



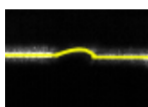
## 5 - S12 SEARCH Line parallel max

### ■ Description

Search seam borders left and right.

Starting on the left ROI rim we search in given horizontal distances vertically an intensity maximum as "laserline point" and connect a horizontal straight line up to the next point. If the found intensity maximum is below a threshold we do again a pixel-by-pixel fine search in that range.

### ■ Icon




5 S12 SEARCH Line parallel max  
Search seam borders left and right

### ■ Parameters

Filters of  
5 S12 SEARCH Line parallel max



 04 Close Gaps

**Attributes of 04 Close Gaps**

Verbosity level  
 None

Minimal segment length in X direction. NPixel  
 — 5 +

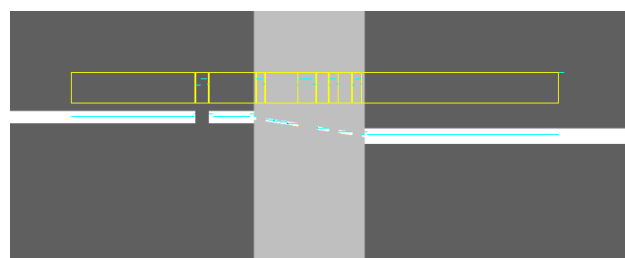
Max. jump Y NPixel  
 — 15 +

Maximal interpolation length NPixel  
 — 50 +

Parameter	Comment
Verbosity level	Selection of verbosity level. Larger verbosity levels offer more overlay information.
Minimal segment length in X direction	Number of min. found connected laser line points to search for a next point over a gap. [Pixel]
Max. jump Y	Max. search range in vertical direction for a next point over a gap. [Pixel]
Maximal interpolation length	Max. allowed search range in horizontal direction for a next point over a gap. [Pixel]

**Verbosity example:**

The blue line shows the laser line tracking. The yellow rectangles mark the correct found laser line parts. Gaps between the yellow rectangles mark position and width of a gap in the laser line tracking, that was passed over.





## ■ Measured values for plotter

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## ■ Subgraphs interface

### IN bridges

### OUT bridges

<b>image</b>	ROI line	<b>Line</b>	Line
		<b>value</b>	Line intensity

## ■ Graph block diagram

