

Casting Solutions

The equipment you need for consistent, dense castings



Galloni Pressure-Over-Vacuum Casting Machines

Looking for faster, more intuitive, high-quality castings? We are proud to partner with Galloni, the leading manufacturer of casting equipment and supplies to help your business grow and become more efficient. We offer the best in pressure over vacuum casting machines to furnaces, to mixers to the latest technology delivering unmatched consistency in everyday castings.

Galloni G Series

2650831

G1 Ultimate

[Call for Pricing](#)

2650833

G3 Ultimate

[Call for Pricing](#)

The Galloni “G” series of casting machines are the most technically advanced induction heated, pressure-over-vacuum machines in the world. Fully computerized, all the operator needs to do is change the crucible, set the flask in position, press the button and get the quality castings you need in a matter of time!



| Specs | G1 Ultimate | G3 Ultimate |
|------------------------|--|--|
| Power | 7.5kW | 10kW |
| Max. Crucible Capacity | 1600g 18K Au, 1400g Ag | 2200g 18K Au, 2000g Ag |
| Max. Flask Size | 6" dia. x 10" | 6" dia. x 12"H |
| Max. Temperature | 2,552°F (1,400°C) | 2,552°F (1,400°C) |
| Air Requirement | 8 bar/90 PSI | 8 bar/90 PSI |
| Water Requirement* | 6 liters/minute | 6 liters/minute |
| Vacuum Requirement | 40m ³ /hr. | 40m ³ /hr. |
| Electrical** | 230/400/415 50/60 Hz, 3 Phase | 230/400/415 50/60 Hz, 3 Phase |
| Inert Gas Requirement | Nitrogen, Argon, or Helium | Nitrogen, Argon, or Helium |
| Dimensions (W x D x H) | 33.5" x 27.6" x 47.3" (85 x 70 x 120cm) | 33.5" x 27.6" x 47.3" (85 x 70 x 120cm) |
| Net Weight | 230 kg (507 lbs) | 240 kg (530 lbs) |

*Pipe directly to cold water line or use a recirculating pump with a tank or chiller. *

**Other electrical configurations available, call for details.

Galloni Pressure-Over-Vacuum Casting Machines

Galloni Pressovac

2650969

Pressovac Max

[Call for Pricing](#)

2650925

Touch with Dual Pyrometer

[Call for Pricing](#)

Pressovac is the perfect induction caster to keep up with production as your business grows delivering dense castings without brittleness, cracking, or subsurface porosity.

Includes one Crucible Kit.

One-year warranty. Made in Italy



| Specs | Galloni Touch with Dual Pyrometer | Galloni Pressovac Max |
|------------------------|--|---|
| Power | 3.5kW | 7.5kW |
| Max. Crucible Capacity | 110g Pt, 250g 18K Au, 220g Ag, 100g Pd, 90g Steel | 350g Pt, 700g 18K Au, 500g Ag, 400g Pd, 450g Steel |
| Max. Flask Size | 3.5" dia. x 3.5"H | 4" dia. x 6"H |
| Max. Temperature | 3,902°F (2,100°C) | 3,812°F (2,100°C) |
| Air Requirement | 90-120 PSI | 100-120 PSI |
| Water Requirement* | 3 liters/minute @ 45-60 PSI | 3 liters/minute @ 45 PSI |
| Vacuum Requirement | 7 CFM (11.9m3/hr) | 7 CFM (11.9m3/hr) |
| Electrical** | 230V, 50/60Hz, 1 Phase | 230/400/415V, 50/60Hz, 3 Phase |
| Inert Gas Requirement | Nitrogen, Argon, or Helium | Nitrogen, Argon, or Helium |
| Dimensions | 23.6"W x 19.7"D x 18.9"H (599.45mm x 500mm x 480mm) | 26.8"W x 19.7"D x 47.2"H (680.75mm x 500mm x 1199mm) |
| Net Weight | 199 lbs./90kg | 353 lbs./160kg |

Crucible Kits

Pressovac Touch with Dual Pyrometer

2650834

Gold (Au) Kit

[See price here](#)

2650838

Platinum (Pt) Kit

[See price here](#)

2650839

Steel Kit

[See price here](#)

Includes:

- Melting coil
- Crucible plate
- Ceramic crucible
- Cover for the crucible*
- Spare thermocouple type "K"



Pressovac Max

2650957

Gold (Au) Kit

[See price here](#)

2650958

Platinum (Pt) Kit

[See price here](#)

2650959

Steel Kit

[See price here](#)

Includes:

- Lid cover for crucible
- Melting coil
- Crucible holding plate complete with crucible lid cover holder mechanism
- Graphite thermocouple sheath*
- Spare thermocouple type "K"
- Graphite crucible cemented with its container for gold and silver*
- Ceramic crucible**



*Gold Kit only

**Platinum and Steel/Palladium Kits only

Casting Add-Ons

Water Jet Cabinet



Blast away investment from your casting trees quickly and efficiently with a robust 2 HP thermally protected direct drive electric motor and a 1500 PSI Comet Triplex Pump. One-year warranty. Made in USA.

| Specs | Water Jet Cabinet | Optional Stand |
|-------------------------------|---|--|
| Item # | 8540068 | 8540067 |
| Dimensions (W x D x H) | Outside: 24" x 22" x 27" (610 x 559 x 656mm) Inside: 23" x 11" x 18" (584 x 280 x 457mm) | 25" x 23" x 36" (635 x 584 x 914mm) |
| | See price here | See price here |

