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Brand-new Family Member – Horizontal CNC Centre

The traditional processing center is mostly vertical machining. The size of the worktable is within 2 meters. It is limited by the height of the column and the tool changing device. It can not process too high parts. In the processing cavity or the concave surface, the chip is not easy to discharge. When it is serious, it will damage the tool, destroy the machined surface and affect the smooth process.



Victor Aluminum has invested in the new 4.5 m -6 m compound machining center to solve the problem of long material cavity machining, so as to lengthen the clamping of the workpiece and make the chip easier to discharge.

The features of the compound machining center

1. A one-stop automatic CNC center enabling one-stop milling, drilling, tapping, and chamfering to fulfil metal fabrication of various lengths
2. Devised with automatic scrap-remover
3. Using BT30 spindle taper drill for speedy performance
4. Using fixed guide-rail for elevated precision and stability
5. Using gang tool operated tool magazine better suited for horizontal operation
6. Operated in shielded-booth for the safety of the operator and the sanitation of the work environment.



Design of Victor Aluminum Stamping Progressive Die

VICTOR ALUMINUM has built a new large-scale stamping workshop, and has introduced advanced stamping equipment to provide aluminum alloy and stainless steel stamping products to customers. The company uses multi-stations precision progressive die to process the thinner and higher-precision punched parts in large-volume stamping production.

1) High Stamping Production Efficiency

Precision progressive die can complete the punching, flanging, bending, deep drawing and three-dimensional forming of complex parts.

2) Safe and Simple Operation

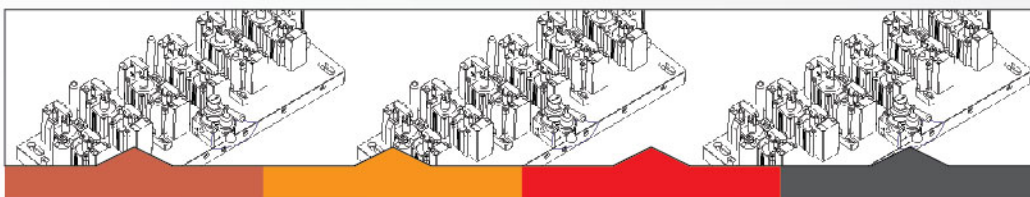
Precision progressive die stamping uses automatic feeding mechanism with safety check instruments inside the molds

3) long Service life.

The complex internal and external shape can be decomposed into simple punch and die shapes. The segments are punched one by one and the process can be spread over several stations.

4) High Product Quality

The precision progressive die completes the entire forming process of the product in one mold, which overcomes the operational inconvenience and cumulative errors that result from multiple positioning with simple molds.



New High-gloss Chamfer Device - New Carving Machine

VICTOR ALUMINUM has rich experience in surface treatment and sound aluminum alloy industry chain supporting resources. The company invested more high-precision CNC equipment, and introduced the brand new carving machine in high-angle chamfer.

The new carving machine has the following features:

1.High-precision machining enables aesthetic high-angle chamfer

- 1) The chamfer has defined surface and smooth flow of appearance.
- 2) In-machine measure chamfer processing technology.

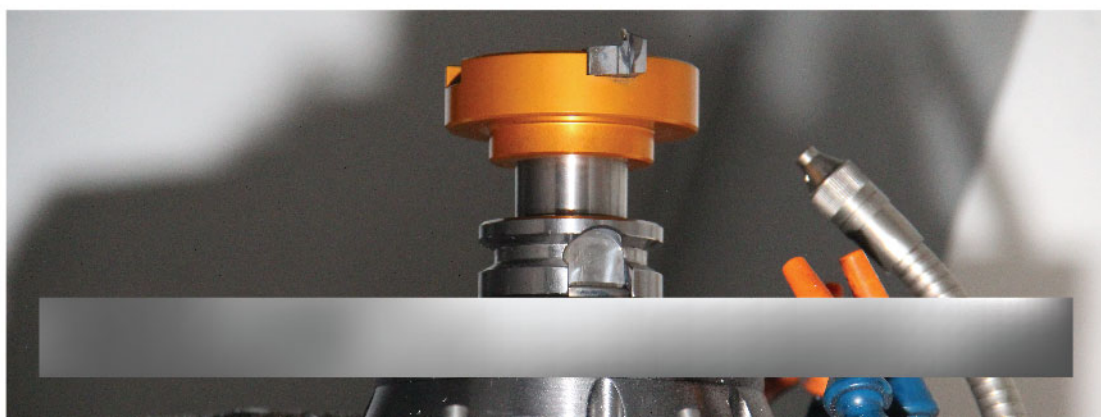
2.Excellent high-precision machining ability fulfills customized appearance effect

