Model **KET-UTS** LARGE CONNECTING TILT TYPE ELECTROMAGNETIC CHUCK

**Intermediate tilting base**

**Chuck controller required additionally**

![Diagram](image)

**Fig. 1**

![Diagram](image)

**Fig. 2**

(Application)

This model is used with grinders of wood slice cutters and most suitable for angle grinding of edges. It can also be used for uniform grinding in the longitudinal direction.

(Features)

- As a connecting type, this model consists of a main unit, lead shaft, intermediate shaft, tilting shaft, tilting base and intermediate tilting base. When one unit is used, it is used as shown in Fig. 2 and when three units are used, they are connected as shown in Fig. 1.
- As the tilting torque is large, the shaft has been made long to increase the reduction ratio on your machine side. (The scaled ring and tilting device are not included. Provide them on your machine side.)
- The chuck-to-chuck connecting clearance is as small as 40 mm.

(When ordering)

If you want to connect units as shown in Fig. 1, please order the number of main units to be connected

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### Table

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal Size</th>
<th>Work Face</th>
<th>Pole pitch</th>
<th>Length</th>
<th>Voltage</th>
<th>Current</th>
<th>Mass</th>
<th>Electro Chuck Master</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>KET-2010UFS</td>
<td>200 x 78.7 x 1000 (39.3)</td>
<td>1000 (39.3) 900 (36.2)</td>
<td>28 (4+24) (1.1)</td>
<td>1340 (52.7)</td>
<td>90 VDC</td>
<td>0.72A</td>
<td>Approx. 305kg (672 lb)</td>
<td>ES-M103B</td>
<td>For types with a combination of a rectifier and demagnetizer, see pages of &quot;Chuck Controllers.&quot;</td>
</tr>
<tr>
<td>KET-2012UFS</td>
<td>200 x 78.7 x 1200 (47.2)</td>
<td>1200 (47.2) 1120 (44.0)</td>
<td>1540 (60.6)</td>
<td>1740 (66.5)</td>
<td>1.00A</td>
<td>0.90A</td>
<td>Approx. 355kg (782 lb)</td>
<td>ES-M103B</td>
<td></td>
</tr>
<tr>
<td>KET-2014UFS</td>
<td>200 x 78.7 x 1400 (55.1)</td>
<td>1400 (55.1) 1320 (51.0)</td>
<td>1540 (60.6)</td>
<td>1940 (76.3)</td>
<td>1.25A</td>
<td>1.00A</td>
<td>Approx. 400kg (881 lb)</td>
<td>ES-M103B</td>
<td></td>
</tr>
<tr>
<td>KET-2015UFS</td>
<td>200 x 78.7 x 1500 (59.9)</td>
<td>1500 (59.9) 1420 (56.5)</td>
<td>1940 (76.3)</td>
<td>2040 (80.3)</td>
<td>1.35A</td>
<td>1.25A</td>
<td>Approx. 430kg (948 lb)</td>
<td>ES-M103B</td>
<td></td>
</tr>
<tr>
<td>KET-2016UFS</td>
<td>200 x 78.7 x 1600 (62.9)</td>
<td>1600 (62.9) 1520 (59.6)</td>
<td>2040 (80.3)</td>
<td>2140 (84.2)</td>
<td>1.35A</td>
<td>1.35A</td>
<td>Approx. 445kg (981 lb)</td>
<td>ES-M103B</td>
<td></td>
</tr>
<tr>
<td>KET-2017UFS</td>
<td>200 x 78.7 x 1700 (66.2)</td>
<td>1700 (66.2) 1620 (63.7)</td>
<td>2140 (84.2)</td>
<td>2240 (88.2)</td>
<td>1.35A</td>
<td>1.35A</td>
<td>Approx. 465kg (1025 lb)</td>
<td>ES-M103B</td>
<td></td>
</tr>
</tbody>
</table>

* The chuck controllers in this table are for single unit and when two or more units are connected, use current \times number of units connected to select a suitable model.
* If the magnetic force needs not be adjusted, use ES-M.
* The chuck controller and clamp parts are not included. The KANETEC chucks work best when a KANETEC chuck controller is used.
* The above models include the main unit, right/left tilting bases, lead shaft and tilting shaft.
* The face plate of KET-UTS types is of split construction and no magnetic force may be generated in the center part.