GN Contact Heat Series

Energy efficient with a compact footprint



GNECO TECHNOLOGY

GN Contact Heat Thermoformers have the lowest energy usage(kWh) in the industry

The greenest and most cost-effective thermoformers in the industry.

GN Contact Heat Thermoformers have become the choice of customers throughout the world that require reliable, cost-effective thermoformers to produce thin-gauge plastic packaging with low energy consumption. With the ability to run most thermoformable grade materials at thicknesses down to 150 microns, GN Contact Heat Thermoformers are known for reducing material usage and weight. GN Contact Heat Thermoformers are 10% more cost-efficient when using sheet material due to lower scrap. Contact heat technology offers a very consistent/ even heat that is transferred at forming temperature, lowering the electrical requirements to as low as 7.5 kWh. GN Robotic Stacking Units accurately count, stack and deliver the formed parts to a receiving station for further packing and processing. Additional automation is available including bagging, counting, case packing and palletizing.

FEATURES

- Lowest energy usage in the industry
- Lowest scrap waste in the industry
- Plug & play – installed in a day[1]
- Easy to use
- Precision forming & cutting in one process
- Inexpensive tooling
- Compact footprint
- Industry-leading service

1 Thermoformer Only

bmg

Shaping **next.**

Seeing is believing.

See the BMG Contact Heat Series in action.

GN Contact Heat Series

Roll Holder & Transport System

- Simple & efficient roll loading
- Nip roll material unwind (DX)
- Static eliminator
- Accurate transport system (with no chain) for minimal scrap

Precision Tooling

- Inexpensive
- Fast & simple tool change
- Designed & production tested at our facility
- GN common edge tooling technology
- Quick tool change process

Contact Heat Forming & Cutting Station

- High-speed & high-efficiency forming
- Multi-zoned to better control heat distribution
- Electric pre-heater
- Additional heating zones available (DX)
- In-Mould cut ensures consistent & accurate trim
- Servo-driven platen for precision cutting
- Oversized roller bearings for long life & low maintenance
- Adjustable stripping point
- Optional photo scanning system available

Easy-to-use HMI

- Full machine operation at a glance with touch screen
- Recipe storage & recall
- Internet/remote connection ready
- Built-in diagnostic system
- Microprocessor-based control systems (PLC)

Stacking Options

- Robotic Stacking Unit (RSX)
- A/B, A/B/C & rotational stacking possibilities
- Ensures full removal of parts from scrap web at sheet line
- Up stacking unit available

Industry-leading Service

- Quick service turnaround – worldwide locations
- Remote service & tech support
- Remote training available
- Preventative maintenance plans

GN3021DX Specifications	
Forming Area	**760mm x 530mm (30” x 21”)**
Depth of Draw	**125mm (5”)**
Material Thickness Range	**0.15mm - 1.00mm (.006” x .040”)**
Cycles per Minute	**22 cpm maximum**
Power Consumption	**7.5 kWh (approximate)**

GN3625DX Specifications	
Forming Area	**915mm x 635mm (36” x 25”)**
Depth of Draw	**125mm (5”)**
Material Thickness Range	**0.15mm - 1.00mm (.006” x .040”)**
Cycles per Minute	**22 cpm maximum**
Power Consumption	**12 kWh (approximate)**

GN4532DX Specifications	
Forming Area	**1143mm x 812mm (45” x 32”)**
Depth of Draw	**125mm (5”)**
Material Thickness Range	**0.15mm - 1.00mm (.006” x .040”)**
Cycles per Minute	**20 cpm maximum**
Power Consumption	**20 kWh (approximate)**

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

bmg Shaping **next.**

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