

REMET provides C-Frame and 4-Post, wax and ceramic, injection machines to meet the demands of the modern Investment Casting Industry.

Each machine is designed for ease of use and maintenance. Simple modular design is coupled with a PLC based, electro/hydraulic package loaded with benefits to fit specific investment casting applications.

REMET offers an innovative and unique injection system design that optimizes space and wax movement. Temperature control of the wax conditioner, injection chamber and nozzle are standard on every machine. The "In-Line" injection system provides for a smooth, straight line, laminar flow of wax from the injection system to the mold.

Standard injection and machine controls provide for precise, repeatable injections for manual and semi-automatic pattern production.

The upper level, Electronic Injection Control (EIC) system is ideally suited for more complicated applications where precise control of wax pressure and velocity, coupled with closed loop feedback is critical. EIC controls feature direct input of all parameters through a color, touch screen HMI.

Whether the C-frame or 4-Post, these machines provided by REMET offer the following standard features:

- Auto purge of wax after each cycle.
- Auto wax change between cycles.
- 4 zones of temperature control.
- T-slots on bottom & moving platen.
- Low oil level alarm/shutdown.
- High tempertaure alarm/shutdown.
- Ultra quiet pumping system.
- Panels around machine.
- Independent platen cooling.
- All functions on easy-to-use interface.
- No pressure operator buttons.
- Built to NFPA, ANSI & OSHA safety standards.
- Full, one year warranty on materials and workmanship.

Please contact your REMET representative for more information and a quotation.



WAX INJECTION MACHINE REQUEST FOR QUOTE

COMPANY NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

PHONE _____

FAX _____

CONTACT _____

E-MAIL _____

Type of Products Cast

Commercial Aerospace Medical Golf

Industrial Gas Turbine Other _____

Number of Jobs Run per Month _____

Machine Type Preferred

Four Post C-Frame

Press Size Needed _____

Maximum Die Size to be Run on Machine _____

Maximum Pattern Weight Injected on Machine _____

Type of Wax to be Injected

Soluble Filled Non-Filled Extruded

Other _____

Forms of Wax to be Used

Pastille Slab Flake Billet

Injected Parts Do Do Not **Have Cores in Them**

Type of Cores (if applicable) Ceramic Soluble

Unique or Special Requirements of Wax Patterns or Completed Parts _____

Current Defects to be Eliminated _____

Wax Injection Machine Item Number

<input type="checkbox"/> 15 Ton Four Post Wax Injector	CTM 15-WI
<input type="checkbox"/> 25 Ton Four Post Wax Injector	CTM 25-WI
<input type="checkbox"/> 50 Ton Four Post Wax Injector	CTM 50-WI
<input type="checkbox"/> 100 Ton Four Post Wax Injector	CTM 100-WI
<input type="checkbox"/> 15 Ton C-Frame Wax Injector	CTM 15C-WI
<input type="checkbox"/> 25 Ton C-Frame Wax Injector	CTM 25C-WI
<input type="checkbox"/> 50 Ton C-Frame Wax Injector	CTM 50C-WI
<input type="checkbox"/> 100 Ton C-Frame Wax Injector	CTM 100C-WI

Available Options

Injection Control Systems

Electronic Injection Control Color HMI with PLC control of pressure and flow. EIC provide dynamic control of almost all machine functions.

Paste Wax Maker

15 gallon/Two Zone PWM-15 30 gallon/Two Zone PWM-30

Dual Injection Tanks

15 gallon DIT-15 30 gallon DIT-30

Wax Melters

15 pounds per hour WM-15 30 pounds per hour WM-30
 60 pounds per hour WM-60

Wax Pastille Transfer System

Pastille Vacuum Unit WPTS

Platen Temperature Control

Cooling Only—Controls & Valves Uses Plant Water System
 Heating and Cooling—On-Board System Uses plant water for make-up water and cooling PTC-H&C

Multiple Axis Nozzle

Electro/Hydraulic X-Y-Z Movement MAN

Shuttle Table

25 Ton ST-25 50 Ton ST-50 100 Ton ST-100

Bottom Injection

Bottom Platen Centerline Injection Nozzle BI

Pattern Ejection System

Hydraulic, Actuated and Timed Ejection PE

Auto Die Clamp System

Fast Change Electro/Hydraulic System DCS

Special Electrics

Other than 460V 3Ph 60Hz SE

CE Safety Systems

Built to current CE Standards and supplied with Certificate of Conformity and Risk Assessment



Utica, NY USA
Tel: 800.445.2424
Fax: 315.797.4848
Email: sales@remet.com

Rochester, Kent UK
Tel: +44 1634 22 62 40
Fax: +44 1634 22 62 41
Email: sales@remet.com

www.remet.com