Burn-Off Oven SYSTEMS.com

2026 / PRODUCT + SERVICE CATALOGUE

THERMAL CLEANING OVENS BUILT FOR PLASTICS TOOLING

Burn-off oven systems and contract cleaning
for injection molding and extrusion operations.



ESC SERIES / EB SERIES / EIG SERIES

CONTRACT TOOL CLEANING

One cleaning challenge. More ways to solve it.

Polymer buildup is part of production. Choosing how to remove it should start with your tooling, cleaning demand and maintenance priorities.



01 / FOCUSED SCREW CLEANING

ESC Series

03

For recurring injection molding and extrusion screw loads.



02 / COMPACT TOOL-ROOM VERSATILITY

EB Series

04

For smaller components and changing maintenance loads.



03 / LARGER INDUSTRIAL APPLICATIONS

EIG Series

05

For substantial tooling and heavier production loads.

Prefer to outsource?

06

Contract tool cleaning provides access to thermal cleaning without purchasing and operating your own oven.

FEATURED MODEL / ESC-15

Screw cleaning. On your schedule.



ESC SERIES

PURPOSE-BUILT FOR SCREW MAINTENANCE

Bring recurring polymer removal from compatible injection molding and extrusion screws into your own facility.

Focused application

A dedicated option for smaller screw loads and frequent maintenance cycles.

Controlled heat

The burner flame remains outside the load area while organic residue decomposes.

Ready for the next step

After cooldown, remove remaining ash using an approved finishing method.

APPLICATIONS

Injection molding screws
Extrusion screws
Related compatible metal screw components

Review screw length, diameter, weight and residue volume alongside cleaning frequency and loading access.

FEATURED MODEL / EB-13

Small tooling. Everyday versatility.



EB SERIES

COMPACT, GENERAL-PURPOSE CLEANING

Give your tool room a dedicated process for smaller heat-compatible components and mixed maintenance loads.

Flexible loads

Group suitable fixtures, plates and reusable tooling into scheduled cleaning work.

Less intensive scraping

Controlled heat breaks down polymer and other combustible organic deposits.

Inspection access

Complete ash removal after cooldown to expose surfaces for inspection.

APPLICATIONS

Nozzle parts and small hot runner components
Breaker plates, screen packs and small dies
Molding hardware and maintenance fixtures

Review assembled tools individually. Seals, sensors, wiring and other heat-sensitive parts may require removal.

FEATURED MODEL / EIG-52

Industrial tooling. Room to think bigger.



EIG SERIES

HEAVY-DUTY THERMAL CLEANING

Bring larger tooling and substantial recurring cleaning loads in-house with a configuration selected around your operation.

Substantial applications

A series positioned for larger components and heavier industrial loads.

Broader residue removal

Process suitable polymer, resin, paint, coating and other organic deposits.

Application-led cycles

Cycle duration depends on the actual load, residue and required cooldown.

