

Overhead Lamp Extension

New Overhead Lamp Extensions have been developed by Plastic Technologies, Inc. (PTI) to optimize the blow molding process and help reduce costs. They allow the lamp to be held by its rectangular ends in a blow molding oven. The innovative design also can be modified to hold a parabolic lens in front of the lamp to provide more control.

Overhead Lamp Extensions have been engineered to reduce job change time and provide improved end-cap heating. Additionally they:

- Provide reliable and repeatable positioning of overhead heating lamps
- Eliminate the potential for “oven crashes” when overhead lamp holders distort
- Improve material distribution via consistent heating profiles due to fixed lamp angle

Customer feedback:

- Reduction in the number of standing ring holes
- Improved top-load performance of light weight bottles
- Faster set-up
- Significant cost savings have justified installing this new technology in multiple blowmolders and production locations.

About Plastic Technologies, Inc:

Plastic Technologies, Inc. is recognized worldwide as the preferred source for plastic preform and package design/development, rapid prototyping, pre-production prototyping and material evaluation engineering.

PTI's Technical Services Group provides a broad spectrum of support services to meet your needs from plant support, process optimization and training. This includes:

- Injection and blow molding facilities audits
- Blow and injection molding process improvement
- Energy audits
- On-site resin evaluation support
- Machine acceptance, installations, starts-ups
- Operator training

For more information, contact PTI:

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Currently designed for Sidel machines
(Series 1, 2 and Universal)



The lamp in a fixed position allows the process to be repeated, faster job change.



PTI[®]
PLASTIC TECHNOLOGIES, INC.