

MASTERING MOLDED PRECISION WHO WE ARE

The SMI Group is transcontinental leader in the production of molded articles for thermosetting, thermoplastic, elastomeric materials and rubber synthetic diaphragms .

With over 60 years of experience, it specializes in thermosetting resin production, mold construction, and high-volume production of technical components meeting specific requirements and top-quality standards in the market.



Despite their complex geometries, our articles boast high stability and micro-level precision achieved through various processes such as stabilization, lapping and more.



OUR SERVICES (CHOOSE ONE OR MORE)



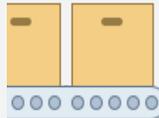
Creating thermosetting molding compound customized to your requirements, with specific printability, weight, mechanical, and electrical properties.



Article and mold design and engineering.



SMI molds, crafted from high-grade special steels using mosaic methods, are finished with electroerosion for superior wear resistance.



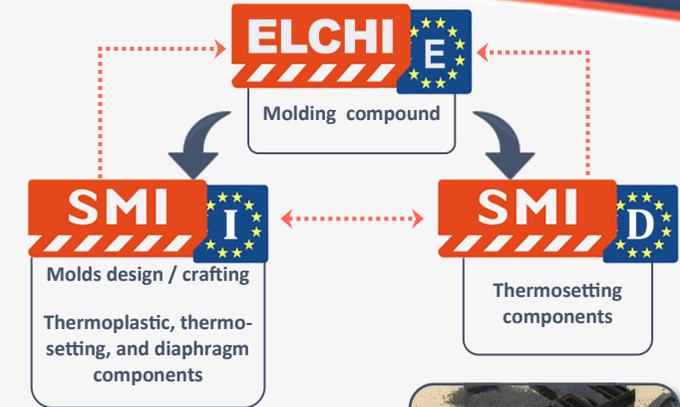
Precision manufacturing of diverse articles in thermoplastic, thermosetting, and elastomeric materials for diaphragms.

With over 30 presses up to 350 tons, our monthly capacity exceeds 3 millions of pieces.



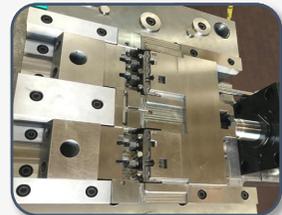
Assembled products or additional processes such as lapping and heat treatments to enhance stability and precision, supported by rigorous Quality Control and diverse equipment including Optical/Laser CMM, hardness testers, and roughness testers for micron-level accuracy.

SYNERGISTIC AUTONOMY



The collaboration across our Companies drives ongoing improvement and issue resolution through continuously feedback exchange.

Each company operates also autonomously with its own exclusive clients, optimizing resources and better conforming to local market needs.



THE SMI GROUP



Headquarters of the SMI Group, has been producing high-quality plastic components since the early 1960s.

To date, it has multiple production lines for manufacturing top-quality thermoplastic, thermosetting, and synthetic membrane products, as well as a department for engineering and mold manufacturing.



In 1992, SMI expanded its global presence by establishing a branch in Germany.

With an annual production capacity exceeding 8 million pieces and a strategic location at the heart of Europe, SMI GmbH meets the production needs of major European clients for technical and precise thermosetting components.



Since 1973, ELCHI Srl has been manufacturing top quality thermosetting powders, with an annual production capacity of over 3.000 tonnes.

Once molded, these materials exhibit excellent mechanical, chemical, and electrical resistance properties while maintaining dimensional stability. Furthermore, leveraging over 50 years of industry expertise, ELCHI can produce additional materials with differentiated characteristics.

MOLDING YOUR IDEAS INTO SOLUTIONS !



Visit us or give us a 'mold' call



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**YOUR PARTNER
FROM RAW MATERIAL
TO FINAL PRODUCT**



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