

## 5 - S2x ROI Seam V3

### ■ Description

Set the final left and right seam border positions.

### ■ Icon



5 S2x ROI Seam V3

Set final left and right seam position.

### ■ Parameters

#### Filters of 5 S2x ROI Seam V3



02.1 Offset left



02.2 Offset right



02.3 min. width



03 Mean filter Seam position



04 ROI Seam



80 ROI Plaus left



80.1 ROI width of blank int. check



90 ROI Plaus right




90.1 Plausibility min part present intensity




90.2 Plausibility min seam intensity

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 Attributes of  
02.1 Offset left


Number

Parameter	Comment
Number	Shifts the left ROI border rightward. [Pixel]

 Attributes of  
02.2 Offset right

Number

Parameter	Comment
Number	Shifts the right ROI border leftward. [Pixel]

 Attributes of  
02.3 min. width

Number

Parameter	Comment
Number	If the calculated seam width is smaller than that value the seam width will be set to that value. [Pixel]



**Attributes of**  
**03 Mean filter Seam position**

Filter length N values

Maximal jump.

Always pass through bad rank  
☒ On/Off

Parameter	Comment
Filter length	This smoothens the "expected" seam position, which will be used for the next image as a prediction. [Images]
Maximal jump	Max. allowed distance of the new seam border positions to the "expected" positions, that the new positions are valid and taken over into the filter. [Pixel]

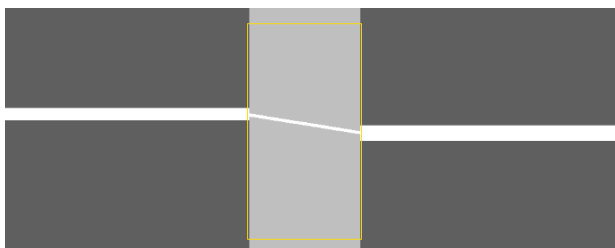
**Attributes of**  
**04 ROI Seam**


Verbosity level

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

### Verbosity example:

The yellow rectangle shows the found ROI for further seam analysis.




**Attributes of**  
**80 ROI Plaus left**




Verbosity level  
 None

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

### Verbosity example:



The magenta rectangle shows the ROI on the left side blank where the intensity is checked.




**Attributes of**  
**80.1 ROI width of blank int. check**


Number  
 50.000

Parameter	Comment
Number	Width of the ROI where to check the intensity on the blanks. [Pixel]


**Attributes of**  
**90 ROI Plaus right**


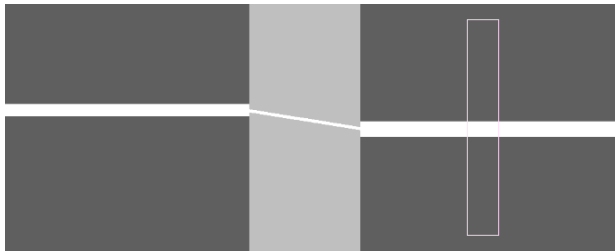
Verbosity level  
 None

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



### Verbosity example:



The magenta rectangle shows the ROI on the right side blank where the intensity is checked.




**Attributes of**  
 90.1 Plausibility min part present intensity
 

Number

Parameter	Comment
Number	Min. necessary intensity level to decide if the ROI is on blank or outside. [Greylevel]


**Attributes of**  
 90.2 Plausibility min seam intensity
 

Number

Parameter	Comment
Number	Min. necessary intensity level to decide if "on seam" or outside to measure the notch size. [Greylevel]





## ■ Measured values for plotter

557	0 / 1	Plausibility light error
575	0 ... 255	Intensity Part left
576	0 ... 255	Intensity Part right
700	0 ... xxx	Seam position left
701	0 ... xxx	Seam position right
702	0 ... xxx	Seam position center
731	0 ... 255	Intensity Seam

## ■ Subgraphs interface

### IN bridges

### OUT bridges

 <b>image</b>	Img ROI preSeam	 <b>image</b>	ROI seam
 <b>value</b>	Seam pos left Seam pos right ROI preSeam X ROI preSeam Y ROI preSeam W ROI preSeam H ROI preSeam valid Start end active	 <b>value</b>	Seam pos left filtered Seam pos right filtered Seam pos center filtered PlausError grey

- **Graph block diagram**

