TOGETHER FOR the FUTURE

ISC FOR the FUTURE

ISC Ltd

Based at north of Milan, ISC Ltd is a dynamic and young company settled by a team of specialized engineers and technical skilled people with more than 20 years experience in the PU application. Our equipments are realized with semplicity, robustness and less maintenance as possible to optimize production capability and investments.
Our motto is: TOGETHER TOWARDS THE FUTURE !

ISC SERVICE

ISC Service s.a.s. is the leading Italy specialist in polyurethane
metering machinery after sale service. Our core business focus is to provide efficient technical service and spare parts solutions. Our mission is to ensure every customer achieves competitive advantage by imparting our knowledge and expertise to your process. We aim to achieve this through our four core values:

- Engineering Expertise
- Spare Parts Delivery
- Breakdown Response
- Innovation

FOAMING MACHINES FOR the FUTURE

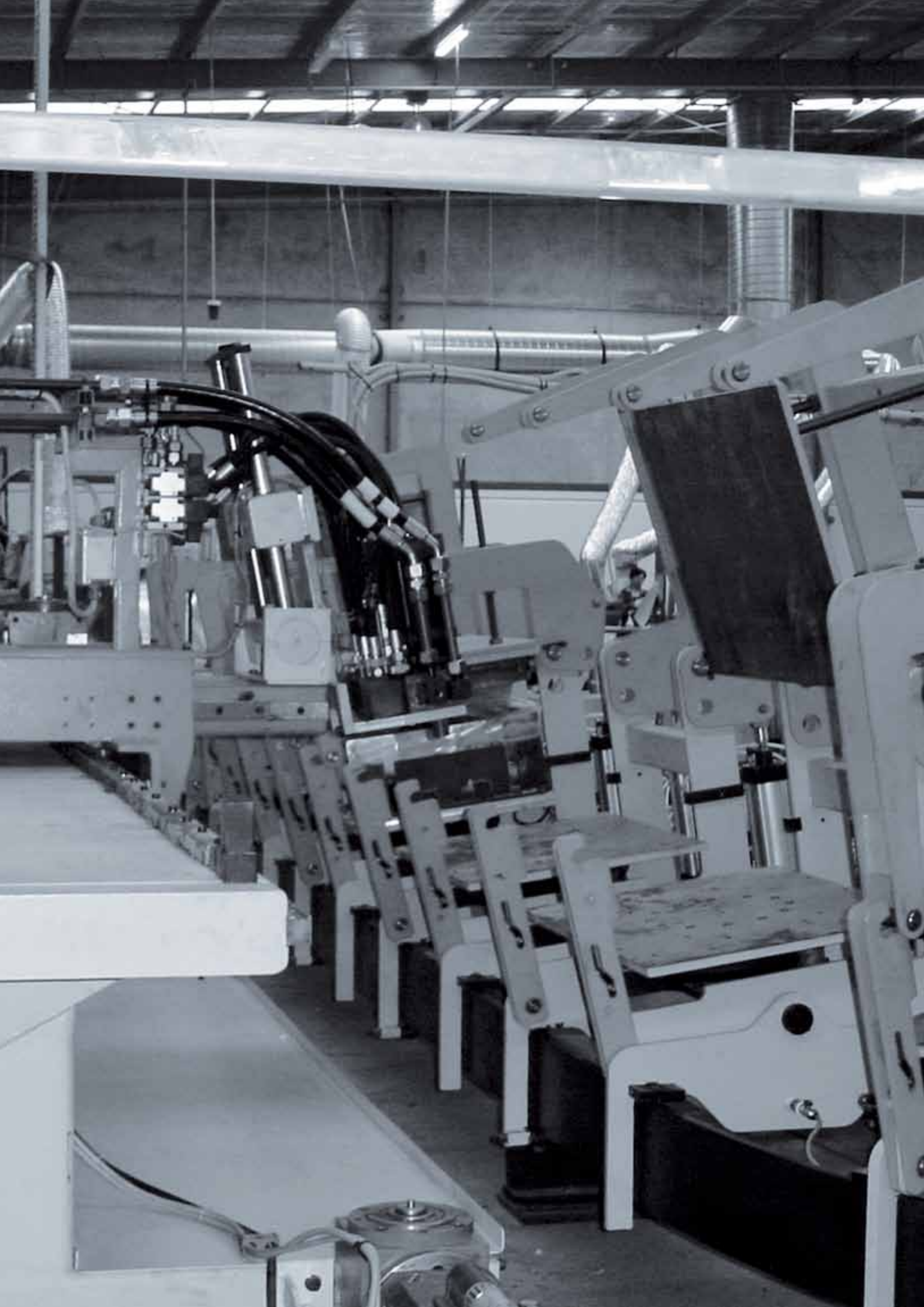
ISC Ltd. has extensive experience in the construction of PU Foaming Machines.

The production range of machines includes:
- Low Pressure foaming machines i-Mix series from 1 to 500 kg / min capacity;
- Two components High Pressure foaming machines Ultra-Mix series for moulded foam processes in all sectors;
- C-pentane high pressure foaming machines HP series for applications especially in home appliances and sandwich panels;
- Multi-component foaming machines HP-Plus series for applications in continuous processes such as continuous sandwich panel production lines.

