



Metal Form & Finish, LLC.
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Supporting the Metal Working Industry since 2009

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METAL FORM & Finish

Jayco/ATL Fact Sheet

Thermal Energy Method – TEM

Thermal Energy Method – TEM, is a unique process that harnesses heat energy for **time saving and quality consistent deburring and deflashing of difficult part features**. I recently began representing the **Jayco/ATL** line of thermal energy equipment and if you use a *TEM* jobshop, is it providing the service you deserve at a fair price? If you operate inhouse machines are they dated, presenting productivity or maintenance issues? Even if you are just curious about thermal energy, can I help?

Snapshot of Jayco/ATL Thermal Energy Equipment

- **Quality:** repeatable time after time. **Consistent:** no parts or surfaces can be missed.
- **Material:** ATL can process Aluminum, Steel, Iron, Brass, diecast-Zinc, diecast-Aluminum, Plastic.
- **Productive:** cycle times of 50 to 120 seconds. Multiple piece counts limited by part size.
- **Deburr:** intersections, ID's, piercings, grooves, undercuts, blind holes, passageways.
- **Threads:** will not harm threads, removes flakes from internal and external cut threads.
- **Precision Parts:** ATL fixtures can eliminate part to part contact.
- **Diecast:** an ATL 250 ID x 300 (~ 10"x12") chamber can bulk deflash/deburr over 13,000lbs. in 8-hours.
- **Manifolds:** how many parts do you hand deburr in an hour? ATL machines process in 50 to 60 second intervals and depending on part size, can process multiple parts simultaneously.
- **Oxides:** ATL double-shot process for steel and iron makes removing oxide by-products fast and economical.
- **Fuel:** replace inaccurate and maintenance-prone conventional gas cylinder charging system with direct metering and injection system developed by ATL with computer-controlled monitoring.
- **Bar Code:** scan part numbers for perfect process settings each time.
- **Automation Ready:** Profi-Net connectivity.

Jayco/ATL equipment may be a viable part finishing upgrade or option. Standard **ATL** machine output capacity is three times greater than our competitors' standard machine; seal life is 1-year vs semi-monthly, and mixing valve maintenance is 20k cycles instead of 3-5k. Please **review my email or forward it** to the appropriate associate and if I may be of service, my contact information is below.

Represented by:

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