



# GN

## Thermoforming Equipment



# GN 760 Plug-Assist



# At the cutting edge

GN Thermoforming Equipment has set the world standard for the plastics industry by developing a complete line of robust and dependable thermoforming machines. All GN technology incorporates an in-mould cutting system for consistent and accurate trim. These machines are easy to use and ideally suited to produce high quality thermoformed plastic products from a variety of roll-fed thermoformable materials.

Continuous research and development are the cornerstones of GN's advanced technology. Our team of experienced engineers focuses on equipment design and continuous improvement based on customer feedback and industry trends.

GN ensures the productivity of its thermoforming machines with one of the industry's most comprehensive customer service programs. Our worldwide network of agents and qualified GN technicians are available to offer a reliable after sales service.

Leading plastic package manufacturers around the world have come to rely on GN Thermoformers to make their businesses more productive and profitable.



## GN 760 Plug-Assist Thermoformer

The GN760 is a Plug-Assist Thermoformer incorporating the latest GN Thermoforming Technology achieved through continuous research and development.

### Main features:

- In-mould cutting
- Unique plug drive with twin servo motors
- Radiant heat system with 60 zones
- Robotic handling system
- Advanced diagnostics
- Powerful GN toggle system
- Energy conservation with power regeneration circuitry



### Optional equipment:

- Material pre-heating system
- Motorized material unwind unit (required when no pre-heater is used)

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## Specifications

### GN 760 Specifications

Forming Area	762mm x 534mm (30" x 21") maximum
Depth of Draw	125mm (4.92") below sheet line 15mm (0.59") above sheet line
Knife Length	8500mm (335") for APET 9525mm (375") for other thermoformable materials
Sheet Width	815mm (32") maximum
Material Thickness Range	0.25mm to 1.50mm (0.010"-0.060")
Material Roll Diameter	Up to 1200mm (47")
Main Supply Voltage	3 Phase + N + PE, 50-60 Hz (380-480V)
Oven Heating Capacity	110 kW
Running Power Consumption	28 Kva
Average Air Consumption	4400 l/min @ 6.2 bar (155 CFM @ 90 PSI)
Cooling Water Consumption	65 - 150 litres/min (17 - 40 gallons/min)
Machine Dimensions (l x w x h)	10400mm x 3650mm x 2930mm (410" x 144" x 116")
Machine Weight	7300 Kgs (16100 lbs)



### GN PH900 Pre-Heater Specifications

Material thickness	0.35 – 2.00 mm
Temperature	100 °C - 150 °C inside oven
Heating power	30 KW
Maximum sheet width	800 – 900 mm approximate
Dimensions (l x w x h)	2240mm x 2440mm x 2180mm (88" x 96" x 86") + removable feet

All dimensions are approximate

# GN

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**GN's Vision: Build Success With Our Customers!**



**Cost effective tooling is designed, manufactured and production tested at our facility.**

## **GN Thermoforming Equipment**

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**A world wide network of GN representatives  
is available to assist you.**

**ISO 9001-2008**

