

SOLUTION BROCHURE



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SUPERB ELECTROMACHINERY CO., LIMITED

-Jewelry Casting Line-



1 3D Printer
-P62-



2 Wax Injector
-P95-



3 Wax Setting Machine
-P50-



4 Vacuum Investment
Mixer -P32-



5 Wax Burnout oven
-P34-



6 Vacuum Casting Machine
-P31-

Introduction

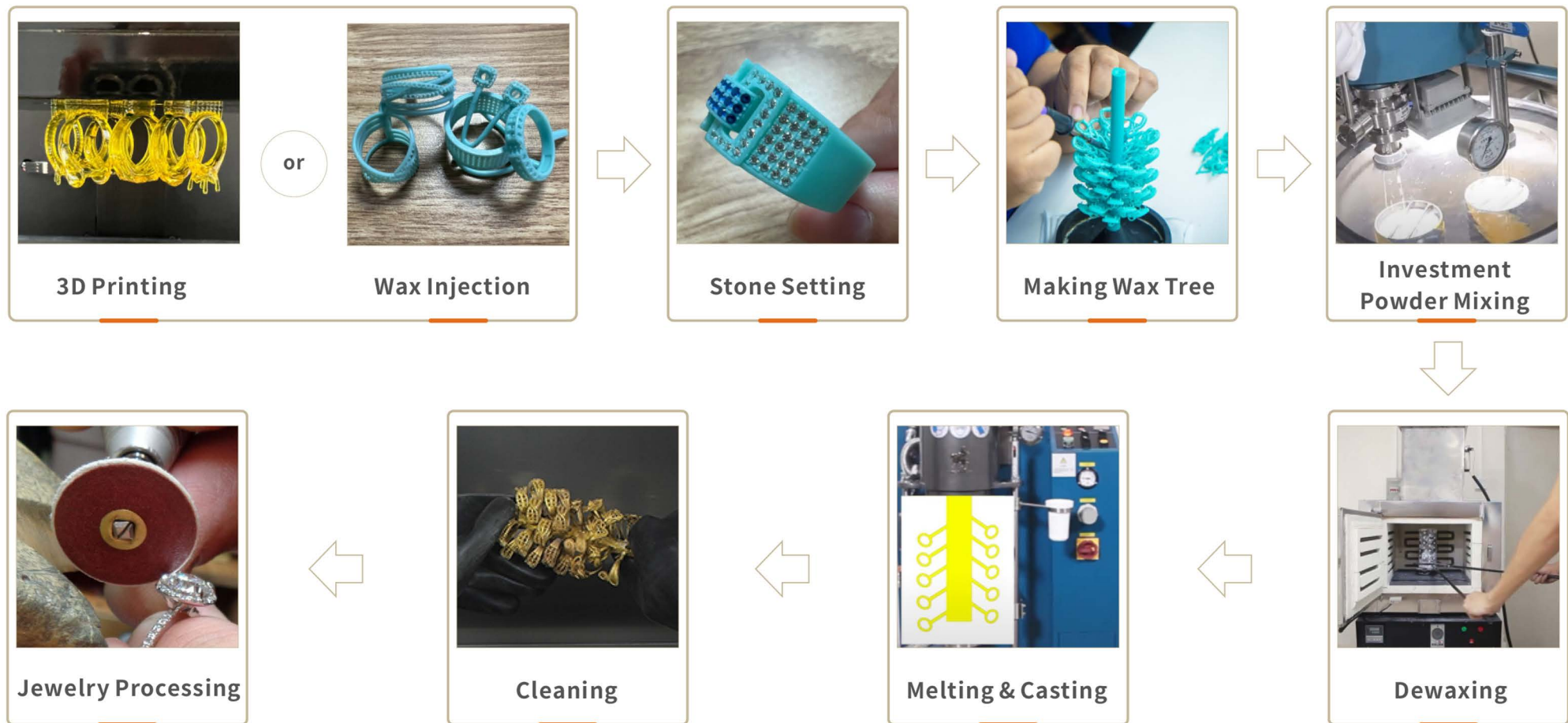
SuperbMelt jewelry casting production line adopts the method of lost wax casting to produce jewelry such as gold, silver, copper through vacuum technology.

The production line is form by wax mold making, jewelry stone setting, wax tree forming, investment, wax burnout, casting, washing.

