

**NXT from BMG:** With 70+ years of Thermoforming expertise, our commitment to excellence shines in every aspect. Our **modular solution** is bespoke with best-in-class innovation, with the largest forming area in its class and paired with best-in-class cycle rates.

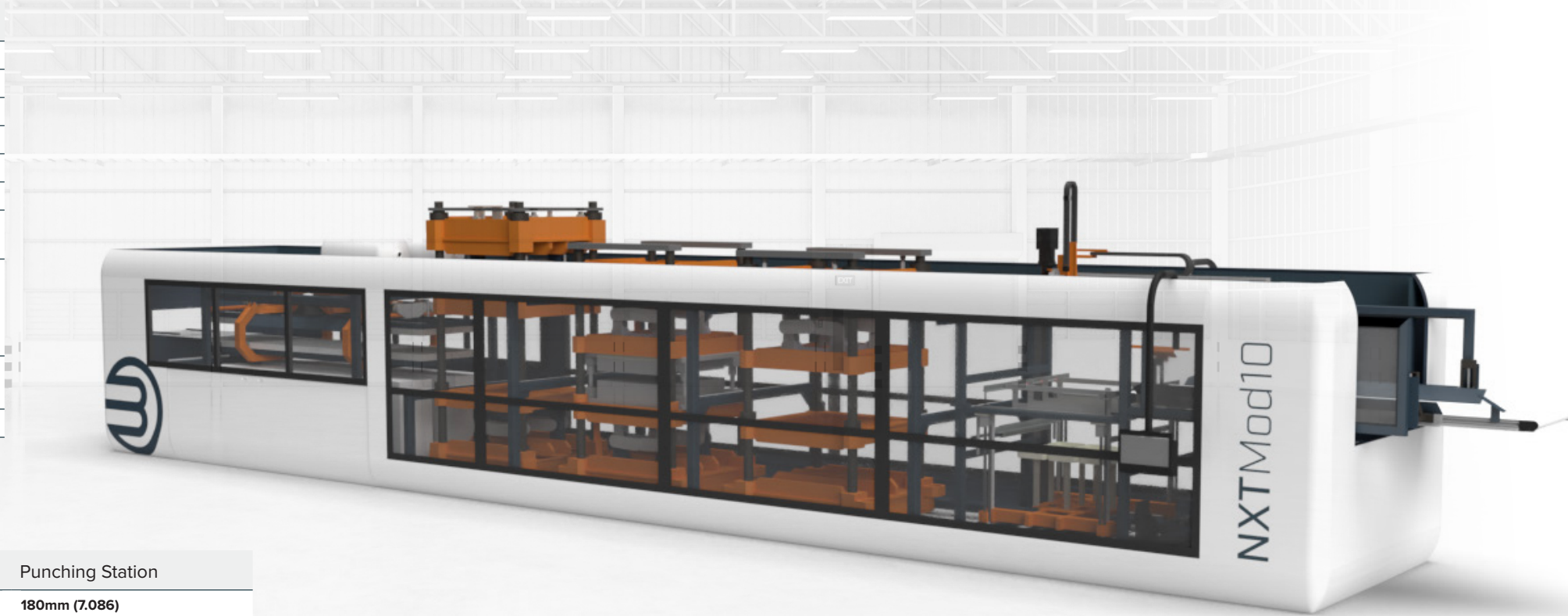
# THE **NXT** PLATFORM FROM BMG.

## NXTFiber

Scoring Station		Forming Station	
Moving beam stroke	<b>180mm (7.086)</b>	Moving beam stroke	<b>180mm (7.086)</b>
Toggle system	<b>Centered toggle design</b>	Toggle system	<b>Centered toggle design</b>
Tonnage available	<b>150 US tons</b>	Forming capacity	<b>150 US tons</b>
Forming area	<b>1120mm x 1016mm (44" x 40")</b>	Beam parallelism	<b>0.02mm</b>
Beam Parallelism	<b>0.02mm</b>	Tool alignment feature	<b>Pneumatic, pin(s)</b>
Tool alignment feature	<b>Pneumatic, pin(s)</b>	Top beam height adjustment	<b>Servo driven</b>
Auto tool clamp system	<b>Yes</b>	Bottom beam height adjustment	<b>Optional</b>
Top beam height adjustment	<b>Motor driven</b>	Y(TD)/W(rotation) Station Position Adjustment	<b>Optional, Servo driven</b> Y-stroke= 6mm each way W-angle= 1.5deg each way <b>(total of 3deg)</b>
Bottom beam height adjustment	<b>No</b>	<small>NXT provides increased flexibility to run a host of various products...</small>	
Strain gauges	<b>Standard</b>	X(MD) - Station Position Adjustment	<b>Yes, servo</b>
		Strain Gauges	<b>Yes, standard</b>

