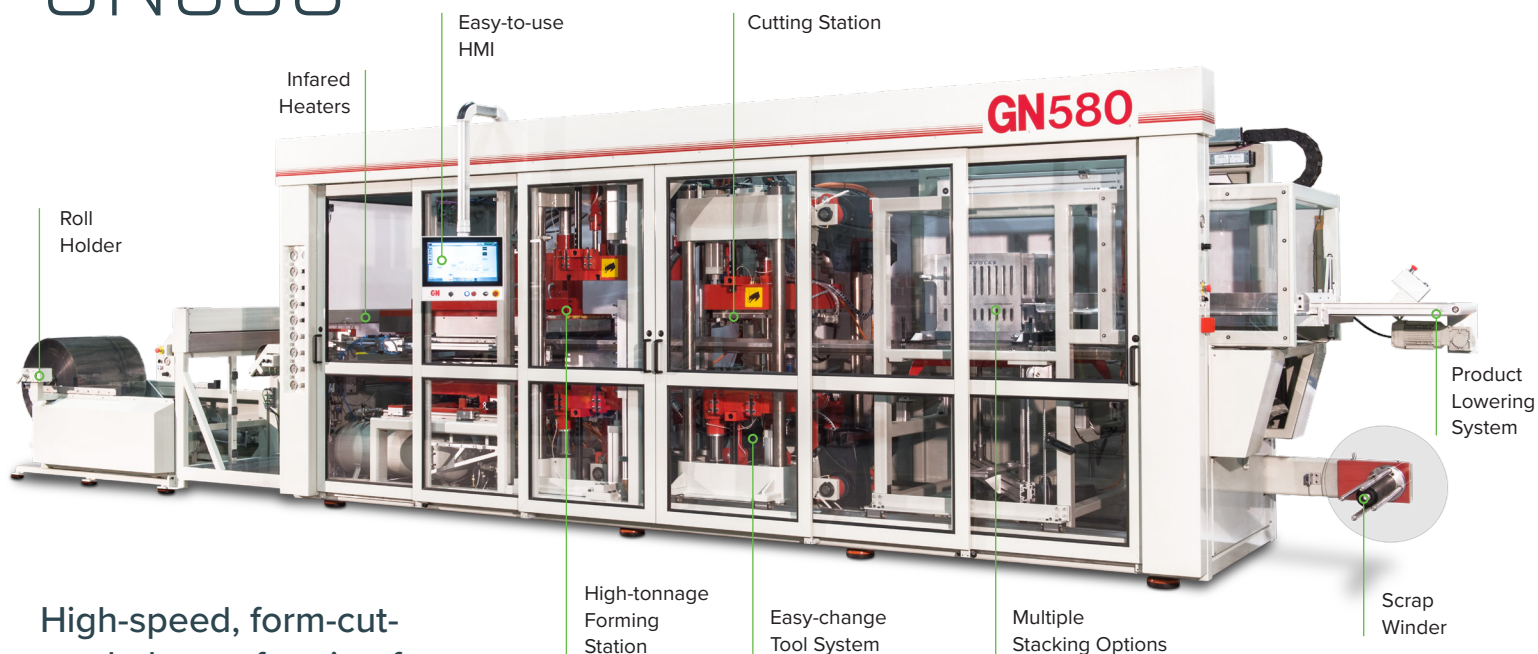


GN580



High-speed, form-cut-stack thermoforming for endless possibilities.

High-performance thermoformer

Diverse forming possibilities with precision and speed

The GN580 is a high-speed, plug-assist, form-cut-stack thermoformer. This servo-controlled high-speed model with integrated steel rule cutting press and robotic stacking station is suitable for the cost-effective production of packaging made from all thermoformable materials. The most distinctive features of the GN580 are the high degree of automation as well as the ease of tool change system, reducing downtime for machine reset. This thermoformer offers a variety of options to suit various customer requirements. The GN580 is extremely flexible and can be combined with scrap grinders, padding systems and end-of-line automation systems to complete your production line. Capable of forming CPET, PET, PP, HIPS, OPS, PVC and more blends including CPLA, PLA and other biodegradable materials.

GN580 – Flexible thermoforming for endless possibilities.

Flexible Thermoforming

Specifications	
Maximum Forming Area	580mm x 465mm (22.8" x 18.3")
Depth of Draw	120mm (4.7")
Clamping Force	25 Metric Tonnes (27.56 US Tons)
Cutting Force	60 Metric Tonnes (66.14 US Tons)
Sheet Width	650mm (25.6")
Machine Dimensions (l x w x h)	11.58m x 2.72m x 2.59m (38' x 8'11" x 8'6")



GN580

Roll Holder & Motorized Roll Unwind

- > Simple & efficient roll loading
- > Continuous roll unwind matches machine speed
- > Quick roll change & splicing

Infrared Heaters

- > High efficiency
- > Multi-zoned to better control heat distribution
- > Movable oven to suit multiple tool sizes
- > Consistent and even heating of formable material

High-tonnage Forming Station

- > Independent servo plugs for improved material distribution
- > Movable platens ensure precision
- > Energy recovery system
- > Short forming time increases production output

Cutting Station

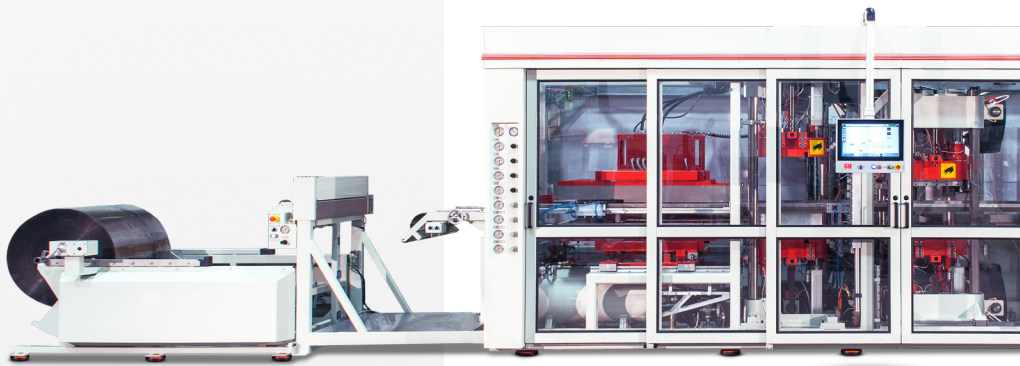
- > Precision cutting for reduced scrap waste
- > Adjustable to variable tool height & size

Easy-to-use HMI

- > Full machine operation at a glance with touch screen – movable across the full operator side of the machine
- > Recipe storage & recall
- > Internet-/remote-connection ready

Multiple Stacking Options

- > Standard Up Stacker
- > Optional Robotic Stacking Unit
- > A/B, A/B/C & rotational stacking possibilities
- > Ensures full removal of parts from scrap web at sheet line
- > Optional moving basket for improved parts removal



FEATURES

- > Precision forming & cutting
- > Increased production output
- > Reduced downtime
- > Industry-leading service

GN580 – Web



GN580 – Video



GN – Video



To see how BMG Automation Solutions can help your business, reach out today.



Shaping next.

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