The vacuum technology used in the casting process help to remove any air bubbles, so the results is in a denser and higher-quality effect.



Manufacturing Process



-Bullion Casting Line-



① Vacuum Metal Granulator
-P43-



② Gold Bar Casting Machine
-P40-



③ 20Ton Hydraulic Press
-P74-

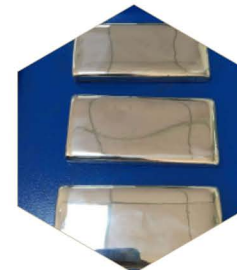


④ Dot Peen Marking Machine
-P92-

Introduction

SuperbMelt ingot production line adopts vacuum technology to produce high-quality gold and silver ingots.

Compared with the traditional ingot casting method, our production line is more mature and high-end, which can ensure the high precision of the finished product to meet the requirements of refineries and precious metal bullion sales.

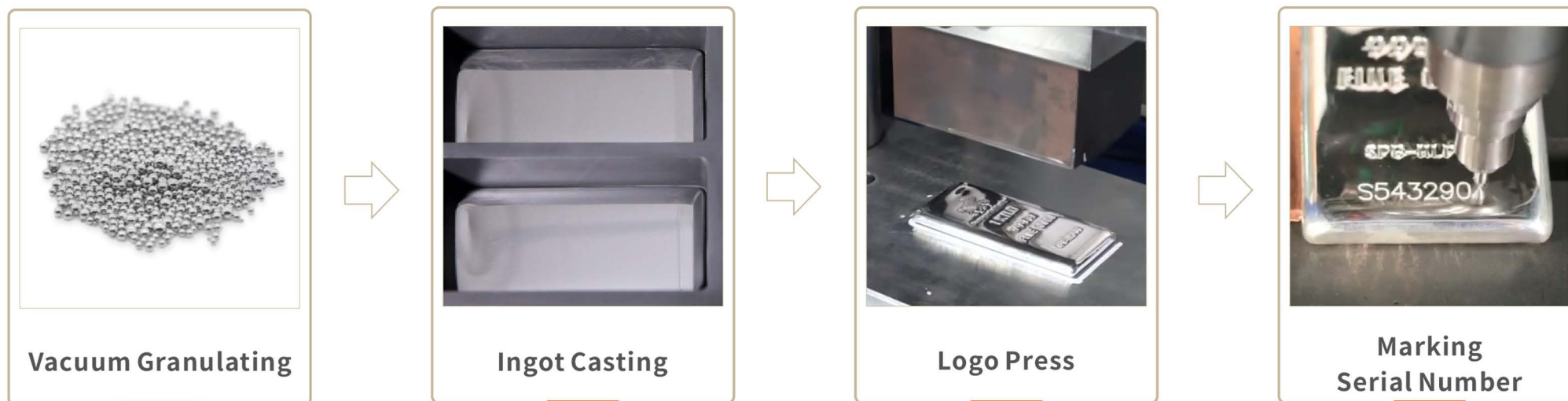


Manufacturing Process

Description

The casting of vacuum gold bar is usually done in a refinery because they usually need to produce gold bullion with very good surface quality and very bright. The gold is placed in a granulator, through which it is made into small granules for weighing. Place the gold granules in the bar mold, and finally place the mold in the vacuum bar casting machine.

Under the protection of vacuum and inert gas, it can avoid gold oxidation, shrinkage, and water ripples on the surface. After casting, place the gold nugget under the logo stamping machine to press out the required patterns and text. Then use dot peen marking machine to number the gold bars.