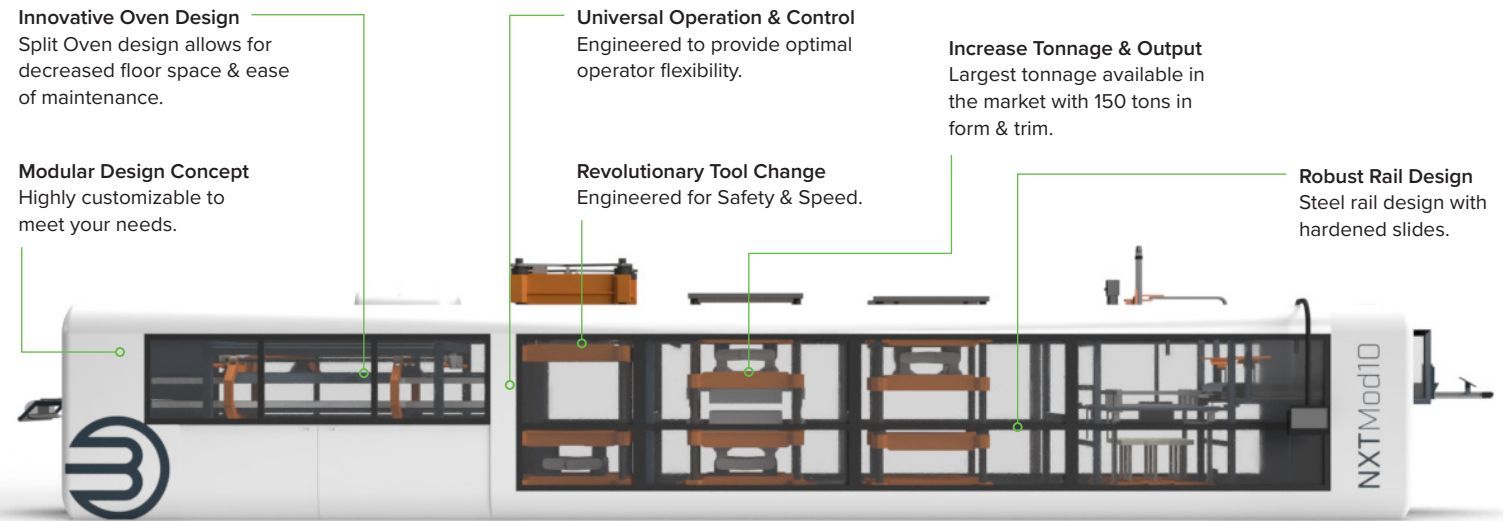
## NXTMod10

Forming Station		Cutting Station		Punching Station	
Moving beam stroke	<b>180mm (7.086)</b>	Moving beam stroke	<b>180mm (7.086)</b>	Moving beam stroke	<b>180mm (7.086)</b>
Toggle System	<b>Centered toggle design</b>	Toggle System	<b>Centered toggle design</b>	Toggle System	<b>Centered toggle design</b>
Tonnage available	<b>150 US tons</b>	Cutting capacity	<b>150 US tons</b>	Cutting capacity	<b>150 US tons</b>
In mold cut system	<b>150 US tons</b>	Beam parallelism	<b>0.02mm</b>	Beam parallelism	<b>0.02mm</b>
Forming area	<b>890mm x 1016mm (34" x 40")</b>	Tool alignment feature	<b>Pneumatic, pin(s)</b>	Tool to beam = Pneumatic pins Tool to tool = Outside of the chain rails as part of tool	
Beam parallelism	<b>0.02mm</b>	Knife heater	<b>Top standard and bottom optional</b>	Top standard and bottom optional	
Clamp frame	<b>Yes (option top and/or bottom)</b>	Top beam height adjustment	<b>Servo driven stroke 82-262mm</b>	Servo driven stroke 97-262mm	
Plugging	<b>Standard: Top servo plug Optional: Bottom servo plug</b>	Bottom beam height adjustment	<b>Optional, 0-106mm</b>	Optional, 0-106mm	
Tool alignment feature	<b>Pneumatic, pin(s)</b>	Y(TD)/W(rotation) Station Position Adjustment	<b>Optional, Servo driven</b> Y-stroke= 6mm each way W-angle= 1.5deg each way <b>(total of 3deg)</b>	Optional, Servo driven Y-stroke= 6mm each way W-angle= 1.5deg each way <b>(total of 3deg)</b>	
Auto tool clamp system	<b>Yes</b>	<small>NXT provides increased flexibility to run a host of various products...</small>			
Air product ejection	<b>Yes</b>	X(MD) - Station Position Adjustment	<b>Yes, servo</b>	Yes, servo	
Mechanical product ejection	<b>Yes, use clamp frame or mechanical tool ejection</b>	Strain Gauges	<b>Yes, standard</b>	Yes, standard	
