Production introduction of welding wire project

1 Welding wire production process: composed of main equipment, auxiliary equipment and energy supply equipment.

1、 Main equipment:

（1）、 It consists of wire drawing, copper plating and winding.

（2）、 Wire drawing is to draw the purchased raw materials from the wire diameter of 5.5 or 6.5 mm to the required wire diameter specification. Copper plating is to coat the surface of the drawn wire with copper layer, and winding is to package the finished products from the large spool to the small size package required by the market.

2、 The auxiliary equipment includes spools, pointing machine, butt welding machine, packing machine, and laboratory instruments.

3、 Welding wire energy supply is provided by customers, including power supply, water source, compressed air source, boiler and pipeline heat source.

4、 Welding wire production accessories: including wire drawing die, chemical raw materials and plastic plate, heat shrinkable film and carton, etc.

Main production equipment and process flow (the production process of gas shielded welding wire)

1. The rough drawing process removes the rust layer on the surface of the 5.5mm raw material through the pretreatment line and draws it to 2.1-2.35mm.

2.The fine drawing is 2.35mm to 0.8mm-1.6mm

3.Copper plating (Options)

3.1Fine wire drawing with online copper plating

3.2 Multi wire copper plating line

4.Layer winding machine

Drawing

Copper plating

Layer winding

Layer of heat shrinkable film, used for dustproof and waterproof. And then manually packing.