-Hollow Bangle Making Line-



① Continuous Casting Machine
-P45-



② Sheet Rolling Mill
-P70-



③ Sheet Splitting Machine
-P88-



④ Hollow Tube Welding Machine
-P83-



⑤ Tube Drawing Machine
-P81-



⑥ Coiling Machine
-P82-



⑦ Circle Cutting Machine



⑧ Bangle Sharpening Machine
-P87-

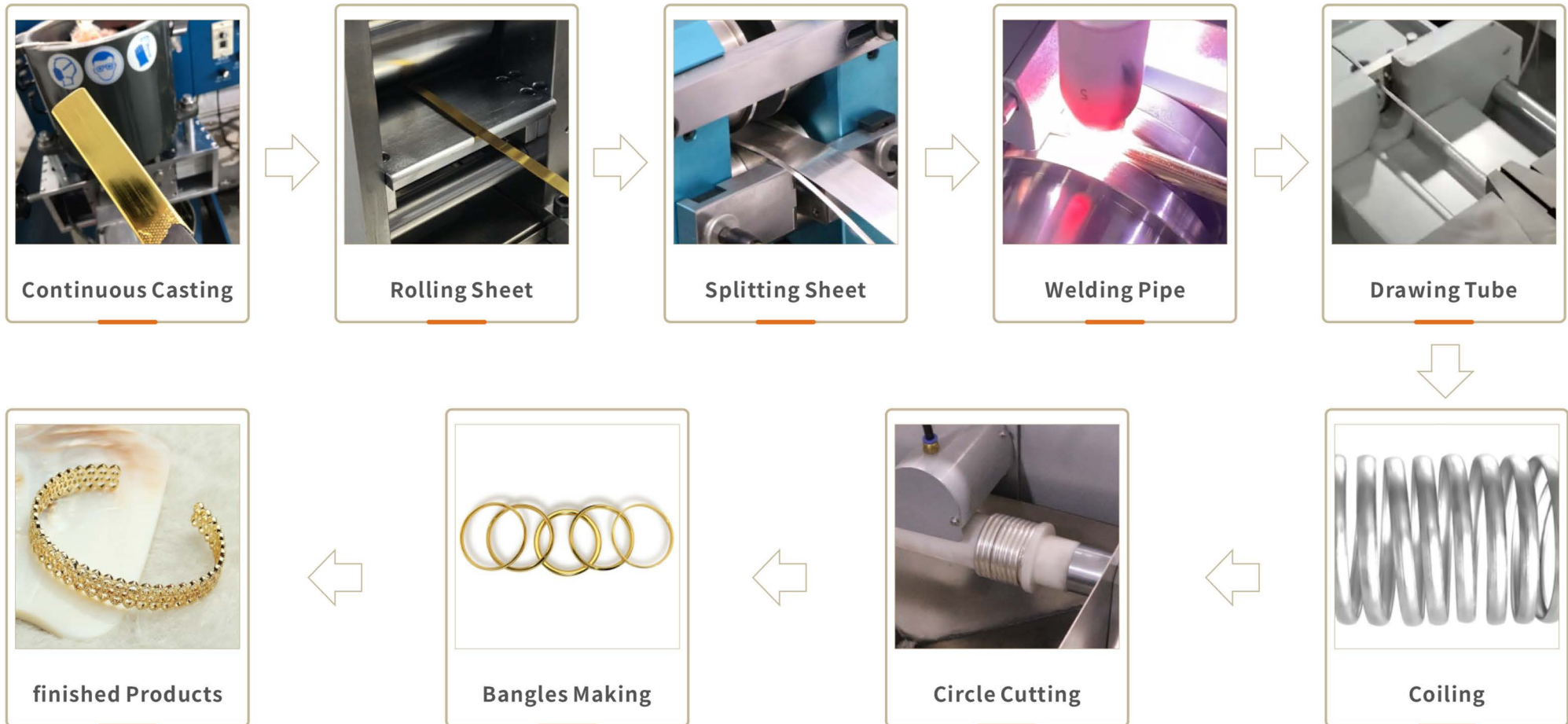


⑨ CNC Bangle Faceting Machine

Introduction

SuperbMelt bangles production line can provide one-stop solution machine equipment for various metal like gold silver and copper hollow bracelets, engraved bracelets, round and flat bracelets, etc.

Manufacturing Process



-Hollow Beads Making Line-



Introduction

SuperbMelt hollow beads making solution is use for jewelry gold silver copper and other metal beads manufacturing.

It is so powerful that it can make 2mm to 14 mm beads, abacus balls, special-shaped balls, olive balls, and more. All our machines ensure you have speed, efficiency and accuracy when producing hollow balls.



