

# Mini Jet Cleaner

Remove Polymers  
and Compounds from  
Small Metallic Parts:

Specifically designed to remove  
all types of thermoplastic and  
many thermoset compounds  
from small metallic parts in a  
safe, efficient manner.



## Benefits

- Capable of removing most polymeric materials
- Fast cleaning cycle
- Simple operation
- Reliable and maintenance-free operation
- Gentle cleaning extends part life
- Operator safety
- Energy-saving operation
- Labor saving

FEP - OPTIONAL UNIT AVAILABLE

## Safety

Since cleaning takes place under vacuum, combustion does not occur. This feature provides a high degree of operator safety and the parts are equally protected from excessive or localized high temperatures, insuring freedom from annealing and stress cracking.

## Environment

Using no media, the Mini Jet cleans in a reduced oxygen environment where combustion cannot occur. Environmental emissions are extremely low, and for most applications, additional pollution control devices are not required.

## The Mini jet is the smallest unit in the Xaloy Jet Cleaner Product Line.

It utilizes heat and vacuum to effect vaporization. In most cases, complete thermoplastic removal is accomplished within 90-120 minutes at an operating temperature range between 800°F and 900°F and a vacuum of twenty-five (25) inches of mercury. The unit is a free standing console model and can easily be installed in any area having available facilities of water supply, drain line and electrical power.

## Operation

### Operation is completely automatic.

The operator places the hardware into the chamber, sets the cleaning cycle, and walks away. At the end of the cleaning cycle, the Mini Jet automatically depressurizes

the chamber, closes the water solenoid valve, and shuts off the vacuum pump. The operator now simply removes the cleaned part, checks and cleans the traps if necessary, and the unit is ready for another cycle.

[www.xaloy.com](http://www.xaloy.com)

### EXTRUSION

1291 19th Street Lane NW  
Hickory, NC 28601  
Tel: 828-326-9888  
Toll-free: 800-457-7550  
Fax: 828-326-8882

### INJECTION

102 Xaloy Way  
Pulaski, VA 24301  
Tel: 540-980-7560  
Toll-free: 800-816-7711  
Fax: 540-980-5670

### EUROPE

Xaloy GMBH  
Wannenäckerstrasse 24  
74078 Heilbronn  
Germany  
Tel: 49-7131-20360-0  
Fax: 49-7131-20360-29

### ASIA

Xaloy (Asia) Thailand, Ltd.  
700/446 Moo7 Amatanakorn Ind. Estate  
T.Don Hua Roh, A.Muang, Chonburi  
Chonburi 20000  
Tel: +66 (38) 717 084  
Fax: +66 (38) 454 377

### JAPAN

Xaloy Japan Ltd.  
74-1 Yamashita-cho, Naka-Ku  
Yokohama, 231-0023  
Tel: +81-45-661-3508  
Fax: +81-45-661-3507

**XALOY**

every pellet knows our name™

# Mini Jet Cleaner

## Specifications



Basic Unit Size	41" high x 29" deep x 36" wide (1025mm x 725mm x 900mm)
Maximum Unit Size	63" high x 30" deep x 38" wide (1600mm x 750mm x 950mm)
Unit Weight	440 pounds NET (198.00kg NET)
Chamber Working Dimensions	9 1/2" x 12" deep (241mm x 317mm)
Electrics	Standard 460 VAC
Controls	1,5 kW Standard
Electric Motor	1 1/2HP, 1800 rpm, 60 cycles
Electric Heater	6 KW
Water Vacuum Pump	2 G.P.M. Water (7.6 liters/minute water)
Water Drain	2" Tubing (51mm)
Vent Exhaust	2" Tubing (51mm)

The Mini Jet Cleaner is a top loading design, supplied with all components prewired, and plumbed ready for customer's utility connections. It consists of the following:

### Heating Chamber:

- Internal and externally insulated
- Heating element with thermocouple
- Hinged cover with high temperature seal
- Parts basket
- Polymer collection cone

**Swing Open Heat Shield** enclosing heat chamber cover provides operator protection.

**Water Ring Vacuum Pump** with integral open drip proof motor.

**Primary Trap** located in the heating chamber. Collects any melted resin. Includes removable stainless steel collection pan.

**Secondary Trap** located in the vacuum line, collects condensable vapors within a stainless steel collection pan by means of a watermist scrubber.

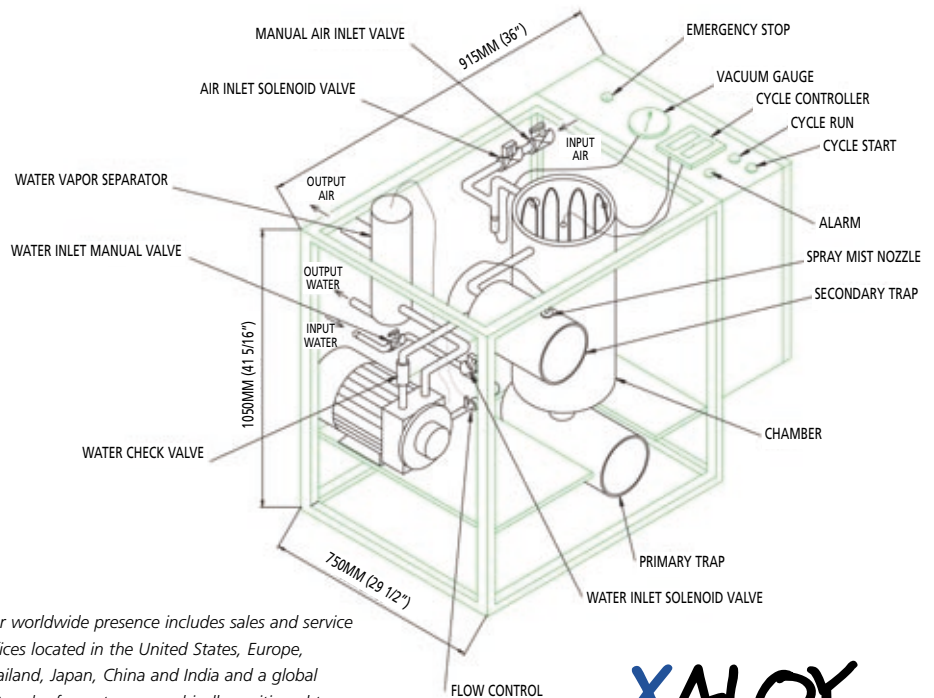
**Water Vapor Separator** positioned in the vacuum pump exhaust line. It directs the water to drain and vapors to atmosphere.

NOTE: All dimensions and data are approximate. Inquire about other Jet Cleaners for large metal parts and extruder screws.

**Electrical Console** - prewired NEMA-12 enclosure, containing:

- Temperature Controller
- Cycle Timer and Cycle Control Switches
- Vacuum Gauge
- Other necessary control elements

**Other** - unit plumbed with water and vent solenoid valves and necessary regulating valves.



*Our worldwide presence includes sales and service offices located in the United States, Europe, Thailand, Japan, China and India and a global network of agents geographically positioned to serve customers throughout the world.*

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