

Extrusion welders from Leister in service when building a galvanization plant in , UAE.

## We are local – worldwide.

Something big is happening in ! And that is not only the buildings. A great deal of money is being invested in the infrastructure. And it is sustainability that counts. The Emirate intends to reduce the energy consumption of lamp posts by 30 % thanks to a new lighting system. The street lights are now manufactured and finished in a new factory. The German company C. ILLIES & Co opted for Leister welding tools for construction of the galvanization plant. An important reason for the collaboration was the guarantee by the local Leister partner, LLC, to provide a 24-hour service.

### Crucial service

12 giant plastic tanks were constructed for the galvanization plant at the new Al Jaber Street Light Factory in . Over 100 tons of PP plate material were used for their construction. The German company ILLIES was commissioned with manufacturing this gigantic plant. The first lamp posts from the new production were urgently required. That meant ILLIES had to work within a narrow time frame. In multiple shift operation amid the harsh conditions of a desert summer in the Emirate, the up to 60 mm thick plastic was welded with Leister extrusion welders. This occurred at outside temperatures of over 50 degrees Celsius. ILLIES met the time schedule. Today, up to 20 tons of lamp posts are machined in the completed plant.



*Extrusion welder WELDMAX working on a fillet weld seam.*

### Collaboration based on availability

The company ILLIES is represented throughout the world – just like Leister Process Technologies. This was an important



*A hall was built specially for the huge galvanisation plant.*

factor in favor of ILLIES' decision to utilize tools made by the long-established Swiss company for installation of the system. Qualified engineer Andreas Schwarte, Regional Manager of ILLIES in , described the situation: "The reason why we work with Leister tools on our various projects throughout the world is simple: Leister has first-class service centers all over the world. That means we are certain of having the tools handled professionally anywhere and at any time, ensuring they are returned quickly to the construction site. Of course, the high quality of the tools is also paramount for their use."

### **Tight spaces mastered**

Leister produces extrusion welders with an extrudate output of up to 6 kg an hour. However, the small and practical FUSION 3 and WELDMAX are used in . This is because of the very confined spaces. Despite its modest size, the FUSION 3 achieves an output of up to 3 kg extrudate an hour. The WELDMAX is the smallest extrusion welder made



*The numerous details were particularly challenging.*



*For tight spaces the handy WELDMAX is perfectly qualified.*

by Leister. It is primarily applied for fiddly details. The manual welding tool TRIAC S was needed for small welding work on the construction site, where even the flexible extrusion welders were unable to gain access. The TRIAC S has been the top-selling tool of its kind for many years now. That clearly reflects its outstanding quality.

### **International presence**

Leister is represented in around 90 countries with 120 certified sales and service partners. Only employees of certified service partners trained in Leister equipment may carry out repair work and service the tools. In the this is the company BMC Gulf Trading LLC. Also here the utmost importance is placed on the quality of the Service department. The rapid availability of spare parts represents yet another advantage of Leister's broad sales network for customers. As a result, the tools can be returned to where they are needed within 24 hours. As Schwarte emphasizes: "I think the key to Leister's success lies in the combination of high-quality, reliable and professional service on an international scale. For companies like us, there is only one provider (...)."



*Extrusion welder FUSION 3*



*Extrusion welder WELDMAX*



*Hot air tool TRIAC S*

**Project:** Al Jaber Street Light Factory, Abu Dhabi, UAE  
**Customer:** C. ILLIES & Co, [www.illies.de](http://www.illies.de)  
**Device supplier:** Leister Process Technologies, [www.leister.com](http://www.leister.com)  
**Sales and service partner:** Trading & Contracting L.L.C., UAE, [www.bmc-gulf.com](http://www.bmc-gulf.com)

---

**Photos:** Fabian Beermann, BMC Gulf  
**Text:** Christophe von Arx, Leister

**Headquarters:**

**Leister Process Technologies**  
Galileo-Strasse 10  
CH-6056 Kaegiswil/Switzerland  
phone: +41 41 662 74 74  
fax: +41 41 662 74 16  
leister@leister.com

**Leister Technologis KK**  
Shinyokohama Bousei Bldg 1F  
3-12-20, Shinyokohama, Kohoku-ku  
Yokohama 222-0033 / Japan  
phone: +81 45 477 36 37  
fax: +81 45 477 36 38  
info@leister.co.jp

**Leister Technologies LLC**  
1253 Hamilton Parkway  
Itasca, IL 60143/USA  
phone: +1 630 760 1000  
fax: +1 630 760 1001  
sales@leisterusa.com

**Leister Technologies Ltd.**  
Building A, 1588 Zhuanxing Road  
Shanghai 201 108 PRC  
phone: +86 21 6442 2398  
fax: +86 21 6442 2338  
leister@leister.cn



Our close worldwide network of more than 120 Sales and Service Centres in more than 90 countries.

- |                |               |             |                 |                |                     |                      |                 |
|----------------|---------------|-------------|-----------------|----------------|---------------------|----------------------|-----------------|
| <b>Europe:</b> | Great Britain | Russia      | <b>America:</b> | <b>Africa:</b> | <b>Middle East:</b> | <b>Asia Pacific:</b> | <b>Oceania:</b> |
| Austria        | Greece        | Serbia      | Canada          | Algeria        | U.A.E.              | P.R.China            | Australia       |
| Belarus        | Hungary       | Slovakia    | Mexico          | Egypt          | Saudi Arabia        | Hong Kong            | New Zealand     |
| Belgium        | Ireland       | Slovenia    | USA             | Kenya          | Qatar               | India                |                 |
| Bulgaria       | Iceland       | Spain       | Argentina       | Morocco        | Iran                | Indonesia            |                 |
| Croatia        | Italy         | Sweden      | Brazil          | South Africa   |                     | Japan                |                 |
| Cyprus         | Latvia        | Switzerland | Chile           | Tunisia        |                     | Korea                |                 |
| Czech Republic | Lithuania     | Turkey      | Columbia        |                |                     | Malaysia             |                 |
| Estonia        | Netherlands   | Ukraine     | Costa Rica      |                |                     | Philippines          |                 |
| Denmark        | Norway        |             | Ecuador         |                |                     | Singapore            |                 |
| Finland        | Poland        |             | Venezuela       |                |                     | Taiwan               |                 |
| France         | Portugal      |             | Peru            |                |                     | Thailand             |                 |
| Germany        | Romania       |             |                 |                |                     | Vietnam              |                 |

Your Sales and Service Centre: