Adjustable Universal
MOBILE BASE

Operator’s Manual

Record the date of purchase in your manual for future reference.

Date of purchase: _________________________

For technical support or parts questions, email techsupport@rikontools.com or call toll free at (877)884-5167
### Parts List

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>Qty</th>
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</thead>
<tbody>
<tr>
<td>A Corner (Front-Right)</td>
<td>P13-399-1</td>
<td>1</td>
</tr>
<tr>
<td>B Corner (Front-Left)</td>
<td>P13-399-2</td>
<td>1</td>
</tr>
<tr>
<td>C Corner (Back-Right)</td>
<td>P13-399-3</td>
<td>1</td>
</tr>
<tr>
<td>D Corner (Back-Left)</td>
<td>P13-399-4</td>
<td>1</td>
</tr>
<tr>
<td>E Swivel Plate</td>
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</tr>
<tr>
<td>F Side Rail, 30.5cm</td>
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<td>4</td>
</tr>
<tr>
<td>G Side Rail, 45.7cm</td>
<td>P13-399-7</td>
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</tr>
<tr>
<td>H Actuator Cam</td>
<td>P13-399-8</td>
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</tr>
<tr>
<td>I Pivot Rod Bolt</td>
<td>P13-399-9</td>
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</tr>
<tr>
<td>J Wheel</td>
<td>P13-399-10</td>
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</tr>
<tr>
<td>K Swivel Caster</td>
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<tr>
<td>L Rubber Foot</td>
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<tr>
<td>M M6-45 Bolts, Axle</td>
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<td>N M6 Nuts, Self Locking</td>
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<tr>
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<td>P M6-13 Bolts, (Black)</td>
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<td>Q M6 Nuts</td>
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<td>S M10 Nuts, Flanged/Serrated</td>
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<td>U Nylon Wheel Bushing</td>
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</tr>
<tr>
<td>V M-6 Nuts, Self Locking (Black)</td>
<td>P13-399-21</td>
<td>2</td>
</tr>
</tbody>
</table>

**NOTE:** Please reference the Part Number when calling for Replacement Parts.
Warning:
Any power tool must be bolted securely to the stand before use.

Warning:
Read the Owners Manual carefully and be completely familiar with the correct and safe operation of each power tool before use.
Failure to follow these rules may result in serious personal injury.

General Safety Instructions for Power Tools
Using power tools of any kind can be dangerous if safe operating procedures are not followed. Recognizing the hazards of each tool and using them with respect and caution will considerably limit the possibility of personal injury. However, if safety precautions are ignored, personal injury will likely result. Always use common sense – your personal safety is your responsibility.

1. Know your power tool. Read and understand the Owner's Manual and observe the warnings and instruction labels affixed to the tool.
2. Properly ground all tools.
3. Keep guards in place.
4. Remove adjusting keys and wrenches.
5. Keep work area clean and dry.
8. Disconnect tools from service when not in use.
9. Regularly maintain tools to keep them in safe, top operating condition.
10. Use correct tools for the job.
12. Wear safety apparel.
13. Use safety glasses/goggles, hearing protection and respirators.
14. Never stand or sit on tools.
15. Replace damaged components immediately.
16. Make sure your work platform is sufficiently sturdy to do the specific job at hand.
17. Use power tools in a well lit area with a level surface on which to stand, that is clean and free from any obstruction.
18. Clamp work piece securely.
19. Properly anchor power tools to work stands.
20. Use the correct blade for the job being done.
21. Think Safety. Safety is a combination of operator awareness, common sense and alertness at all times.
Safety Instructions for Mobile Bases

1. Be careful when moving to limit any finger pinch points.

2. Place base on a level surface and adjust levelers before placing the machine in position. This should keep the machine from rocking, while testing it for stability.

3. Test for stability in both the up (on the casters) and the down positions. Exercise caution when testing the stability of top heavy machines (drill presses, band saws, etc.).

