



Jewelry Chain Making Line Solution Supplier

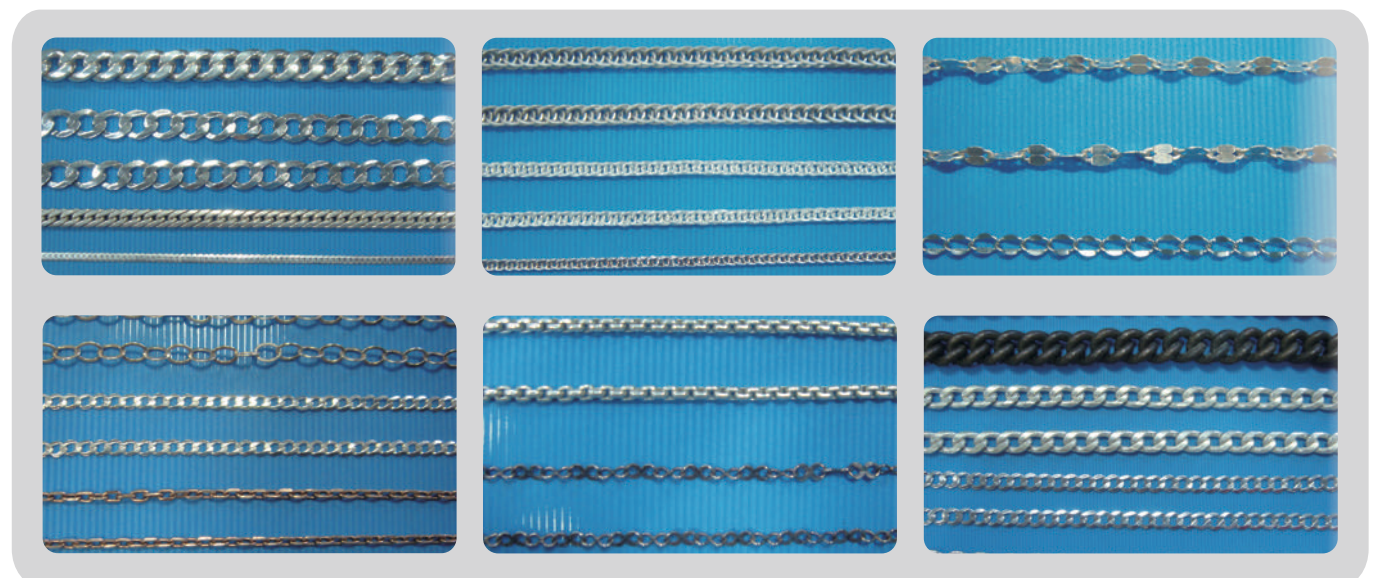
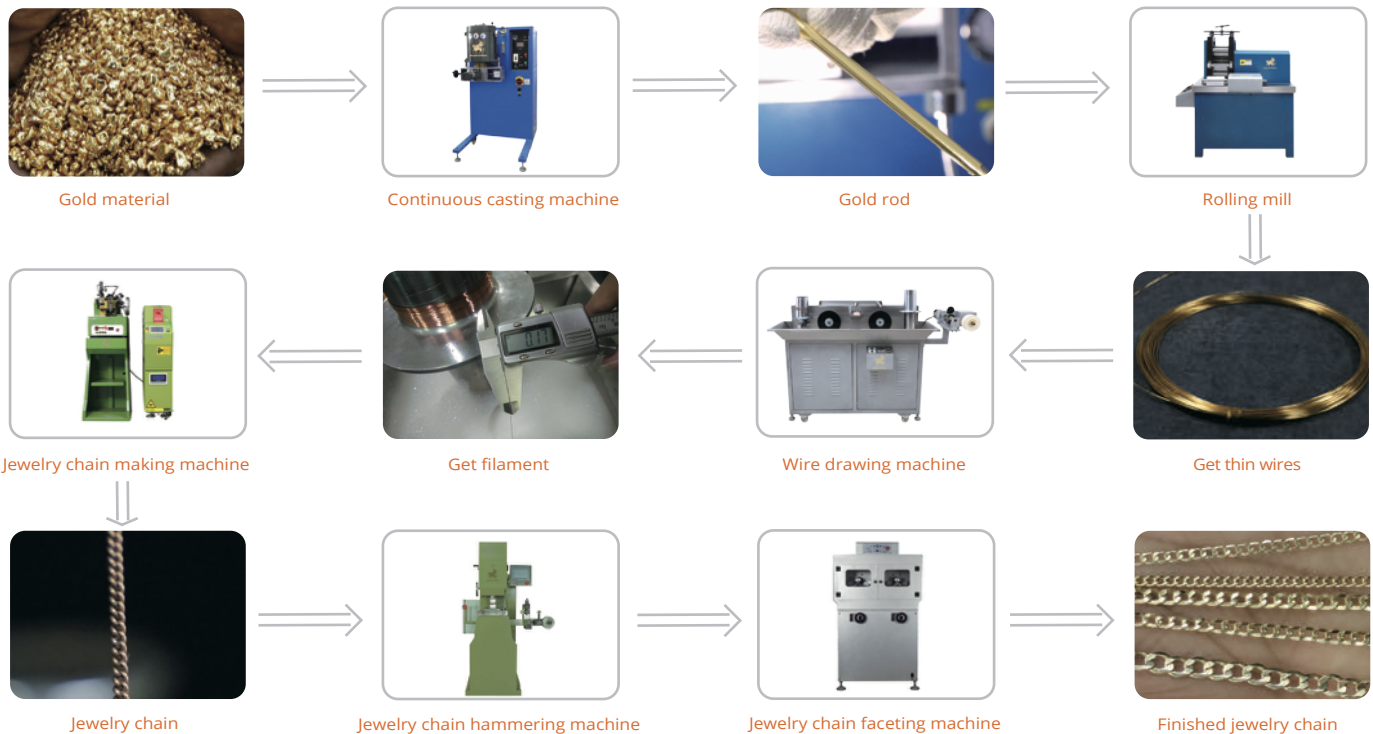


