Contour welding

- Leister – sequentially welded.
  - Precise laser beam
  - Highly flexible
  - Any 2D-welding lines

GLOBO welding

- Leister – local pressure.
  - 2D- or 3D-welding
  - Welding without clamping device
  - Continuous welding

Simultaneous welding

- Leister – welded at once.
  - Short process time
  - Collapsing possible
  - Collapsible mass production

Radial welding

- Leister – no rotation.
  - No clamping device necessary
  - High throughput
  - Rotation free

Mask welding

- Leister – smallest geometries.
  - Line shaped laser beam
  - Any geometries
  - Small and plane structures

Quasi-simultaneous welding

- Leister – easy scanning.
  - Exact laser beam
  - Beam guiding by two mirrors
  - Collapsing possible

Also available:

- Different working areas
- Different spot diameters
- Optic for part-diameter up to 28 mm
- Optic for part-diameter up to 68 mm
- Point-symmetric contours
- Structured masks
- Positioning systems

Leister – smallest geometries.

- Pyrometer
- Different focus diameters
- Roller optic with different line length
- Pyrometer

Also available:

- 2D- or 3D-welding
- Different ring sizes
- Optic for part-diameter up to 28 mm
- Optic for part-diameter up to 68 mm
- Point-symmetric contours
- Structured masks
- Positioning systems

Leister – smallest geometries.

- Pyrometer
- Different focus diameters
- Roller optic with different line length
- Pyrometer

Also available:

- 2D- or 3D-welding
- Different ring sizes
- Optic for part-diameter up to 28 mm
- Optic for part-diameter up to 68 mm
- Point-symmetric contours
- Structured masks
- Positioning systems

Leister – smallest geometries.

- Pyrometer
- Different focus diameters
- Roller optic with different line length
- Pyrometer

Also available:

- 2D- or 3D-welding
- Different ring sizes
- Optic for part-diameter up to 28 mm
- Optic for part-diameter up to 68 mm
- Point-symmetric contours
- Structured masks
- Positioning systems

Leister – smallest geometries.

- Pyrometer
- Different focus diameters
- Roller optic with different line length
- Pyrometer

Also available:
<table>
<thead>
<tr>
<th>Address</th>
<th>NOVOLAS WS-AT</th>
<th>NOVOLAS Basic AT</th>
<th>NOVOLAS AT Compact</th>
<th>Customer Service</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Leister – turn-key system.</strong></td>
<td><strong>Leister – integrable.</strong></td>
<td><strong>Leister – air-cooled laser.</strong></td>
<td><strong>Leister – always there for you.</strong></td>
<td></td>
</tr>
<tr>
<td>modular, configurable design</td>
<td>flexible</td>
<td>flexible and inexpensive</td>
<td>material and design consulting</td>
<td></td>
</tr>
<tr>
<td>user-friendly interface</td>
<td>several laser combinations available</td>
<td>small and compact</td>
<td>welding tests</td>
<td></td>
</tr>
<tr>
<td>online process control</td>
<td>modular setup</td>
<td>low maintenance</td>
<td>process support</td>
<td></td>
</tr>
</tbody>
</table>

**Also available:**
- rotary table
- customized adaptations
- all leister optics
- customized adaptations
- all leister optics
- scanner optic and software
- small series production
- remote control diagnosis

**Leister – Laser Welding of Plastics.**

**Medical engineering**
**Automotive Electrotechnology**
and many more...

**Headquarters:**
Leister Technologies AG
Galileo-Strasse 10
CH-6056 Kägiswil/Switzerland
phone: +41 41 662 74 74
fax: +41 41 662 74 16
e-mail: leister@leister.com

www.leister.com