

ELECTRO MECHANICAL PUNCH PERFORATION
Is also available in compact, single head units, that can be located on one side of the material being perforated, or across the material on a dovetail in a specific location



**ELECTRO-MECHANICAL PUNCH PERF
TOOLING AND MACHINERY**



Electro-Mechanical Punch Perforating

 **Stewarts of America, Inc.**
"On the sharp End of Pinpoint Technology"

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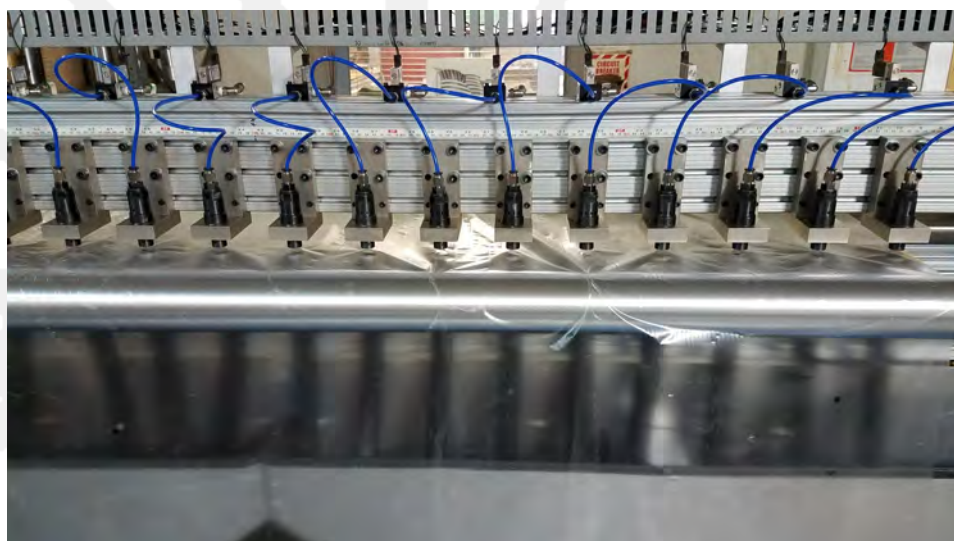


Precision tooling and machinery for Electro-Mechanical Punch perforating

WHAT IS ELECTRO-MECHANICAL PUNCH PERF?

Electro-mechanical punch perforation is a process that combines electrical and mechanical elements to create holes or perforations in materials. A sophisticated male / female hole-puncher that provides clean, open holes in a wide variety of materials with hole sizes from 3.175mm (.125") to 12.7mm (.5"). Larger holes can be created with the Stewarts of America Super Punching unit.

The electrical component controls the firing timing of the punch. The precision pneumatic controls the force and speed of the punches, ensuring a consistent and accurate perforation pattern. These systems are often used in the production of perforated sheeting,



FLEXIBLE INTEGRATION

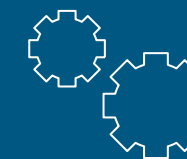
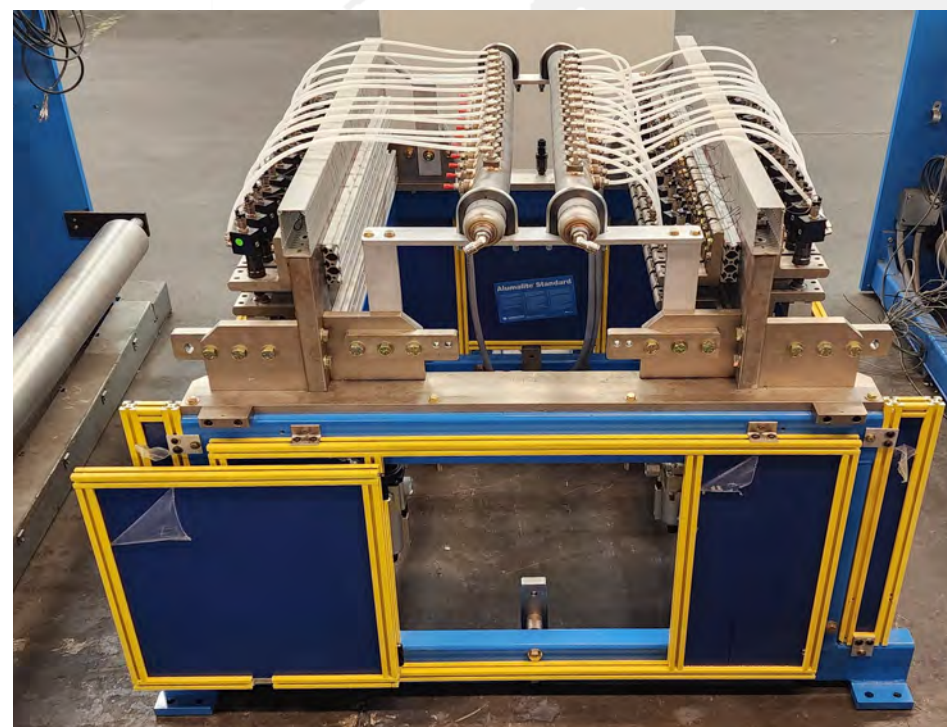
Stewarts of America Electro-pneumatic punch perforator can be a great value add, and is easily integrated into the following standard equipment:

- Extrusion Lines
- Bonding Lines
- Thermoforming Lines
- Slitter / Re-winders
- Simple Unwinds and Rewinds
- Laminators
- Printing Presses
- Bag/Pouch Making Machines
- Post Gusseting Equipment
- and more.....



ELECTRO-MECHANICAL PUNCH PERFORATION

- Simple, touchscreen controls
- Different patterns can be easily achieved through the touchscreen control
- Sounds deafening guarding is also available
- Different diameter holes can be created by switching out tooling
- Perforating speed varies depending on machine direction hole spacing, type and thickness of material being perforated
- Unit can be made to work in registration (optional).
- Hole distances across the web are adjustable
- Multiple banks of punches can be used to increase production speed
- This unit can be combined with other perforating technologies
- Stewarts of America also design and manufacture unwinding & rewinding, slitting, laminating and other perforating equipment.



CUSTOM SOLUTIONS

Stewarts of America have the ability to design and manufacture a custom perforating solution for your specific application. Stewarts of America's engineers are well versed in a wide range of materials and the effects that perforating has on these materials. From Non-wovens to Films and Foils, Stewarts of America are your partners for the *Hole Solution*.



WEB SOLUTIONS

Visit our comprehensive website for a insight of other innovative Pinned Product solutions. Stewarts of America offers the Industry. Signup for our e-newsletter, or download informative brochures at www.StewartsofAmerica.com



GLOBAL SOLUTIONS

Stewarts of America has agents and offices worldwide. We ship to over 50 countries. Our equipment is designed with the global market in mind, utilizing electronic components that are available internationally, with the support of our Stewarts of America trained knowledgeable local agents.



Flexible Electro-Mechanical Perforating Solutions for your converting needs