ZEGOTA

5G Mobile Phone Frame

High Precision, High Strength & Customized

5G Mobile Phone Frame

5G mobile phone is a smartphone using the fifth generation communication system. 5G network can successfully achieve 1Gbps in the 28 GHz band. In order to achieve good communication effect and reduce the shielding and interference of the metal mobile phone shell to the signal, the mobile phone frame needs to be light and thin. At the same time, it also needs some strength to support the mobile phone components, especially the keys and slots. Reserved, lightweight aluminum alloy and stainless steel is an ideal choice. For consumers, they are more looking forward to the visual feast brought by "no border design" and the yearning for a free and boundless state of breaking through the framework, no border and no restraint. The advent of the era of "borderless design" is precisely based on the visual and aesthetic needs, which is worth looking forward to. Compared with the mobile phone frame produced by the traditional mechanical processing method, it not only increases the processing procedure, but also increases the processing cost, and causes the waste of resources. The mobile phone frame produced by the precision cold rolling method has the characteristics of high production efficiency, high surface quality, good product consistency and low comprehensive cost. It is a replacement and cost-reducing scheme of the traditional mechanical processing method.

Raw material		Stainless steel and Aluminum alloy
Rolling Speed		Max. 300 m/min
Size	Width	3,0 to 10,0 mm
	Thickness	0.5 to 3,0 mm
	Precision	+/－0,005 mm

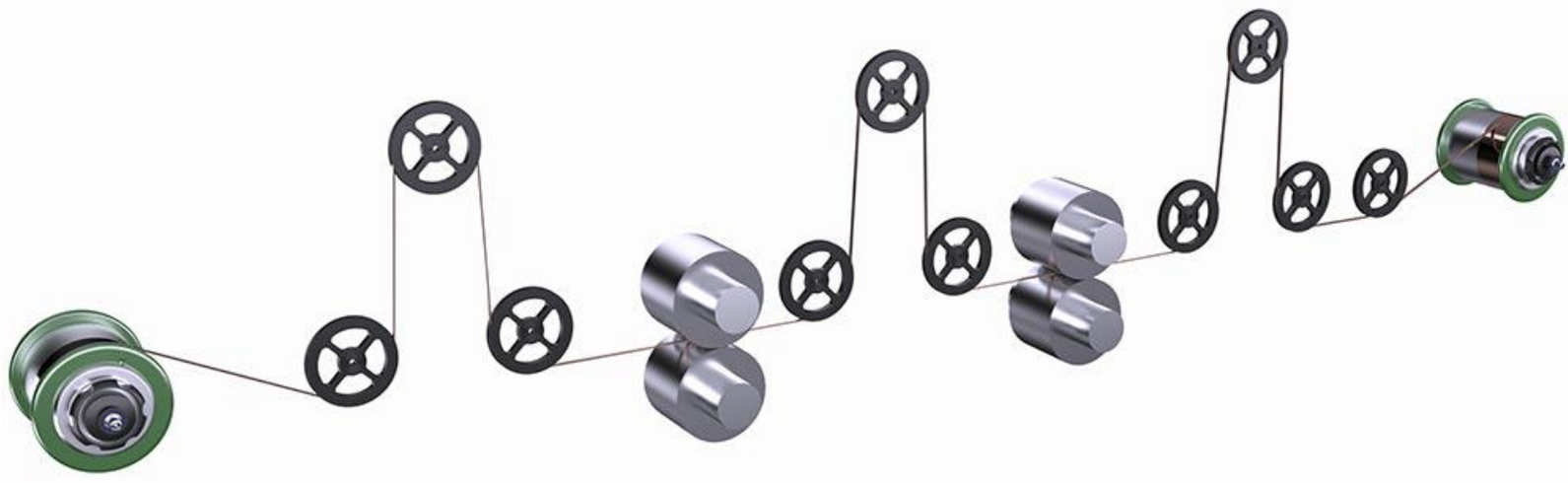
Dedicated to Wire Precision Tehnology & Precision Wire Products.

5G Mobile Phone Frame

Our advantages

- Section shape can be customized according to customer needs.
- Complex cross section shape instead of traditional material removal processing method.
- Simple and efficient processing technology and process.
- Reduce material consumption and improve production efficiency.
- Reduce production costs and improve material strength.
- It can achieve high accuracy of shape and dimension (±0.005mm).
- The surface of metal material is smooth, clean and bright.
- The packaging method is flexible, firm and reduces damage.

Typical Rolling Process



Take off → Trac-tion → Straigh tener → 1st Rolling → Ten-sion → Int. Rolling → Ten-sion → Refine -ment → Ten-sion → Take-up

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