St. Louis Table-Top Investment Mixers

Mix and pour your investment efficiently in these robust, easy-to-use St. Louis mixers. One-year manufacturer's warranty on the machine, 6 months on the electrical components. 220V, 1 Ph, 50/60Hz. Made in Italy.



| Specs | Mini Mix PT 2651830 | 92-4 2651831 | 82-6 2651832 |
|--|---|---|--|
| Max. Inv. Capacity | 1kg | 4kg | 6kg |
| Flask(s) | 1 | 1 | Multiple |
| Flask/Plate Diameter | 100mm (3.94") | 150mm (5.90") | 280mm (11.25") |
| Flask Max Height | 120mm (4.72") | 200mm (7.87") | 200mm (7.87") |
| Recommended Vac. Pump: Gesswein Item # | 3/7CFM 265-1754/265-2406 | 3/7CFM 265-1754/265-2406 | 10-15CFM 265-2386 |
| Pump (m3): | 6/10 | 6/10 | 18 |
| Dimensions | 30 x 35 x 72cm (11.8" x 13.8" x 28.3") | 30 x 35 x 95cm (11.8" x 13.8" x 37.5") | 49 x 42 x 105cm (19.3" x 16.5" x 41.3") |
| Weight | 17kg (37.5 lbs.) | 22kg (48.5 lbs.) | 44kg (97 lbs.) |
| Shipping Weight | 20kg (44.1 lbs.) | 24kg (53 lbs.) | 61kg (135 lbs.) |
| | See price here | See price here | See price here |

Investment



R&R® Ultra-Vest® (44 LB)

2604800

2604803

Ultra-Vest®

Ultra-Vest® BANDUST™

[See price here](#)

[See price here](#)

An excellent investment for gold, silver, and other alloys cast at 2,200° F and below. Ultra-Vest® BANDUST™ features a revolutionary additive that reduces up to 99% of respirable dust.



R&R® Ultra-Vest® MAXX™ (44 LB)

2604806

2604809

Ultra-Vest® MAXX™

Ultra-Vest® MAXX™ BANDUST™

[See price here](#)

[See price here](#)

Your ultimate investment for achieving maximum thermal stability for metals with high melting points, flask temperatures, burnout temperatures, and casting temperatures. Ultra-Vest® MAXX™ BANDUST™ features a revolutionary additive that reduces up to 99% of respirable dust.



R&R® Plasticast® (44 LB)

2604812

2604815

Plasticast®

Plasticast® BANDUST™

[See price here](#)

[See price here](#)

R&R Plasticast® has been specially designed for investing and burnout of plastic and wax/plastic pattern materials. Plasticast® BANDUST™ features a revolutionary additive that reduces up to 99% of respirable dust.



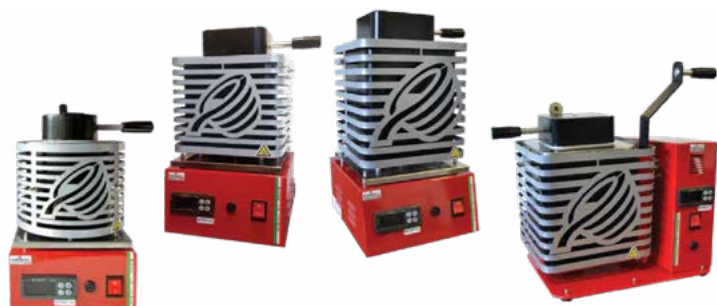
2604305

Clean-Cast Investment Remover

[See price here](#)

An environmentally friendly, mildly acidic cleaner designed for investment removal. Use at room temperature or heat to 160°F for accelerated results. Sold in 1 gallon bottles. Made in the USA.

Furnaces



Electric Melter Furnaces

These easy-to-operate Electric Melter Furnaces feature solid steel construction for a long life of heavy use. Ideal for melting precious metals, such as gold and silver, as well as other base metals. Max temperature: 1120°C (2048°F). Made in Italy.

| Model | Outer Dimensions (W x D x H) | Electrical | |
|------------------------------|---|---------------------|--------------------------------|
| 0.5kg 2651600 | 7" x 7" x 11.5" (18 x 18 x 29cm) | 110V/50/60Hz, 650W | See price here |
| 1kg 2651602 | 8.5" x 9" x 13.75" (21.5 x 23 x 35cm) | 110V/50/60Hz, 850W | See price here |
| 3kg 2651604 | 8.5" x 9" x 15.5" (21.5 x 23 x 39cm) | 110V/50/60Hz, 1700W | See price here |
| 3kg w/Tilt 2651606 | 11" x 13.75" x 15.75" (28 x 35 x 40cm) | 110V/50/60Hz, 1700W | See price here |



Paragon® Programmable Burnout Furnaces

These furnaces feature tough stainless steel cabinets and firebrick chambers. The included controller has 3 preset programs and allows you to customize up to 20 more. Made in USA.

| Model | Electrical | Outer Dimensions (W x D x H) | Chamber Dimensions (W x D x H) | |
|------------------------|--------------------|------------------------------|--------------------------------|--------------------------------|
| #913 2651470 | 220V, 13A, 50/60Hz | 18" x 21.5" x 21.5" | 13" x 13" x 9" | See price here |
| #914 2651431 | 220V, 17A, 50/60Hz | 19" x 22" x 27" | 14" x 14" x 14" | See price here |
| #918 2651436 | 220V, 25A, 50/60Hz | 24" x 27" x 31" | 18" x 18" x 18" | See price here |

