Fanuc + System 3R tooling

Ledger for Reference elements and 3Rulers
This ledger is only to guide suitable length of reference elements and 3Ruler for specific machine model. Contents for 3Rulers and/or reference elements, see also TPS-sheets covering the range of 3R-200.yyJ-x, 3R-239-xxx and accessories.

<table>
<thead>
<tr>
<th>Model</th>
<th>Tooling configuration for X-axis</th>
<th>Tooling configuration for Y-axis</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ref. element</td>
<td>3R-239-xxx</td>
</tr>
<tr>
<td>alpha C400iA</td>
<td>3R-200.2J-1</td>
<td>415</td>
</tr>
<tr>
<td>alpha C400iB</td>
<td>3R-200.3J-1</td>
<td>445</td>
</tr>
<tr>
<td>alpha C400iC</td>
<td>3R-200.4J-2</td>
<td>645.86</td>
</tr>
<tr>
<td>alpha C600iA</td>
<td>3R-200.2J-1</td>
<td>415</td>
</tr>
<tr>
<td>alpha C600iB</td>
<td>3R-200.3J-1</td>
<td>445</td>
</tr>
<tr>
<td>alpha C600iC</td>
<td>3R-200.4J-2</td>
<td>645.86</td>
</tr>
<tr>
<td>alpha C800iB</td>
<td>3R-200.3J-2</td>
<td>845.86</td>
</tr>
</tbody>
</table>
**MIC – Machine Interface Configuration**

Fanuc – alpha C400iA

**Horizontal configuration**
This configuration display one 3Ruler, but two cross bars may be used.

Working area:
- X: 370 mm
- Y: 253 mm

**Vertical configuration**
This U-shaped machine-table, does not support 3Ruler.

Working area:
- X: 370 mm
- Y: 270 mm

See also TPS-sheet “3R-239-xxx” covering 3Ruler and recommended accessories.

Note: The reference rail also enables the use of other products like: 3R-218-S, 3R-243.2-1 or 3R-272HP.
**MIC – Machine Interface Configuration**

Fanuc – alpha C400iB, C400iC

Machine table without tooling
Working area:
- X: 400 mm
- Y: 300 mm

**Horizontal configuration**
This configuration displays one 3Ruler, but two cross bars may be used.

Working area:
- X: 400 mm
- Y: 287 mm

**Vertical configuration**
This U-shaped machine table, does not support 3Ruler.

Working area:
- X: 400 mm
- Y: 300 mm

See also TPS-sheet “3R-239-xxx” covering 3Ruler and recommended accessories.

Note: The reference rail also enables the use of other products like: 3R-218-S, 3R-243.2-1 or 3R-272HP.
**MIC – Machine Interface Configuration**

**Fanuc – alpha C600iA**

Machine table without tooling
Working area:
- X: 600 mm
- Y: 400 mm

### Horizontal configuration
This configuration display one 3Ruler, but two cross bars may be used.

Working area:
- X: 600 mm
- Y: 349 mm

### Vertical configuration
This U-shaped machine-table, does not support 3Ruler.

Working area:
- X: 587 mm
- Y: 400 mm

See also TPS-sheet “3R-239-xxx” covering 3Ruler and recommended accessories.

Note: The reference rail also enables the use of other products like: 3R-218-S, 3R-243.2-1 or 3R-272HP.
MIC – Machine Interface Configuration

February 5, 2021
Subject to modifications
MIC-2825

Fanuc – alpha C600iB, C600iC

Machine table without tooling
Working area:
X: 600 mm
Y: 400 mm

Horizontal configuration
This configuration display one 3Ruler, but two cross bars may be used.

Working area:
X: 600 mm
Y: 349 mm

Vertical configuration
This configuration display one 3Ruler, but two cross bars may be used.

Working area:
X: 587 mm
Y: 400 mm

See also TPS-sheet “3R-239-xxx” covering 3Ruler and recommended accessories.

Note: The reference rail also enables the use of other products like: 3R-218-S, 3R-243.2-1 or 3R-272HP.
**MIC – Machine Interface Configuration**

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**MIC-2826**

November 11, 2018
Subject to modifications

**Fanuc – alpha C800iB**

Machine table without tooling
Working area:
- X: 800 mm
- Y: 600 mm

**Horizontal configuration**
This configuration display one 3Ruler, but two cross bars may be used.

Working area:
- X: 800 mm
- Y: 561 mm

See also TPS-sheet “3R-239-xxx” covering 3Ruler and recommended accessories.

Note: The reference rail also enables the use of other products like: 3R-218-S, 3R-243.2-1 or 3R-272HP.