- 1) Drilling and grooving of fine tools guarantees products high precision request.
- 2) Processing with forming tools and face milling cutter makes the outline smooth without chatter marks.

3.Multi-axis machining improves work efficiency

- 1) Reduces clamping times so as to improves the productivity and yield rate.
- 2) Improves products FPY and eliminates the problem of frequent circulation between multiple clips.

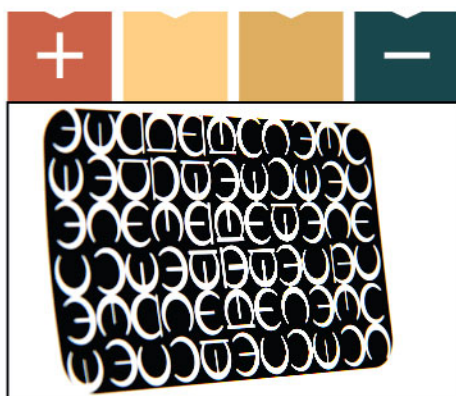
VICTOR ALUMINUM has always focused on the precision machining and high-end surface treatment of 3C metal products. The company has higher requirements for product appearance quality and processing dimensional accuracy, and continues to provide high quality and perfect products to the customers.



Stainless Steel Etching Knowledge

The chemical etching process has the characteristics of high efficiency and high precision, and is widely used in precision and electronic parts processing and other fields. The stainless steel materials is commonly used in the application of etching.

In the production of stainless steel, attention should be paid to the side etching problem. When the etching is performed to a certain depth, the etching solution is also etched on both sides besides the vertical direction, which results in distorted products and the extremely poor size.



(Etched field diagram)

Side etching is the main problem in etching. In the production of VICTOR ALUMINUM chemical etching, the reduction of side etching is a primary goal:

1. Using high efficiency etching solution.
2. Controlling the etching temperature.
3. Controlling the etching time strictly.
4. Using better spraying method.
5. Adding polymeric film-forming substance as the protective agent.

VICTOR ALUMINUM now can provide customers with stainless steel and aluminum alloy etching production. The company has put into use the new etching production line to meet customer products demand, and to provide them with more etching art products.

(Stainless Steel Etching)

COMPANY PROFILE

Our company was founded in year 2000. Being a company specialized in sophisticated alloyed aluminum fabrication and high-end surface treatment, JM Victor is not only refined with hands-on experiences through years of accumulation through the sector chain of precision manufacture, but also with unparalleled wealth of knowledge enriched from company operation and management process, which enables the company to offer solutions in overcoming design and production bottlenecks in high-end aluminum fabrication.

In Jiangmen High-Tech Industrial Park, we have invested in construction of our new cyber-physical powered Smart Plant embracing the core Industry 4.0 design concept. The new plant, residing on an area of 100,000 square metres, comprising a global lab of aluminum-magnesium surface treatment and a smart CNC fab centre with its own casting house and stamping workshop, will add on a new chapter of consummate expertise to the venture of JM Victor.

Our Mission Statement

We stand by our commitment to share the harvest and happiness with our staff and workers, create value for our customers and cultivate a company culture with a vision. This is the foundation for the sustainability and continuity of our company and our business.



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