One-stop Jewelry Chain Making Line Solution Supplier

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.

Superbmelt provides you with a one-stop solution for gold jewelry chain manufacturing lines. Including on-site guidance, jewelry chain production equipment, and engineers to help you expand throughout the process. Our engineers have participated in the research of various styles of jewelry chains and have served as technical consultants for major jewellery chain manufacturers.

Process



◉ Step 1: Make gold/silver/copper rod

By continuous casting machine

The continuous casting machine manufactured by Superbmelt has excellent features of high efficiency, low wastage of precious metals, flexible operation. The ease of use comes from the automatic control of the casting parameters that is able to produce different sizes of metal rod within a short time. This process is done with inert gas protection of the crucible and die system. The finished metal rod is usually a high density, bright surface and non-oxidized surface without porosity.



◉ Step 2: Roll the metal rod into small square wire

By rolling machine

The rod is processed through the jewelry rolling mill to convert the rod into small square wires. SuperbMelt jewelry rolling mill can effectively roll various precious metals faster and accurately. Roll different precious metals without excessive flash and losses; fast, highly accurate, and automatic fuel filling.



◉ Step 3: Drawing the fine thin wire

By wire drawing machine

Wire drawing machine can convert the thick wire into thin wire through the drawing process. The obtained wire with reduced diameter can now be used to make jewelry chains. Wire drawing machine draws the thick wire into the accurate thin wire through several drawing dies. The wire diameter, roundness, internal microstructure, surface roughness, and straightening degree achieve the required standards for raw materials production/processing.



● Step 4: Annealing the wire

By annealing furnace

Annealing furnace is used to complete the annealing process of gold wires which can make the wires soft for drawing and weaving. It could prevent precious metal from oxidation under the gas protection. It will be proceeded before wire rolling, drawing and chain making process. The soft wires could make sure the process smoothly with less metal loss and better chain surface.



● Step 5: Making jewelry chain

By jewelry chain making machine

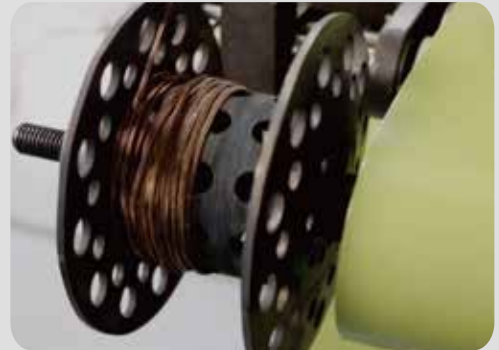
Now, it's time to use chain making machines to weave the thin wires into chains. Various chain making machines can be used to create a box chain, rope chain, snake chain, and more such complex-structured jewelry chain. Besides, you can also make a double curb chain, disco chain, and anchor chain by modifying the machine parts. During the chain making process, the metal wire is spiraled before being sectioned. One machine can produce a variety of different styles with different diameter by changing the dies. The machine is fully automatic and can produce 100 percent accurate results. This can easily handle copper, silver, and other soft metals. If you are looking for an advanced chain making machine, SuperbMelt will be one of your best partners.



Step 6: Hammer the jewelry chain

By jewelry hammering machine

Use jewelry chain hammer machine machine, and you can easily give your jewelry chain the coveted shapes and plan. This is an optional step, where a jewelry hammering machine is used to binding the parts and give the chain a perfect shape. The machine can automatically hammer the chain based on the configuration.



Step 7: Faceting jewelry chain surface

By chain faceting machine

To bring extra shininess, you can facet the chain surface, and for this, you can use a jewelry faceting machine. Using this, you can polish facets onto a particular mineral specimen. We could get many kinds of shiny fashionable chains after auto-faceting process.

Compared to the traditional jewelry chain making process, the modern chain making process is relatively easy and can be done within a few hours.





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