

ELECTRIC BIKE REPAIR STAND K-EBRS1

ASSEMBLY INSTRUCTIONS & USER MANUAL

The K-EBRS1 bike repair stand is designed for professional bike technicians and combines a heavy-duty solid upright column incorporating a worm drive, versatile clamping system and smooth operating electric motor to create a rigid workstation that offers effortless height adjustment for bikes up to 60kgs. in weight.

The electricity supply cable comes in from the top of the stand, so no cables are on the work area floor.

The electric bike stand is compliant with UKCA and CE requirements.

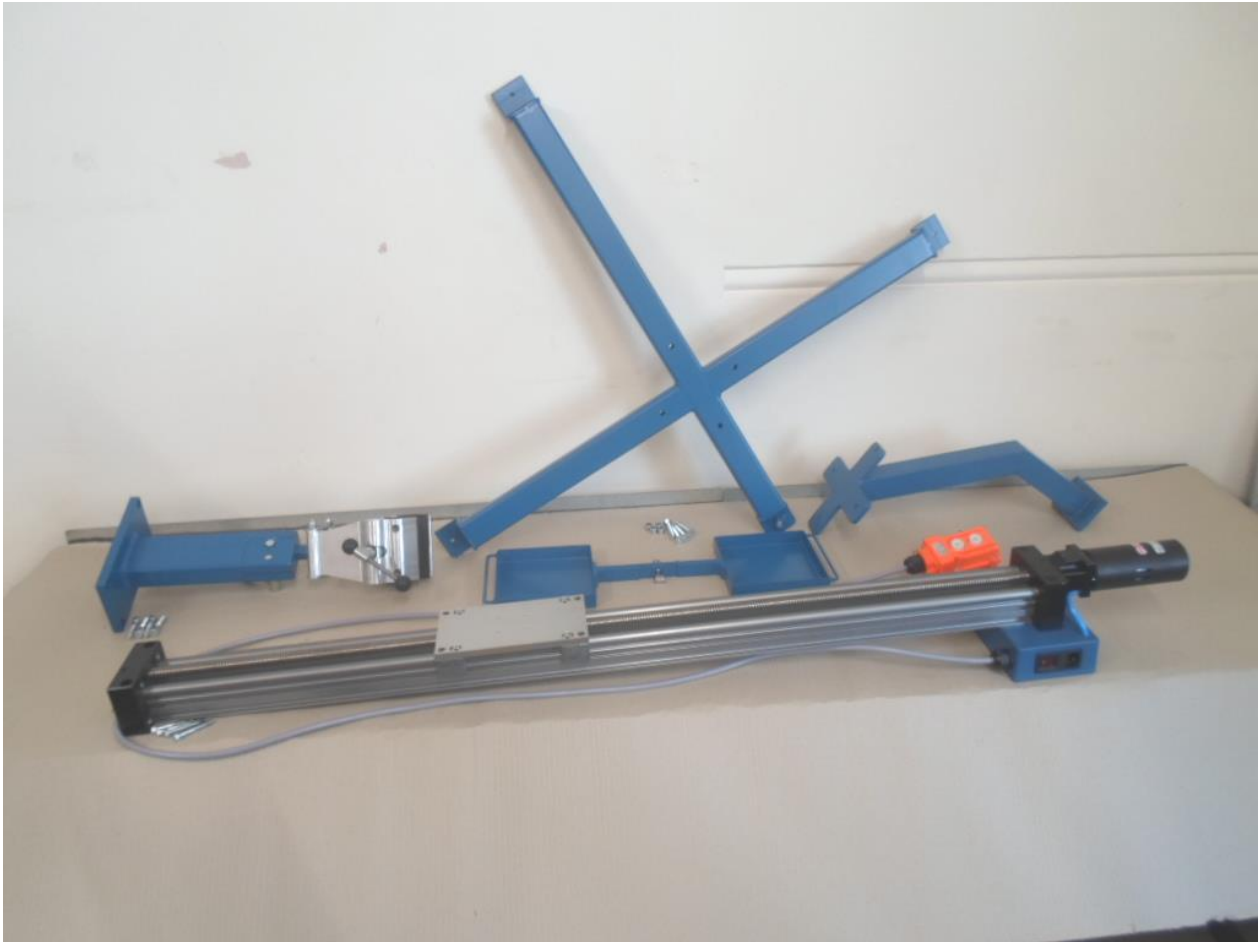
Please read instructions carefully and completely before assembly. All users should read and understand the safety precautions and operating instructions before use.

1. UNPACKING

Carefully unpack the boxes and inspect each part for damage. Check all boxes and packaging for loose parts before setting aside. The packaging is recyclable and can be re-used. Compare parts from boxes with the parts list below. If any part is missing or damaged, contact Kestrel Cycle Stands Ltd. Do not attempt to assemble or use the K-EBRS1 until the missing or damaged part is correctly replaced.

