



Painting on a New Stage



Victor's Vacuum Cleaner  
– Cleaning Blind Spots



Surface Treatment on Mini-Line



A Quick 4-Step Helping Pick  
Your Supplier of Superior Machining Capability

## ▲ Painting on a New Stage

### – Fully Automated PC Line Officially in Commission

Victor is taking the initiatives in implementing innovative measures and continuous improvement by putting up a brand-new painting line.

#### **Improved Efficiency:**

This line takes up space of **1500** sq.m, deployed with fully automated line capable of handling 600 hanging racks. It can handle parts of up to **120cm** long by **30cm** wide. The expected daily production capacity reaches over **20,000 pieces**.

#### **Optimization at its best:**

The application of electro-static rotary cup is based on the law of physics that opposite charges attract – when the rotary cup rotates at high-speed, the coating gets centrifugally atomized into negatively charged particles that are readily attracted to the positively charged product surface. The rotary cup enables higher coating efficiency, improves coating evenness, reduces paint scrap, and suppresses coating volatility.

#### **Greener:**

Our coating has been switched over to the water-miscible type of substrate, which is new in the market and considered eco-friendlier. This type of paint uses water instead of inorganic as diluent agent. Compared to conventional oil paint, the water-miscible type is given credit for its lower toxicity, lower volatility, better solubility, and limits to flam.



## Victor's Vacuum Cleaner – Cleaning Blind Spots

For aluminum parts of intricate structure and with invisible deep-inset pores, if during surface treatment process, grease and acid solutions cannot be completely rinsed, product surface and performance will be greatly compromised.

When cleaned conventionally, parts of intricate structure or with invisible pores may trap air, which blocks areas of surface to be reached by the detergent thus creates cleaning “blind spots”.

To attack these blind spots, Victor has introduced a number of SmartFlex Vacuum Cleaner.

The SmartFlex Vacuum Cleaner is designed based on the law of physics that liquids transform in vacuum condition. The energy, released by liquids under ultrasonic effect and the explosion of thousands of high-pressure vacuum bubbles, generates waves pounding the surface of the targeted product and easily peeling off the cutting lubricant, grease and chips on the surface and in the crevices.



## ▲ Surface Treatment on **Mini-Line**

As a company devoted to high-end alum-mag surface treatment, Victor participated in the founding of Guangdong Metal Material (VICTOR) Engineering and Technology Research Centre in 2015. Besides the two existing anodizing lines on which the Centre can perform researches and lab-tests, we have also set aside a Mini-Line for R&D. This new line is now fully operative.

Our new Mini-Line features world leading equipment for surface treatment, The line is capable of concurrently developing 10 different types of finishing treatment including **common anodizing, iridescent anodizing, hard anodizing, MAO, multi-shade anodizing, mirror-effect buff anodizing, electrolyte, ED, acid etch, and exposure & development**, the Line is also used to explore new recipes of finishing treatment to assist R&D by the State-level inspection center.

The commission of our Mini-Line helps cutting down lead time in R&D on surface treatment for new products while in turn offering technical backup for the subsequent mass production.



## ▲ A Quick 4-Step Helping Pick Your Supplier of Superior Machining Capability



It has always been a challenge for a manufacturer to pin down the right machining partner from a mixed pool of suppliers. Through years of experience, we have come up with a 4-step process that may help you quickly glean through the crop and find the one that's right for you.

### 1. The Right People for the Right Job

The right workers can get their hands on quickly and understand the product better, which enhances the workplace efficiency.

In Victor's workshops, workers with 3-5 year experience and machining background trained at the local trade and polytechnic institutes, are among the 80% majority of our workforce.

### 2. The SOP

The Standardized Operating Process (SOP) is foundation for product quality.

At Victor, each product is test run by a designated team in order to draft up a specialized SOP chart and an operation guideline for on-site workers in order to guarantee quality consistency.

### 3. Up-to-Date Production Equipment

Production equipment is not only the essential element of manufacturing practice, but also a representation of the marketing competitiveness for a manufacturer.

At Victor, we have 200 CNC centers in commission including name-brands like Brother, Funac, Mazak. These centers are equipped with top-of-the-line devices such as automatic probes and quad-axes.

### 4. The continual Pursuit of Quality Management

The selection of machining partner requires no less attention to standardized quality management.

Victor mandates the highest quality management standards from procurement of source material, inspection on sourced material, on-site inspection, to the testing on finished products. We are ISO 9001 certified and comply to TS16949 Quality Management System.

## 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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