Top beam height adjustment	<b>Motor driven with 268-705mm stroke</b>	Punch Slug Evacuation	<b>N/A</b>	Yes	
Bottom beam height adjustment	<b>No</b>				
Tooling actuator valves	<b>Qty 2</b>				
Strain gauges	<b>Standard</b>				



Our **modular solution** is bespoke with best-in-class innovation, with the largest forming area in its class and paired with best-in-class cycle rates

# NXTMod10



**Innovative Oven Design**  
Split Oven design allows for decreased floor space & ease of maintenance.

**Modular Design Concept**  
Highly customizable to meet your needs.

**Universal Operation & Control**  
Engineered to provide optimal operator flexibility.

**Revolutionary Tool Change**  
Engineered for Safety & Speed.

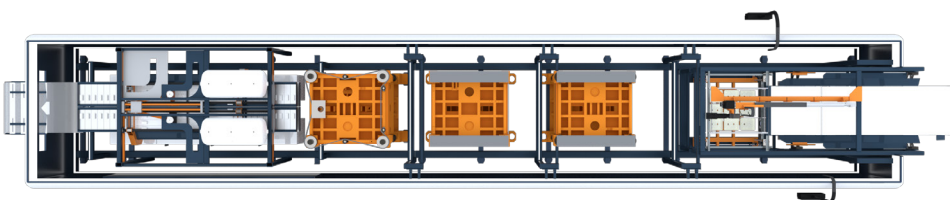
**Increase Tonnage & Output**  
Largest tonnage available in the market with 150 tons in form & trim.

**Robust Rail Design**  
Steel rail design with hardened slides.

## Transformative Thermoforming

### Efficiency, Innovation, and AI Integration

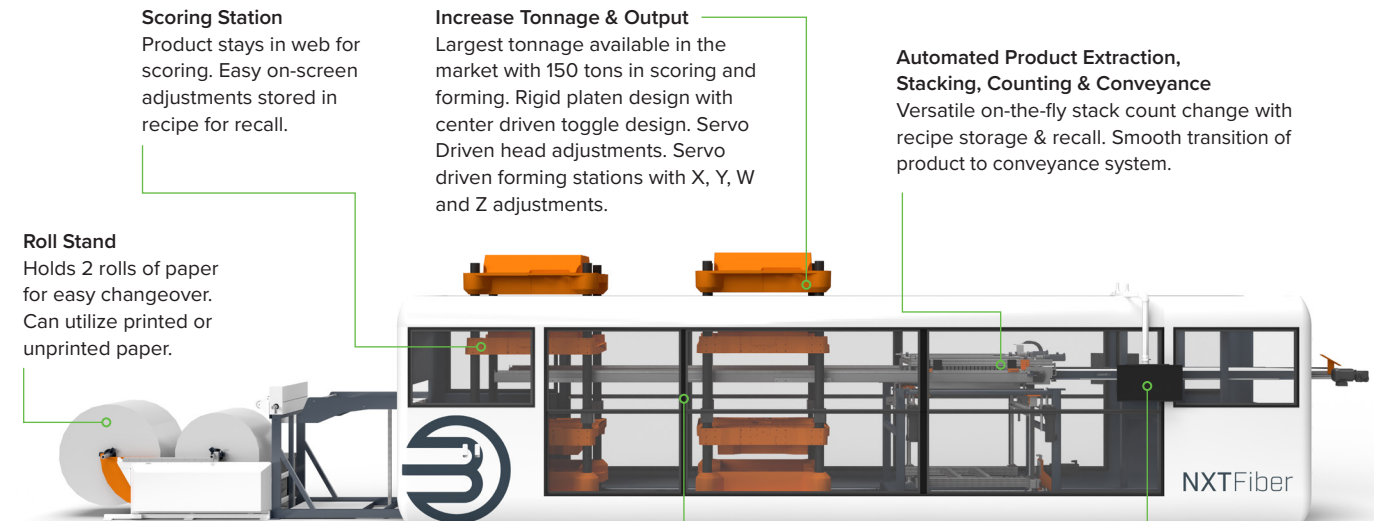
**NXT from BMG:** With 70+ years of Thermoforming expertise, our commitment to excellence shines in every aspect. Boasting the largest forming area and best-in-class cycle rates, our system offers unparalleled flexibility and top-tier tonnage. The ergonomic design prioritizes safety, featuring quick-change tooling for one-person changeovers, ensuring immediate efficiency. Proven reliability with NXT's center toggle design guarantees high-quality parts every cycle. The floor space-friendly Mod10 outshines in parts per minute, providing greater output. Our modular solution is bespoke with best-in-class innovation. The updated control design ensures an intuitive experience, ready for future AI upgrades, promising seamless integration. BMG is your constant partner, elevating output and quality effortlessly.



