

Company Data**CONTACTS****MASSIMO TRIGARI****GENERAL MANAGER****ANNA MARIA LOSCHI****SALES AND MARKETING OFFICE****COMPANY FOUNDED**

1997

HEAD OFFICE AND ADMINISTRATION**Commersald Impianti Srl**

Via Bottego, 245 - 41126 Modena - Italy

Tel: +39 - 059 - 348411

Fax: +39 - 059 - 343297



Numerical controlled automation is being introduced to glass mould production by Italian welding equipment supplier **Commersald Impianti**. This task remained dependent on the manual application of spray-fused canisters and powder products long after other aspects of the manufacturing process had been automated. Commersald Engineering believes that its Robo series of workstations can perform all the necessary functions of manufacturing and repairing moulds and other glassmaking accessories. The welding equipment, complete with torches and power supplies compatible with various movements, designed and manufactured entirely by Commersald Engineering, can be selected according to needs. It is available in various configurations and with power ranging from 200-400A.

All these work centres are managed by numerical control (NC), with dedicated software for both management of movements and for welding parameters. Programming meets the ISO standard, the same as normal NC machines for removing shavings.



The plants have the following characteristics:

- a torch with a copper tapering nozzle able to work in 200A continuous cycle on moulds and accessories of all dimensions for the glass industry, with constant penetration on the whole profile;
- 80kg max surfacing moulds, with pre-heating of pieces at temperatures up to 300°C for cast iron moulds and 400°C for bronze moulds;
- 20mm-thick metal structure, arc welded, quench and tempered steel with machined locator tables;
- programming simplified by the use of icons and windows.

All this equipment can be accessorized with Commersald Engineering Induction Heating Units **HEAT 6-25** Kw for correct, fast, precise and economic pre-heating of the pieces.

Commersald Group's KOY trademark is one of the most complete, well-known

and used lines of welding materials and **PTA powders**, in particular in Europe. The quality sales system of the group's welding consumables has been certified EN-ISO 9001:08 as a further warranty of excellence of its products. Commersald Group's range of PTA powders includes specific Ni/Co/Fe grades for the glass industry with different hardness and with specific features for cast iron, bronze or steel moulds.

Commersald is proud to be a leading European supplier of **Plasma Transferred Arc** equipment while focusing on developing new products and improving its machinery in each and every aspect. It also places emphasis on the assistance it provides, often external, for customers. This includes customizing machines for their specific requirements.

**Product Range**

- **COATING OF MOULDS**
- **PTA COATING OF ALL PLUNGER TYPES**
- **INDUCTION PRE-HEATING FURNACES**
- **WELDING OF MOULDS & ACCESSORIES**
- **PTA WELDING POWDERS**



Via Labriola, 42 - 41123 Modena (Mo) - Italy

Tel: +39 - 059 - 822374 - Fax: +39 - 059 - 333099 - E-mail: info@commersald.com