Gas Lift:** Carefully place the assembled seat and backrest onto the gas lift cylinder, ensuring the center hole of the mechanism plate aligns with the top of the gas lift. Press down firmly to secure.





Image 4.1: Side view of the assembled chair, illustrating its structure for assembly reference.

5. Operating Instructions (Adjustments)

The Pembroke Executive Chair offers several adjustments to customize your seating experience:

- **Seat Height Adjustment:** To raise the seat, lift the lever located on the right side under the seat while taking your weight off the chair. To lower the seat, lift the same lever while remaining seated. Release the lever at the desired height.
- **Tilt Lock and Tension Control:** The chair features a tilt lock mechanism. To allow the chair to recline, pull the lever on the left side (or push it in, depending on the mechanism) outwards. To lock the chair in an upright or reclined position, push the lever inwards. The tension control knob, usually located at the front center under the seat, adjusts the resistance of the recline. Turn clockwise to increase tension (harder to recline) and counter-

clockwise to decrease tension (easier to recline).

- **360-Degree Swivel:** The chair is designed for full 360-degree horizontal rotation, allowing for easy movement and access within your workspace.





Image 5.1: Front view of the chair, showing the seat and armrest design.





Image 5.2: Diagram illustrating the internal spring technology within the seat cushion for enhanced comfort.

6. Maintenance

Proper care and maintenance will extend the life and appearance of your executive chair:

- **Cleaning:** For general cleaning, use a soft, damp cloth. For spills or stains on the leather upholstery, spot clean immediately with a mild leather cleaner or a solution of mild soap and water. Avoid harsh chemicals or abrasive cleaners.
- **Hardware Check:** Periodically (every 3-6 months) check all bolts and screws to ensure they are tight. Re-tighten as needed to maintain stability and safety.
- **Caster Care:** Keep casters free of hair, dust, and debris to ensure smooth rolling. Clean them regularly with a damp cloth.

7. Troubleshooting

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

- **Chair Sinks or Does Not Hold Height:** This usually indicates an issue with the gas lift cylinder. Contact customer support for a replacement.
- **Chair Does Not Roll Smoothly:** Check casters for accumulated debris (hair, lint, etc.). Clean them thoroughly. If casters are damaged, they may need replacement.
- **Chair Squeaks or Wobbles:** Ensure all assembly screws and bolts are fully tightened. Lubricate moving parts (e.g., tilt mechanism) with a silicone-based lubricant if squeaking persists.
- **Difficulty Reclining or Locking Tilt:** Check the tilt tension knob and tilt lock lever. Ensure the tension is not too high and the lock is disengaged for reclining.

8. Specifications

Feature	Detail
Brand	Ergohuman (Eurotech Seating)
Model Name	Pembroke
Model Number	LE521-BLK
Color	Black

Material	Leather (Eco Leather), Foam Fill
Product Dimensions (D x W x H)	28" x 27" x 49" (71.12 cm x 68.58 cm x 124.46 cm)
Item Weight	41 Pounds (18.6 kg)
Weight Capacity	250 lbs (113 kg)
Assembly Required	Yes
Movement	Swivel, Tilt

9. Warranty and Support

The Eurotech Seating Pembroke Executive Chair comes with a Limited Lifetime Warranty. This warranty covers defects in materials and workmanship under normal use. For specific details regarding warranty coverage, limitations, and how to file a claim, please refer to the warranty documentation included with your purchase or visit the official Eurotech Seating website.

For technical support, replacement parts, or warranty inquiries, please contact Eurotech Seating customer service directly. Contact information can typically be found on the manufacturer's website or on your purchase receipt.

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