

Press Release

Polysoude India Technovation 2016 - A new era! -

On the 19th & 20th April, Polysoude India held its 'Technovation 2016' Open Days.

Over 100 participants took part in the event, during which the Polysoude India team gave live demonstrations in orbital welding, automated Narrow Groove welding and weld overlay cladding, in their brand new showroom. Mr. Mariner, C.E.O. of the Polysoude Group, opened the event by presenting Polysoude India within the Global Welding Technology Group. The TWI, represented by Mr. Chris Wiseman, Industry Sector Manager, took part in the programme, showing the structure, activities and expertise of the organisation worldwide and in particular in India.

Between the technical presentations, the participants took the floor on several occasions to share their experience in the use of Polysoude equipment.

The versatile event programme was made complete by the participation of numerous partner companies, as for example EWM with a demonstration stand for manual welding and DWT for tube end preparation and bevelling. Other local partners also supported the event, such as Anvin Engineering, Polysoude's local supplier for column & boom, positioners etc., and FSH Welding-Asia supplier of filler wire, thereby highlighting their collaboration with Polysoude.

The participants were impressed by the new building, the technical possibilities and the organisation of the event. Many of them stated that they had learned a great deal and expressed their interest in the exhibited products and services.

A new building, successful Open Days... for Polysoude India, this is the start of a new era!

The Indian branch of Polysoude has grown from a small office, to a fully operational organisation with substantial human and equipment resources, in accordance with the tremendous potential of such a large country.

In terms of equipment, Polysoude India currently has demo units for the complete orbital range, as well as for automated Narrow Groove welding and weld overlay cladding. Polysoude India provides efficient services with its stock of spare parts, consequently reinforcing its autonomy and credibility with customers.

Polysoude Headquarters will of course continue to accompany the local team, in order to support this new structure in becoming a reference supplier of welding and cladding equipment in India.

Sharpening the competitive edge of our industrial customers by the use of the orbital and automated TIG process

Orbital TIG welding is the ideal technology for tube-to-tube or tube-to-tubesheet welding applications, when high quality welds are required. With or without filler wire, it is a stable, reliable process that can be used on mild steel, stainless steel, titanium and nickel - and aluminium - alloys, for example. With the latest generation of power sources, the development of a welding program, easily created via the graphical operator interface, guarantees a high-quality weld through automation. The welding cycle can be repeated as often as necessary with the same result.

For very thick-walled parts, another way of increasing productivity in addition to the Hot-Wire TIG process is by reducing the groove, and therefore the volume to be filled by the weld. The use of an open-type carriage welding head equipped with a Narrow Groove torch limits the quantity of metal to be deposited.

Another application of the TIG process is weld overlay cladding. To increase their lifetime, components are clad with a resistant layer by the weld overlay technique. Among the latest developments in terms of cladding or buttering, is Polysoude's TIGer technology, based on a special torch design which allows the juxtaposition of two TIG arcs. This technology is not only effective in meeting productivity requirements, but also provides a perfect response to constraints relating to the percentage of dilution.

After the event, customers sent warm thanks and congratulated the team:

"The event was very informative and overall participants were happy to know more about Polysoude Welding Solutions. We wish Polysoude India good luck!

Photos



Fig.1: The CEO of Polysoude opening the Technovation event with a presentation of Polysoude and the Global Welding Technologies (GWT) group



Fig.2: Weld overlay cladding demonstration



Fig.3: Live welding demonstrations to show hands-on applications in between the different technical presentations



Fig.4: Discussion between participants, Polysoude representatives and partners in front of the new building