4. Unplug any power tool before moving or repositioning your tool.

5. Always test your set-up for stability and safety after repositioning.

6. Care should be taken when planning the orientation of the machine onto the universal mobile base. Transfer of weight off of the levelers to the casters will result in the machine tilting 1/2" toward the fixed wheels. When positioning top heavy tools such as a drill press or band saw, take advantage of the center of gravity, and position so that it will remain stable while on casters.

7. Never use your machine while it is suspended on the two swivel casters. Always lower the machine onto the non-skid levelers before operating.

8. When moving, always push the base, not the machine.

Assembly Instructions

Tools required: M6, M10 wrench, M6 socket, tape measure, pliers.

1. Unpack and identify all components and hardware. Make sure there are no missing parts and that there is no shipping damage.

   **Note:** Read instructions thoroughly before proceeding.

2. Carefully measure the footprint of your machine (or whatever you are mobilizing) and add about 1” to the dimension. (1” allows clearance for the fasteners). Keep in mind the base adjusts in 1” increments.

3. Carefully review assembly examples, shown on page 5, to help you determine the fixed wheel, caster and leveler placement. As these are examples only, you must determine what best suits your particular machine’s requirements for stability.

4. Select and arrange the Corners and the Side Rails as necessary to assemble the base to your machine’s footprint.

   **Note:** If help to lift your machine into the base is not available, you may want to assemble the base around your machine. Use 2 x 4’s to block the machine up.

5. Bolt the Side Rails to the corners and each other using these simple rules:

   A: All connections require the use of (2) M6-13 bolts P and (2) M6 nuts Q at each end of the connections.

   B: Position Side Rails into corners as far as is practical.

   C: It is recommended you keep your machine stand symmetrical by using the same size and positioning of Side Rails on opposite sides. For maximum strength, use 45.7cm rails along the side whenever possible to connect the swivel corner to the rest of the base.

   **Note:** Insert bolts so that the nuts are on the inside of the mobile base.

6. Re-check dimensions, then tighten all bolts and nuts.
Assembly Examples
Be sure to follow safety and Assembly Instructions. Keep in mind the actual operation of your machine and the effect it has on overall stability.

Attaching Wheels and Casters
1. Review the diagrams for wheel, caster and leveler placement.
2. Attach swivel plate E to the (Front-Right) caster bracket corner A using pivot rod bolt I and M6 self locking (black) nut V. For proper orientation, refer to Figure 1.
3. Attach actuator cam lever H to caster bracket using M6-6 pivot bolt O and M6 self-locking nut N.
   Note: The Actuator Cam Levers can be oriented in either direction.
4. Attach swivel caster K to swivel plate E using M10 nut S.
5. Insert threaded rubber foot L into the threaded hole in leveling foot bracket. Spin M10 jamb nut R onto the top of the threaded rubber foot L.
6. Repeat steps 1 through 5 on the (Front-Left) caster bracket corner B.
9. Slip wheel J into position on left and right corners (C & D), refer to Figure 1.
10. Insert M6-45 bolt M through hole in the outer edge of wheel housing, through wheel J, through nylon bushing U, and secure to corner using M6 self locking nut N. Use care not to overtighten. Over tightening will prevent the wheel from turning.
   Tip: Insert extra bolt into the axle hole from the inside of the corner. Insert the bolt into the wheel housing just far enough to act as a “hanger” for the nylon washer. Now carefully align the wheel, and install the axle bolt, per above.
11. Lift your machine or item to be mobilized into place.

CAUTION: Check stability in both the up and down positions before using. Failure to follow safety and assembly instructions may result in personal injury or damage to product.
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This limited warranty does not apply to accessory items such as blades, drill bits, sanding discs, grinding wheels or belts and other related items.

Seller shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special, or consequential damages arising from the use of our products.

To take advantage of this warranty proof of purchase documentation, which includes date of purchase and an explanation of the complaint, must be provided.

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RIKON Warranty
16 Progress Rd.
Billerica, MA 01821

The card must be entirely completed in order for it to be valid.

Warranty information can also be done electronically, by registering this product on the RIKON website at www.rikontools.com.

If you have any questions please contact us at 877-884-5167, or warranty@rikontools.com.