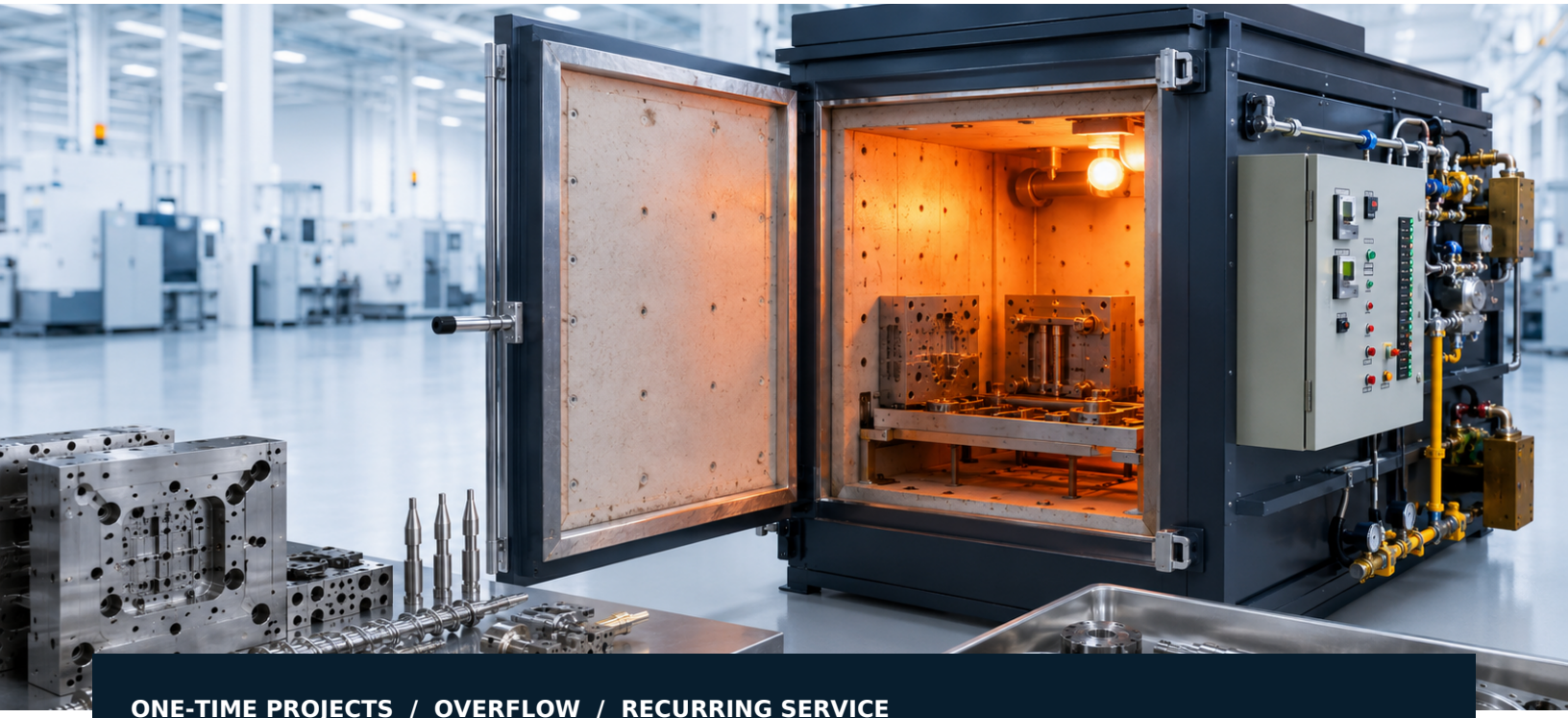
APPLICATIONS

Hot halves, molds and tooling plates
Compatible blown-film dies and spin packs
Coating fixtures and industrial racks

Confirm chamber dimensions, weight limits, organic loading and handling needs. Assembled tooling requires compatibility review.

Your tooling.
Our cleaning systems.

Access thermal cleaning without the equipment purchase.



ONE-TIME PROJECTS / OVERFLOW / RECURRING SERVICE

Send eligible polymer-coated tooling for application-reviewed cleaning. We coordinate intake, scheduling and return guidance around the scope of your project.

Screws / Dies / Manifolds / Nozzle components / Flow-path tooling

01

Review

Share tooling details, residue and photos.

02

Quote

Confirm suitability, preparation and schedule.

03

Clean

Process approved components under controlled conditions.

04

Return

Coordinate shipment and repeat-service needs.

Explore contract cleaning >

Start with the work.

Use the application as your starting point, then confirm the configuration with a system specialist.

SOLUTION	PRIMARY FIT	CONSIDER WHEN...
ESC / ESC-15	Screw-focused loads	Screw cleaning is a recurring maintenance priority.
EB / EB-13	Smaller, mixed tooling	Your tool room handles a changing mix of compact parts.
EIG / EIG-52	Larger industrial loads	Component size, mass and handling drive the selection.
Contract cleaning	Off-site processing	You need cleaning capacity without buying an oven.

CONFIRM THE COMPLETE LOAD

Measure the largest component and the full batch. Discuss total weight, residue, cleaning frequency, utilities, exhaust routing and available loading access.

Specify with confidence.

Ask for confirmed chamber dimensions, rated capacity, installation requirements and pricing for the proposed configuration.

Find your next cleaning solution.

Tell us what you clean. We’ll help you compare an in-house system with contract cleaning.

START WITH THESE DETAILS

Tooling	Type, dimensions, approximate weight and quantity
Residue	Polymer or deposit type, buildup and current photos
Timing	Cleaning frequency and preferred turnaround

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Application review comes first. Tool construction, coatings and temperature limits determine suitability. Heat-sensitive components may need removal before processing.

EXPLORE PRODUCT & SERVICE DETAILS

ESC Series > **EB Series >** **EIG Series >** **Contract cleaning >**

Product information and imagery: BurnOffOvenSystems.com, September 2026. Images are illustrative; supplied configuration and specifications are confirmed by quotation.