Cast

Compact Centrifugal Casting Machine

Cast is an award winning centrifugal casting machine designed to make casting more efficient and versatile.

The small unit is made for flame melting to cast silver, gold, platinum and all other metals suitable for casting under atmospheric conditions.

Up to 14 ounces of gold can be cast in one cycle within its compact frame, which measures just 6.6” in diameter and 10” in height.

In contrast to conventional centrifugal devices, the mold of the device does not rotate at the end of a revolving arm but around its own axis. The patterns are sprued radially to a wax disk to achieve the most effective fill of the mold during casting, which cuts metal waste by about 50 percent over traditional casting tree methods.

The machine is available as a desktop and recessed version to match available workshop space.

Specifications (US)

<table>
<thead>
<tr>
<th>Voltage</th>
<th>115 V / 60 Hz</th>
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</thead>
<tbody>
<tr>
<td>Power consumption</td>
<td>20 W</td>
</tr>
<tr>
<td>Height/diameter</td>
<td>270/170 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>8.5 kg</td>
</tr>
<tr>
<td>Speed</td>
<td>1,100 rpm</td>
</tr>
<tr>
<td>max. quantity</td>
<td>450 g (18kt YG)</td>
</tr>
</tbody>
</table>

Sample set up

with Cast you’ve got the right tool for any challenge.

The size

...smaller than you might imagine.

The capabilities

... more than you will believe.

AJM

Innovation award 2005

by Ti-Research
Starting with the master model . . .

After curing . . .

. . . a silicon model is made.

After devesting and cleaning . . .

the mold is cut in halves.

Appropriate equipment . . .

the perfect result.

Investing and burn out as usual . . .

the finished pattern may be sprued alone or together with other parts for casting.

Conventional wax patterns, state of the art 3D printed parts or natural objects, Cast provides all the benefits and convenience you need:

- no hassle with shipping of patterns
- no expensive consignments of valuables
- no delays with casting jobs
- full flexibility with customer preferences
- casting of one of a kind designs
- casting on demand, even same day
- full control of expenses
- your design from the idea to the finished piece under your roof

Cast – more freedom of design and workflow in less time from the idea to the finished product.

Cast provides:

- versatility in use of metals from silver, gold, stainless steel and even platinum
- better results by centrifugal force unrivaled by vacuum only
- higher level of protection from operational hazards by fully closed cabinet
- robust quality by all stainless steel design Made in Germany

Take advantage of your in house casting. Treat yourself to something valuable in your workshop and order your Cast today.

Brilliant! I take this opportunity and order:

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<table>
<thead>
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<th>Qty</th>
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<th>Item Description</th>
<th>Price</th>
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<tr>
<td>1010-00</td>
<td>Cast/T</td>
<td>table top centrifugal casting device</td>
<td>US$ 2,895.00</td>
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<tr>
<td>1020-00</td>
<td>Cast</td>
<td>recessed centrifugal casting device</td>
<td>US$ 3,095.00</td>
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*Prices quoted are exclusive of ancillary costs and statutory rates of VAT

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