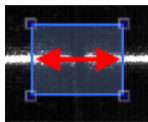**PRECITEC**

# 2 - S31 ROI Line moving

■ **Description**

Definition of two rectangles of ROI (**R**egion **O**f **I**nterest) for setting

- a large ROI which contains a small "moving ROI"
- a small "moving ROI" for the laser line tracking depending on the last found seam position

■ **Icon**



**2 S31 ROI Line moving**
dynamic line ROI based on last found positon

■ **Parameters**



**Filters of
2 S31 ROI Line moving**

◀

01 ROI line

03 ROI line moving w

37 ROI moving

92 Plaus. min. ROI Height

**Attributes of 01 ROI line**

Verbosity level

None

| ROI Position X | NPixel |
| --- | --- |
| — 220 (260) | + |

| ROI Position Y | NPixel |
| --- | --- |
| — 150 (289) | + |

| Width | NPixel |
| --- | --- |
| — 630 (507) | + |

| Height | NPixel |
| --- | --- |
| — 180 (403) | + |

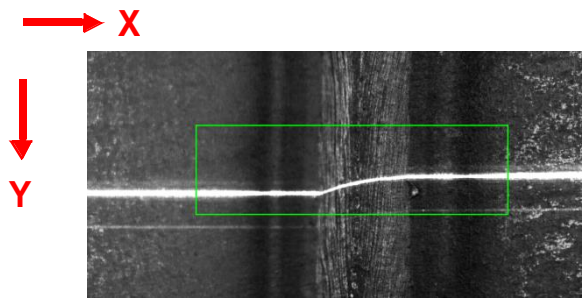| Parameter | Comment |
| --- | --- |
| Verbosity level | Selection of verbosity level. Larger verbosity levels offer more overlay information. |
| ROI Position X | Start position X of the rectangle (ROI). [Pixel] |
| ROI Position Y | Start position Y of the rectangle (ROI). [Pixel] |
| Width | Width of the rectangle (ROI). [Pixel] |
| Height | Height of the rectangle (ROI). [Pixel] |

**Verbosity example:**
The green rectangle shows the set large ROI where the small "moving ROI" will be placed to track the laser line.

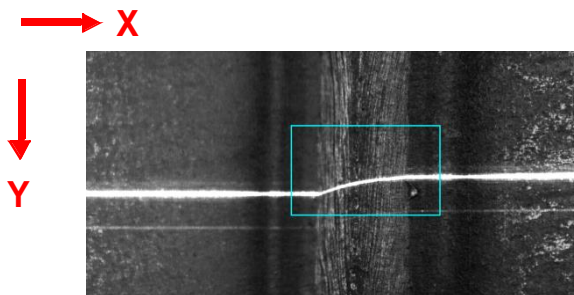| Parameter | Comment |
|-----------|---------|
| Number | Fix width of the small "moving ROI". The horizontal position is centered to the seam center position found in the before image.<br>[Pixel] |



| Parameter | Comment |
|-----------|---------|
| Verbosity level | Selection of verbosity level. Larger verbosity levels offer more overlay information. |

**Verbosity example:**
The blue rectangle shows the horizontally adjusted small "moving ROI" to track the laser line.

**Attributes of**
**92 Plaus. min. ROI Height**

Number

20.000

| Parameter | Comment |
|-----------|---------|
| Number | Threshold for the minimum ROI height of plausibility check. Lower than the threshold, the ROI is invalid.<br>[Pixel] |

- **Measured values for plotter**

| 729 | 0/1 | ROI line valid |
|-----|-----|----------------|

- **Subgraphs interface**

**IN bridges**                                    **OUT bridges**

| ◤ **image** | Img | ◤ **image** | ROI line |
|-------------|-----|-------------|----------|
| � **start end info** | Start end info | ◤ **value** | ROI line X / Y / W / H<br><br>ROI line valid |

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## Graph block diagram