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**Gas
Assisted
Molding
Equipment &
Services**

Over 20 Years of Continuous Innovation

Why NitroJection Gas Assist Technology?

■ **Reduce production costs:**

- √ Faster molding cycles
- √ Reduced scrap
- √ Lower clamp requirements
- √ Reduced molding machine power consumption
- √ Reduced product weights
- √ Reduce tooling and maintenance costs

■ **Expand design options:**

- √ Eliminate design restrictions
- √ Integrate tubular sections in nominal wall moldings



■ **Increase your business opportunities:**

- √ Offer creative options to your customers
- √ Become more competitive by reducing manufacturing costs
- √ Improve product quality by eliminating sink marks and warp
- √ Mold products in lower clamp molding machines than conventional injection molding programs
- √ Provide design options to your customer your competition *cannot!*

■ **Why NitroJection?**

- √ The original, the first gas assist process in North America, with over thirty U.S. and foreign patents.
- √ Comprehensive services for product, tool and process development
- √ Over 20 years of continuous innovations
- √ Proven long term system reliability
- √ Flexible hardware options to suit *your* product and program requirements
- √ Innovative gas pins, nozzles, resin shutoff valves and all accessories for any gas assist technique
- √ [NEW: System repair and rebuild services for any make gas assist controller or booster system](#)

Reduce costs, improve quality, expand design options with NitroJection

**Process Controls, Intensifier Systems, Satellite Controllers,
and the industry leading gas assist molding accessories**

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