2. PARTS LIST

DESCRIPTION	QUANTITY
Base unit	1
Connecting piece to join column to base	1
Column with integral motor, electrical box, up/down control unit and electric cable with plug	1
Carriage arm assembly	1
Tray	1
Bolts, nuts & washers	8 off M6 x 40 bolts 4 off M8 bolts countersunk 4 off washers + 4 off locking nuts 1 off M12 x 60 bolt + locking nut levelling foot
Assembly instructions & user manual	1
Declaration of conformity	1



Tools required for assembly (not supplied):

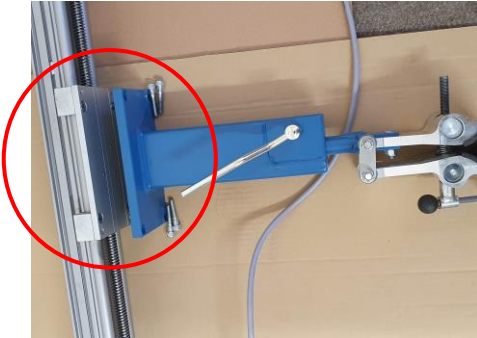
- 5mm allen key
- 6mm allen key
- 13mm spanner

3. ASSEMBLY INSTRUCTIONS

- a) Fit the connecting piece to the bottom of the column using 4 M6 X 40 bolts. Tighten securely.
- b) Place the column on the base so that the 4 holes are aligned. Insert a M8 x 40 countersunk bolt into the top of each hole and a washer and locking nut to the underside of each bolt. Tighten securely.



- c) Attach the carriage arm assembly to the column by matching up the 4 holes in the middle of the column with the 4 holes in the carriage arm assembly unit and fitting a M6 x 40 bolt to each of the holes. Tighten securely.



- d) The assembled unit will be as in the photo below



- e) Secure the assembled unit to the floor by fitting a bolt of sufficient length into 3 of the outer holes in the base frame. Fit the M12 x 60 levelling foot into the 4th hole and secure with the locking nut. Tighten the 3 bolts securely into the drilled holes in the floor and adjust the levelling foot to ensure the unit is level and stable.

4. IMPORTANT SAFETY PRECAUTIONS

- The K-EBRS1 must be securely bolted to a solid floor (preferably concrete). This is to ensure stability of the unit when a bike is being worked on. **If the unit is used without being bolted to the floor, Kestrel cannot be held liable for claims for injuries to people, equipment or animals arising if the unit was to topple over.**
- The K-EBRS1 must be plugged into a properly installed and grounded electrical 240V outlet. If an extension cord is used, inspect to make sure it is in good condition. A damaged extension cord should be replaced.
- Unplug the K-EBRS1 from the electrical outlet before any cleaning, adjustment, maintenance or repair tasks are performed.
- Isolate the power source before removing cover to electrical box.
- Only authorised persons should operate the electric bike stand.
- The K-EBRS1 is intended for indoor use only. Do not use in damp or wet conditions.
- Do not stand or crawl under hanging bike on the stand.
- Do not use the K-EBRS1 around flammable liquids or gases.

- Keep hands, fingers, hair, clothing away from the worm drive to prevent entanglement.
- Do not wear loose clothing, gloves, neck ties, jewellery or anything else that could get caught in the worm drive. Long hair should be contained.
- Do not operate the K-EBRS1 while under the influence of drugs, alcohol or medication.
- People not using the K-EBRS1 should be kept at a safe distance.
- Keep work area around K-EBRS1 clean and free of clutter.
- Do not modify the K-EBRS1.
- The K-EBRS1 is designed to hold bicycles during assembly and repair. Do not use for any other purpose.
- Regularly inspect the K-EBRS1 and repair or replace worn or damaged parts before use.

5. OPERATING THE ELECTRIC BIKE REPAIR STAND

Position the bike and clamp it into position using the clamping mechanism. Ensure clamp is fully hand tightened before proceeding.

To move the clamp & bike up or down, press the corresponding button on the operating control unit. Arrows on the buttons indicate the direction of movement.

6. TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	CORRECTIVE ACTION
The stand is not responding to the UP or DOWN buttons	<ul style="list-style-type: none"> • Stand not switched on at mains power source • Power cable not properly plugged in to the electrical outlet 	<ul style="list-style-type: none"> • Switch on power to electric stand
Bike becomes loose in clamp	<ul style="list-style-type: none"> • Clamp handle is loose • Bike is not positioned centrally on the carriage arm 	<ul style="list-style-type: none"> • Tighten the clamp handle • Re-position bike to give an even load either side of the clamp
Stand is wobbly	<ul style="list-style-type: none"> • Stand not properly mounted to the floor • Levelling bolt on the base not adjusted properly • Floor is uneven 	<ul style="list-style-type: none"> • Tighten floor fixing bolts in base • Adjust levelling bolt in base • Ensure floor is level

7. MAINTENANCE

Always unplug K-EBRS1 from electrical outlet before any maintenance or repair tasks are performed.

The K-EBRS1 unit should be checked for stability and damage to any mechanical or electrical component before use.

The worm drive mechanism is self-lubricating and does not require any additional lubrication added.

The unit can be cleaned by wiping with a soft dry cloth.

8. WARRANTY

The K-EBRS1 is guaranteed for a period of 12 months from the date of delivery as long as the unit is used only for its intended purpose and all safety precautions and operating instructions have been followed. (wear and tear is not included).

9. CONTACT DETAILS

In the event of a missing or damaged part found when unpacking, problems with assembly or use, please contact the manufacturer.

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