

# Trim Thermal Degreaser

Technical Bulletin



**Eliminates the  
need for  
aqueous washers!**

## Trim Thermal Degreaser

### Standard Features of the Expanded Metal Trim Thermal Degreaser – Gas Fired

- Eliminates the need for costly aqueous washers
- Heavy industrial construction
- Wire weave high carbon belt
- One (1) access door and one (1) access plug on roof
- Prewired Nema-12 control panel—remote mounting available
- Optional: PLC control with Ethernet, CE certification

International Thermal Systems has 40 years of experience in the battery industry. The leader in innovative design, ITS offers the Trim Thermal Degreaser, a piece of equipment that will eliminate your need for costly aqueous washers.

The Expanded Metal Trim Thermal Degreaser is designed to evaporate cutting oils from the excess trim generated during the battery grid expanding process.

Our in-house engineering staff is ready to assist you with your projects. International Thermal Systems has a solution to meet the challenges that you face in the lead acid battery manufacturing industry. Our equipment is manufactured in all of our worldwide facilities.

# Trim Thermal Degreaser



Specification	Trim Thermal Degreaser
Conveyor Speed	6 FPM (1.83m per minute) FIXED
Conveyor	30" (762mm) wide chain on edge balanced weave mesh high carbon steel belt
Motors	Recirculation blower, conveyor drive, exhaust blower
Exhaust/Ventilation	400 CFM (11 cubic meters/minute) customer to provide ducting to bag house or roof
Heating Equipment	Natural gas - gross heat input of 50,000 to 500,000 BTU/hr. with modulating gas control
Electrical Service	220 - 600 volts, 3 phase, 50-60 Hz
Gas Utility Requirements	Natural Gas: 1,000 SCFH @ 1-5 PSI/1,000 BTU/CU FT
Norm Operating Temp	600°F (315.6°)
Load Height	36" (914.4mm)
Oven Walls	Oven walls, floor and roof fabricated with low conductivity tongue and groove assemblies
Oven Access Doors	one (1) hinged access door

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