① Rolling Mill
-P70-



② Splitting Machine
-P88-



③ Hollow Tube
Making Machine-P83-



④ Tube Drawing Machine
-P81-



⑤ Beads Hammer Machine
-P84-



⑥ Hollow Ball
Splitting Machine-P85-

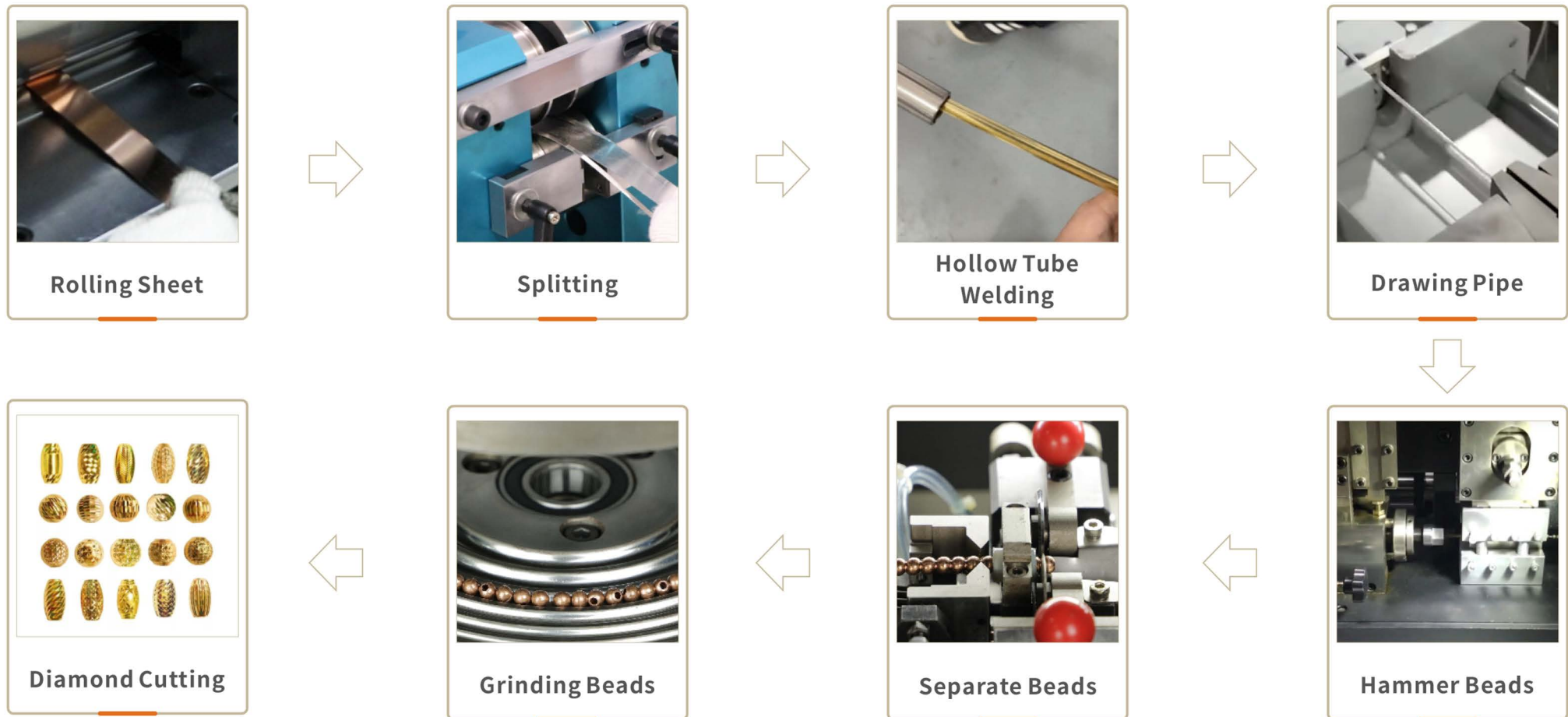


⑦ Ball Grinding Machine
-P85-



⑧ Beads Diamond Cutting Machine
-P86-

Manufacturing Process



-Chain Making Line -



1 Continuous Casting Machine
-P43-



2 Wire Rolling Mill
-P68-



3 Wire Drawing Machine
-P80-



4 Annealing Furnace
-P90-



