Sodick + 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.

### Sodick

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</table>

**** 3Ruler is supplied by article no.: K-30679
MIC – Machine Interface Configuration

Sodick – 7632

Machine table without tooling
Working area:
X: (not available) mm
Y: (not available) mm

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

Working area:
X: xx mm
Y: xx mm

Vertical configuration
The table does not support 3Ruler.

Working area:
X: xx mm
Y: xx 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 12, 2021
Subject to modifications
MIC-2942

Sodick – AD325L

Machine table without tooling
Working area:
X: 320 mm  
Y: 250 mm

Horizontal configuration
This configuration display one 3Ruler, but two cross bars may be used.
Working area:
X: 320 mm  
Y: 250 mm

Vertical configuration
The table does not support 3Ruler.
Working area:
X: 320 mm  
Y: 250 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**

**November 11, 2018**

Subject to modifications

MIC-2815

**Sodick – AL400G, AL400P, ALC400G, ALN400G, ALN400Q**

Machine table without tooling

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

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

Working area:
- X: 400 mm
- Y: 242 mm

**Vertical configuration**
The 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.

Design of table, does not allow reference rail opposite of operator nor 3Ruler for vertical configuration.

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3R-239-445
3Ruler

3R-200.29J-1 (2x)
Reference rail

3R-200.6J-1 (1x)
Reference rail
Reference rail may alone or together with 3R-200.29J-1 support products other than 3Ruler
**MIC – Machine Interface Configuration**

Sodick – AL600G, AL600P, ALC600G, ALN600G, ALN600Q

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: 316 mm

**Vertical configuration**
The table does not support 3Ruler.

Working area:
- X: 600 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

Sodick – AL800G, AL800P, ALC800G, ALN800G

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: 504 mm

Vertical configuration
The table does not support 3Ruler.
Working area:
X: 800 mm
Y: 600 mm

Design of table, does not allow reference rail opposite of operator nor 3Ruler for vertical configuration.

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: 504 mm

Vertical configuration
The table does not support 3Ruler.
Working area:
X: 800 mm
Y: 600 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**

May 31, 2021
Subject to modifications
MIC-2871

Sodick – AP250L (yr. 2002-)

Machine table without tooling
Working area:
- X: 250 mm
- Y: 150 mm

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

Working area:
- X: 250 mm
- Y: 109 mm

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

Working area:
- X: 250 mm
- Y: 150 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.

NOTE: The rail is too long thus lack of support from table. Possible to cut off 40 mm of reference rail for optimal performance.
**MIC – Machine Interface Configuration**

May 31, 2021  
Subject to modifications  
MIC-2953

**Sodick – AP450L**

Machine table without tooling  
Working area:  
- X: 450 mm  
- Y: 300 mm

**Horizontal configuration**  
This configuration displays one 3Ruler, but two cross bars may be used.  
Working area:  
- X: 450 mm  
- Y: 237 mm

**Vertical configuration**  
This U-shaped machine-table, does not support 3Ruler.  
Working area:  
- X: 450 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**

April 10, 2019
Subject to modifications
MIC-2878

Sodick – AQ750L

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

Working area:
- X: 750 mm
- Y: 500 mm

**Vertical configuration**
The table does not support 3Ruler.

Working area:
- X: 750 mm
- Y: 500 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

Sodick – AQ900L

Machine table without tooling
Working area:
X: 900 mm
Y: 600 mm

Horizontal configuration
This configuration display one 3Ruler, but two cross bars may be used.
Working area:
X: 900 mm
Y: 600 mm

Vertical configuration
The table does not support 3Ruler.
Working area:
X: 900 mm
Y: 600 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**

April 10, 2019

**Sodick – AQ1200L**

No 3Ruler has been made available for horizontal configuration.

Machine table without tooling
Working area:
X: 1200 mm
Y: 800 mm

**Horizontal configuration**
There is no 3Ruler made available for horizontal configuration.
Working area:
X: 1200 mm
Y: 800 mm

Reference rail
3R-200.4J-2 (4x)

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

Working area:
X: 1100 mm
Y: 800 mm

Reference rail may alone or together with 3R-200.4J-2 support products other than 3Ruler.
3R-200.5J-2 (4x)

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.

3R-239-865.86
3Ruler

3R-200.4J-2 (4x)
Reference rail
3R-200.5J-2 (4x)
**MIC – Machine Interface Configuration**

November 11, 2018
Subject to modifications
MIC-2828

**Sodick – VL400Q**

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: 242 mm

**Vertical configuration**
The 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**

Sodick – VL600Q

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**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: 316 mm

Design of table, does not allow reference rail opposite of operator nor 3Ruler for vertical configuration.

**Vertical configuration**
The table does not support 3Ruler.
Working area:
- X: 600 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.