AgieCharmilles wire EDM's + System 3R tooling

Ledger for Reference elements and 3Rulers

Older machines
Note: Older machines

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.

### Agie

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<td>Challenge 3 (Parallel)</td>
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### AgieCharmilles

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<td>Progress VP4 (yr2014-2021)</td>
<td>3R-200.3J-STD 875.86</td>
<td>3R-200.5J-STD + 3R-200.6J-STD 625*</td>
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* 3Ruler is supplied by article no.: K-30692

### Charmilles

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* 3Ruler is supplied by article no.: K-30537
MIC – Machine Interface Configuration

AgieCut – Attak, Challenge2, Classic2, Evolution2, Excellence2, Progress2 (Square shape)

Machine table without tooling
Working area:
X: 350 mm
Y: 250 mm

Horizontal configuration
This configuration display one 3Ruler, but two cross bars may be used.
Working area:
X: 350 mm
Y: 250 mm

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

December 19, 2019
Subject to modifications
MIC-2922

AgieCut – Challenge2, Classic2, Evolution2, Excellence2,
(Parallel table)

Machine table without tooling
Working area:
  X: 350 mm
  Y: 250 mm

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

Working area:
  X: 350 mm
  Y: 220 mm

Vertical configuration
Parallel table configuration does not support 3Ruler by vertical set-up.

Working area:
  X: 350 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

AgieCut – Challenge 3, Classic3, Evolution3, Excellence3, (Parallel table)

Machine table without tooling
Working area:
X: 500 mm
Y: 350 mm

Horizontal configuration
This configuration display one 3Ruler, but two cross bars may be used.
Working area:
X: 500 mm
Y: 350 mm

Vertical configuration
Parallel table configuration does not support 3Ruler by vertical set-up.
Working area:
X: 500 mm
Y: 350 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

December 19, 2019
Subject to modifications
MIC-2925

AgieCut – Challenge3, Classic3, Evolution3, Excellence3, Progress3 (Square shape)

Machine table without tooling
Working area:
X: 500 mm
Y: 350 mm

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

Working area:
X: 500 mm
Y: 350 mm

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

Working area:
X: 500 mm
Y: 337 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

AgieCharmilles – PROGRESS VP2
Configuration of table is valid year 2014 and later.

Machine table without tooling
Working area:
X: 350 mm
Y: 250 mm

Horizontal configuration
This configuration display one 3Ruler, but two cross bars may be used.
Working area:
X: 350 mm
Y: 250 mm

Vertical configuration
This configuration display one 3Ruler, but two cross bars may be used.
Working area:
X: 350 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

AgieCharmilles – PROGRESS VP3
Configuration of table is valid year 2014 and later.

Machine table without tooling
Working area:
X: 500 mm
Y: 350 mm

Horizontal configuration
This configuration display one 3Ruler, but two cross bars may be used.
Working area:
X: 500 mm
Y: 350 mm

Vertical configuration
This configuration display one 3Ruler, but two cross bars may be used.
Working area:
X: 475 mm
Y: 350 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

AgieCharmilles – PROGRESS VP4
Configuration of table is valid year 2014 and later.

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

Working area:
X: 800 mm
Y: 550 mm

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

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

Charmilles – RoboFil 230, 240cc

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

Working area:
X: 350 mm
Y: 220 mm

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

Working area:
X: 302 mm
Y: 220 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 13, 2019
Subject to modifications
MIC-2892

Charmilles – RoboFil 290, 300, 304, 310

Machine table without tooling
Working area:
X: 400 mm
Y: 250 mm

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

Machine table without tooling
Working area:
X: 400 mm
Y: 250 mm

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

Working area:
X: 400 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.

3R-239-520
3Ruler

3R-200.11J-7 (2x)
Reference rail

3R-239-520
3Ruler

3R-200.11J-7 (2x)
Reference rail

3R-200.12J-7 (1x)
Reference rail
NOTE: The rail is mounted 180°
**MIC – Machine Interface Configuration**

Charmilles – RoboFil 330

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: 300 mm

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

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

Working area:
- X: 390 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

Charmilles – RoboFil 380, 390

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: 312 mm

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

Working area:
X: 362 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**

**Charmilles – RoboFil 430, 440**

Machine table without tooling

**Working area:**

- X: 550 mm
- Y: 350 mm

**Horizontal configuration**

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

**Working area:**

- X: 550 mm
- Y: 337 mm

**Vertical configuration**

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

**Working area:**

- X: 487 mm
- Y: 350 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.
**System 3R**

**MIC – Machine Interface Configuration**

May 13, 2019

Subject to modifications

MIC-2891

Charmlles – RoboFil 500, 504, 510

Machine table without tooling

**Working area:**
- **X:** 700 mm
- **Y:** 400 mm

**Horizontal configuration**

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

**Working area:**
- **X:** 700 mm
- **Y:** 400 mm

**Vertical configuration**

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

**Working area:**
- **X:** 700 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.

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**3R-239-820**

3Ruler

**3R-200.12J-7 (2x)**

Reference rail

**3R-200.12J-7 (1x) + 3R-200.12J-7 (1x)**

Reference rail

**NOTE:** Both rails are mounted 180°
MIC – Machine Interface Configuration

Charmilles – RoboFil 640

Machine table without tooling
Working area:
X: 800 mm
Y: 550 mm

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

Working area:
X: 800 mm
Y: 461 mm

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

Working area:
X: 712 mm
Y: 550 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

Charmilles – RoboFil 690cc

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: 586 mm

Vertical configuration
This configuration display one 3Ruler, but two cross bars may be used.
Working area:
X: 786 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 15, 2019

Subject to modifications

MIC-2893

Charmonax – RoboFil 2050

Machine table without tooling

Working area:
- X: xxx mm
- Y: xxx mm

**Horizontal configuration**

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

Working area:
- X: xxx mm
- Y: xxx mm

**Vertical configuration**

The table size does not enable 3Ruler along Y-axis.

Working area:
- X: xxx mm
- Y: xxx 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**

**Charmilles – RoboFil 6040, 6050**

**Horizontal configuration**

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

- Working area:
  - X: 628 mm
  - Y: 398 mm

**Vertical configuration**

The design of table does not support 3Ruler.

- Working area:
  - X: 628 mm
  - Y: 398 mm

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

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