5 Chain Weaving Machine
-P72-



6 Chain hammering machine
-P73-



7 Chain Diamond
Cutting Machine -P73-



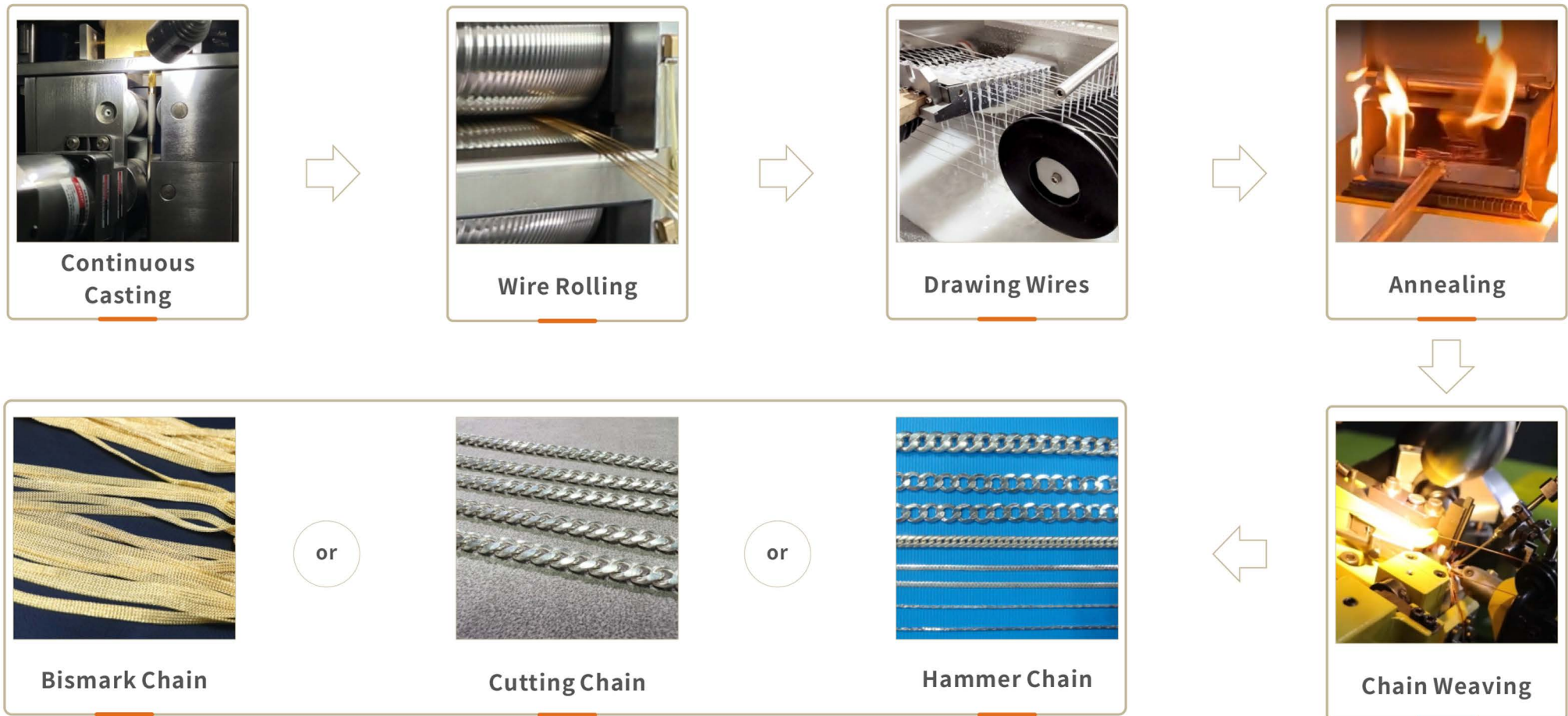
8 Chain bismark machine
-P73-

Introduction

As a professional precious metal jewelry chain production solution provider, SuperbMelt has more than 10 years of experience.

The types of jewelry chains we can make include trace chain, belcher chain, curb chain, hayseed chain, snake chain, bead chain, rope chain, Figaro chain, etc.