Moreover ISC Ltd is able to provide other ancillary equipment to foaming machines such as: Pigment Dosing units, Pre-mixing stations for different materials and similar to complete the range of products.

< IMix

< Ultramix



AUTOMOTIVE FOR the FUTURE

THE AUTOMOTIVE INDUSTRY IS CONSTANTLY EVOLVING WITH NEW TECHNOLOGIES IN USE .

ISC Ltd. is able to provide equipment of all kinds. Systems with a high yield with high automation.
A very important application is becoming the use of technologies of spray into the mould, both with elastomeric resins and reinforced parts with fiber-glass to obtain a wide range of products with exceptional characteristics. Be at the forefront of automotive applications is one of the primary purposes of ISC Ltd.. Innovation and technology are the only words we use when we design systems for this sector.

REFRIGERATORS FOR the FUTURE

ITALIAN TRADITION ACQUIRED IN THE PAST AS MANUFACTURERS OF HOUSEHOLD APPLIANCES, IT IS IN TIME TRANSFORMED INTO KNOWLEDGE OF EQUIPEMENT TO BE DEVELOPED FOR THEIR PRODUCTION.

Italian companies can now boast advanced technological capabilities and can meet any requirement in the appliance industry. ISC Ltd. has formed a very important partnership with leading companies in the industry and can offer as well as foaming machines also thermoforming lines, foaming jigs etc. using the new specifications for the use of hydrocarbons such as C-Pentane. ISC Ltd. is also officially on the list of accredited suppliers to bid for major international agencies (UNDP, UNIDO, World Bank).

< Hp Series

SANDWICH PANELS FOR the FUTURE

WHEN WE SPEAK ABOUT THE ENVIRONMENT OF THE TECHNOLOGIES USED IN BUILDING CONSTRUCTIONS, SANDWICH PANELS HAVE A VERY LARGE IMPORTANCE AND INFLUENCE. .

From PU to PIR and than to Rock-wool, insulation and structural properties are entirely covered; a big importance has the utilization of alternative blowing agents such as C-Pentane (for more details see specific chapter). ISC Ltd. can be de ideal partner for supplying Storage tanks for Chemicals and C-Pentane; Dosing units from 2 to 6 components; C-Pentane dosing units; Revamping of existing lines for new technologies conversion.

Hp Plus Series >

ISC

GASKETING FOR the FUTURE

THE MAIN PRODUCTS ASSOCIATES AT THIS WORD ARE CONCENTRATE IN TWO MAIN FAMILY: "FILTRATION" AND "SEALING".

For filtration we include air filters, fuel filters, oil filters in automotive sector; industrial filtration normally referred to air, dust and paints filtration. For sealing it is included the gasketing of automotive lights, electrical control panels and in general sealing of industrial light frames in order to achieve an high Insulation Protection degree according international standards. ISC Ltd. due to his long experience in this field is able to supply dispensing units, manipulators and rotary tables for every of the above products described.
For some months ISC Ltd may also provide for the most demanding Customers, dosing systems in high pressure with self-cleaning heads with outputs from 2 to 10 g / sec.

FURNITURES FOR the FUTURE

THE RESEARCH FOR CUTTING EDGE PRODUCT HAS LED THE FURNITURE INDUSTRY IN RECENT YEARS TO DEVELOP PRODUCTS THAT ONLY ALLOWS THE POLYURETHANE TO ACHIEVE.

Great importance is mainly concentrated in the bedding industry where many innovations have been introduced to improve comfort: viscoelastic foams, gels for use in orthopedics to name a few. ISC Ltd. provides solutions for every requirement with foaming machines with integrated manual or automated equipment.
An important application it is also the usage of high density rigid foam for imitation wood imitation and substitution of plastic injection and Integral skin foam. ISC Ltd. supplies low pressure, high pressure foaming machines, carousels, moulds (epoxy resin and aluminum) for every need.

TECHNICAL FOR the FUTURE

ALL THE APPLICATIONS WHERE A SPECIFIC CHARACTERISTIC IS REQUIRED, IT IS NORMALLY INCLUDED IN THIS SECTOR

- PU with fillers suitable for mechanical properties;
- Elastomers with high resistance to abrasion and with high performances;
- PU for special elastic properties;
- Epoxy Resin for special applications in industry;

All this fields are covered with ISC Ltd. technology , able to supply machines and ancillaries for specific requirement.

ISC Ltd. also offers the experience of his engineers to develop in his laboratory new technologies to be tested before turn the parts into standard production.

STORAGE TANKS EQUIPMENT FOR the FUTURE

IN THE LAST YEARS ONE OF THE MAIN CORE BUSINESS HAS BEEN THE SUPPLY OF RAW MATERIAL STORAGES AND DISTRIBUTION SYSTEMS TO COVER ALL THE CUSTOMER NEEDS.

ISC Ltd. supplies:

- Polyol and Isocyanate storage systems with relevant accessories for any kind of production;
- C-Pentane storage tanks and relevant certifications for on the ground or underground positioning;
- Other special requirements customized according the specific need.

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