

STANDARD FOR JUDGING THE QUALITY OF TRACK CHAIN

How much do you know about track chain?

1. Material: 35MnB

The price of the same raw material will vary a lot, which is closely related to the origin of raw materials. Our company uses Jiangyin Xingcheng Special Steel at 6300 yuan / ton, while ordinary 35 manganese boron is only 4830 yuan / ton. (this is the price in April this year)

2. Whether the hot die forging press equipment is used for production.

The size of products produced by hot die forging press equipment is stable. This equipment generally companies can not afford, most other companies using friction press and air hammer equipment, our company has 2500T and 1600T two hot die forging production line.



3. It is very important to realize the full parametric control of the process and whether the medium frequency furnace is used to heat the bar.

If the bar is overburned, it will lead to coarse crystals and destroy the internal structure of the steel, which may be broken when used. Medium-frequency furnaces are not cheap, and many companies can not control the heating temperature stably by heating with coal furnaces.



4. Whether the mesh belt furnace automatic equipment of mesh belt furnace is adopted.

The internal structure of the product tempered by mesh belt furnace is even, the quality of batch production is stable, and the problem of hardness is avoided. This equipment needs more than one million RMB, which is the standard for judging the strength of the company.

5. Quenching of link surface is the most important working procedure of track chain, which directly affects the service life.

If the track chain is too soft, it will be worn off by the idler; if it is too hard, it will break or fall off one by one.

Judgment Criteria:

(1) Depth of hardened layer. (2) Hardening hardness: the hardness decreases layer by layer, with detailed test report. (3) Whether the company's inspection equipment is capable of metallographic analysis and composition analysis of products is one of the indicators to measure the company's technical level. Now our company is applying for provincial inspection unit.

6. Whether the track chain piece has been inspected for defects.

Inspection can see some manufacturing defects, there are fine lines of the track chain directly affect the life, we do each piece of track chain for inspection.



7. Whether the disc-shaped spring gasket is used for press fitting, and the material is 65Mn spring steel.

Many companies use TPU plastic instead of cutting corners.

8. Whether the company adopts ERP whole process management.

ERP records every step from raw materials to finished products. The advantage is that if there is a quality problem, it is easy to consult, thus improving production efficiency and after-sales service efficiency.

Science and technology determine the quality and manage the performance; Yantai Orient has unique advanced production equipment and scientific quality control means, which is the reason why we can get the trust of customers.

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