



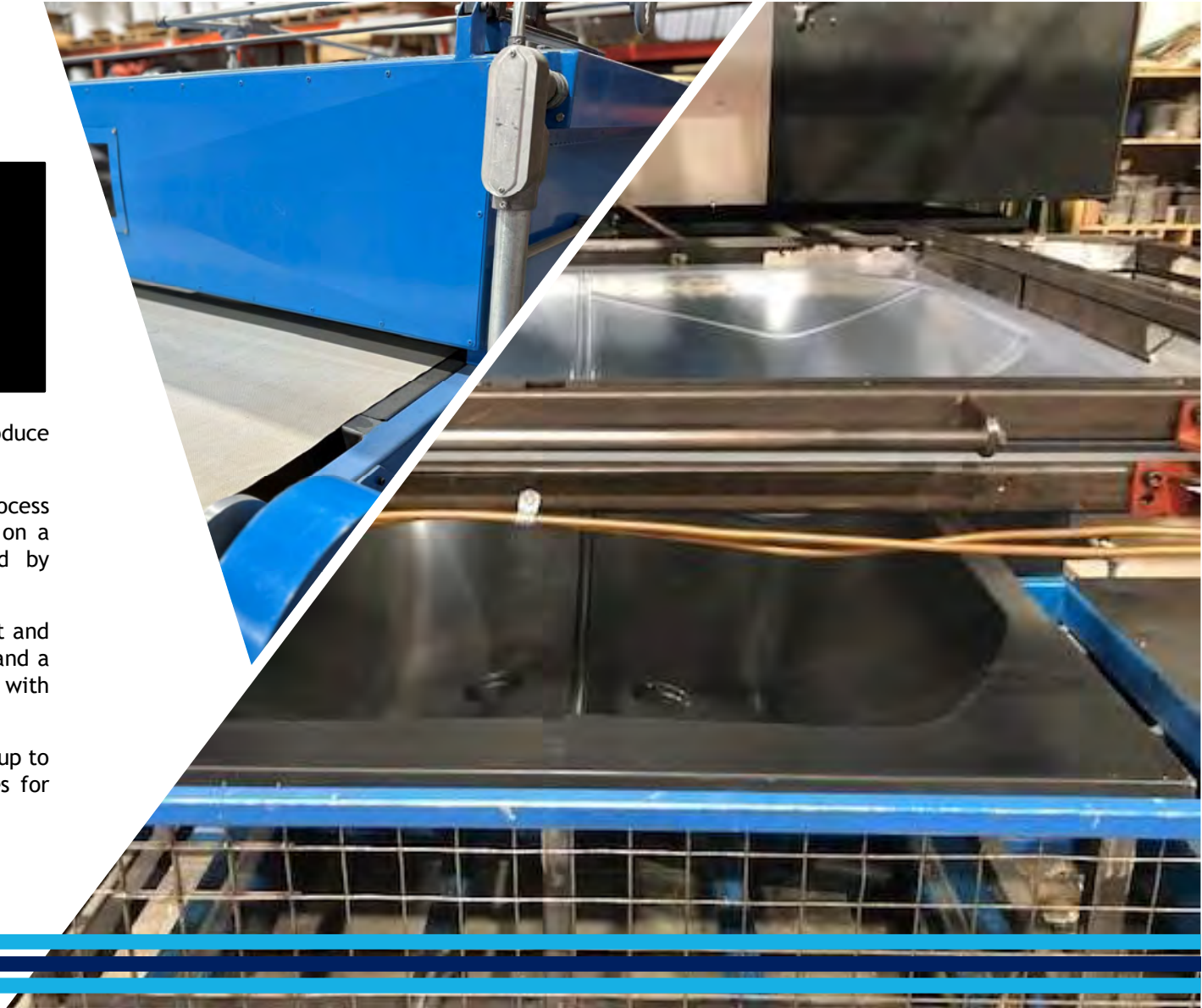
PRODUITS
Proflex

THE INGENUITY
THAT BRINGS YOUR IDEAS TO LIFE

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Vacuum forming, bending and compression molding

- ▶ These three processes enable us to produce various parts with minimal tooling costs.
- ▶ Vacuum forming is a cost-efficient process whereby a preheated plastic sheet is placed on a mold. The plastic is then pressure molded by vacuum to create the desired shapes.
- ▶ Compression molding is ideal for transparent and esthetic quality parts. By using both a male and a female mold we can achieve to mold parts with little or no visual distortion.
- ▶ We have five molding stations to mold parts up to 9 feet by 12 feet with deep draw capabilities for larger parts.



- ▶ With nine CNC's including two 5 axis machines and seven 3 axis machines, we can cut and shape your most complex parts with precision tools according to your requirements while respecting your most stringent tolerances.
- ▶ **NEW:** 3 axis CNC capable of machining 10 x 12 feet x 10 inches.
- ▶ We machine various plastics of course, but we also work with wood, MDF, melamine, insulation boards, composite boards, composite panels, high pressure laminate boards and even panels made with composite or wood cores with an aluminum or stainless-steel skin on each side.




CNC machining and cutting

The background of the slide is a collage of industrial images. On the left, there's a close-up of a metal surface with some small square markers. In the center, a dark, ribbed metal structure is visible. On the right, a vertical metal beam or column is shown. The overall tone is industrial and technical.

Laminating and glueing

- ▶ We have developed various recipes and processes to laminate and glue composite panels and parts which enables us to provide a solution to make your most complex parts possible.
- ▶ We work with various composite and structural products as well as innovative products from leading manufacturers.
- ▶ We can combine wood, MDF, melamine, insulation boards, composite boards, composite panels, honeycomb panels, Metal Core panels, high pressure laminate boards and even panels made with composite or wood cores with an aluminum or stainless-steel skin on each side.



► Proflex Products can design, draw and create your molds and cutting fixtures using the latest technologies and our CNC machines.

► Depending on the number of parts needed, your budget and the technical requirements, these molds can be fabricated using MDF, wood, various composites such as urethane and epoxy, aluminum or steel.



**Custom mold and cut
tooling fabrication**



**Achievements
vacuum forming**



Achievements vacuum forming



**Achievements
compression
molding**



Achievements laminating and glueing



Achievements passenger train interior parts



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