### FEATURES

- > Accepts 800, 900, and larger tools from most of the major machines builders and 3rd party tooling providers
- > Full access vertical doors on the front and back side
- > Tool loading
- > **Modular** — can add additional stations over time (punch, print, padding, labeling)
- > Robust steel chain rail assembly
- > Center toggle-driven station
- > Forming area available up to – 890mm x 1016mm (35" x 40"), largest in the market
- > Innovative and safe tool change
- > NXT is configured to run virtually any material
- > System will be enabled with additional sensors and vision for future upgrades to AI

# NXTFiber



**Scoring Station**  
Product stays in web for scoring. Easy on-screen adjustments stored in recipe for recall.

**Increase Tonnage & Output**  
Largest tonnage available in the market with 150 tons in scoring and forming. Rigid platen design with center driven toggle design. Servo Driven head adjustments. Servo driven forming stations with X, Y, W and Z adjustments.

**Automated Product Extraction, Stacking, Counting & Conveyance**  
Versatile on-the-fly stack count change with recipe storage & recall. Smooth transition of product to conveyance system.

**Roll Stand**  
Holds 2 rolls of paper for easy changeover. Can utilize printed or unprinted paper.

**Revolutionary Tool Change**  
Engineered for safety and speed. Requires (1) operator for changeover in record time. Automated tool change features.

**Universal Operation & Control**  
Engineered to provide optimal operator flexibility. HMI included on either side of machine to allow left and right-hand operation. Provides ultimate access and safety for operator interface.

## Transformative Paper Forming

**Introducing our revolutionary paper thermoforming system.** Meticulously crafted to redefine packaging sustainability for the future. Engineered with precision, it seamlessly facilitates the transition from plastic to paper, offering a seamless and cost-effective solution. Whether you're packaging fresh food, produce, meat, or shelf-stable products, our paper-based solutions epitomize versatility and reliability. Leveraging our state-of-the-art paper-forming technology, we ensure that container prices remain competitive, closely aligning with plastic alternatives to safeguard your margins. Partnering with us unveils a unique process solution designed to diminish your carbon footprint while meeting sustainability requirements, all while maintaining your ROI. Allow us to lead you towards a greener, more sustainable future in food packaging, where environmental responsibility and profitability harmoniously coexist. Join us in shaping the next evolution of packaging.

### FEATURES

- > Designed to accept existing tools designed for competitive offerings
- > Full access vertical doors on the front and back side
- > Tool loading
- > **Modular** — can add additional stations over time (punch, print, padding, labeling)
- > Center toggle-driven station
- > Forming area available up to – 1120mm x 1016mm (44" x 40"), largest in the market
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Seeing is believing.

See the BMG NXTMod10 in action at [onebmg.com/nxtmod10](http://onebmg.com/nxtmod10)



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Shaping next.