Manufacturing Process



-Minting Line -



① Continuous Casting Machine
-P45-



② Rolling Mill
-P69-



③ 20Ton Hydraulic Press
-P74-



④ Coin Rimming Machine
-P93-



⑤ Annealing Furnace
-P89-



⑥ Polishing Machine



⑦ Automatic Coin Press Machine
-P78-



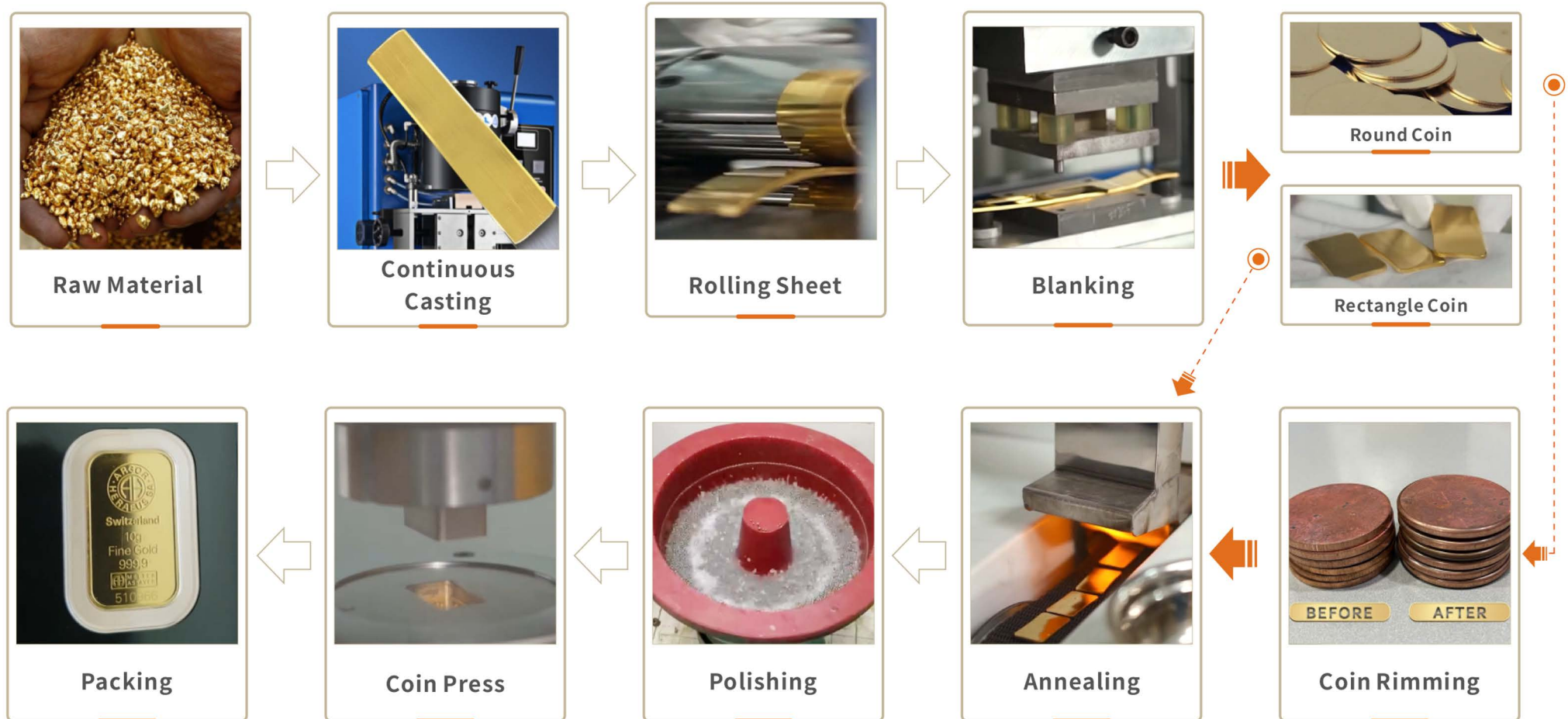
⑧ Gold Coin
Packing Machine-P99-

Introduction

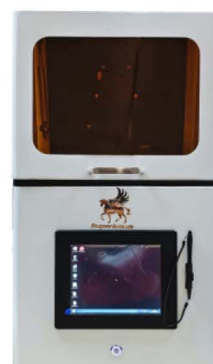
As a professional precious metal coin minting solution provider, SuperbMelt has built several coins making lines around the world.

The coin weight ranges from 0.6g to 1kg gold with round, square, and octagon shapes. Other metals are also available like silver and copper.

Manufacturing Process



-Platinum Casting Line -



1 3D Printing Machine
-P62-



2 Wax Injector



3 Vacuum
Investment Mixer-P37-



4 Wax Burnout oven
-P37-



5 Mini Vacuum
Jewelry Casting Machine-P36-



6 Centrifugal Casting Machine
-P38-

Introduction

SuperbMelt platinum casting solution is specially designed for customers who require high quality platinum jewelry, like rings, bracelet and pendants.

Vacuum casting technology with quartz and built-in furnace. It is capable of heating up to a maximum temperature of 2600°C. Making this product suitable for casting hard metals such as gold, platinum, palladium and silver.

Manufacturing Process

