



Joint-Lab by the Strong Union Victor & Clariant



Anodic Iridescence A New Technique at Victor



**Aqua-Spider
- the Material Handler supporting Lean Manufacturing**



Our Brand-New UV Coating Line

Joint-Lab by the Strong Union Victor & Clariant

In Feb 2017, Guangdong Victor and Clariant Chemicals reached initial strategic partnership agreement to cofound a joint alum-mag surface treatment research laboratory. Acting as a third-party, the Joint-Lab will serve as a customer product development centre and a surface treatment R&D centre. Led by customer needs and moving market trend, the Joint-Lab will develop customer and market-oriented surface technology, support and promote research and expertise on surface treatment, especially in the area of advanced aluminum anodic oxidation.

By fully utilizing Victor's comprehensive anodizing line operation and Clariant's technical expertise, through partnership and innovation, the Joint-Lab aims at R&D advances on Alum-Mag surface treatment, especially the anodic oxidation. We are confident that this joint effort will spearhead the industry drive and offer innovative and high-tech products to continuously meeting the demands from customers.



Guangdong Victor Aluminum Co.,Ltd was founded in 2000 and is specialized in aluminum precision fabrication and high-end surface treatment. It offers a full suite of production and assembly engaging casting, stamping, machining, and surface treatment under one roof, and has established amicable partnership with multiple world leading companies specialized in acoustic products and consumer electronics. It is accredited "the State High and New Tech Company".

Clariant is a world leading special-chemical corporation which comprises over 100 group-companies across five continents with 23,000 employees and annual revenue over 6.9 billion in US dollars. Its business encompasses pigment additives, masterbatch, and applied chemical products.

Anodic Iridescence

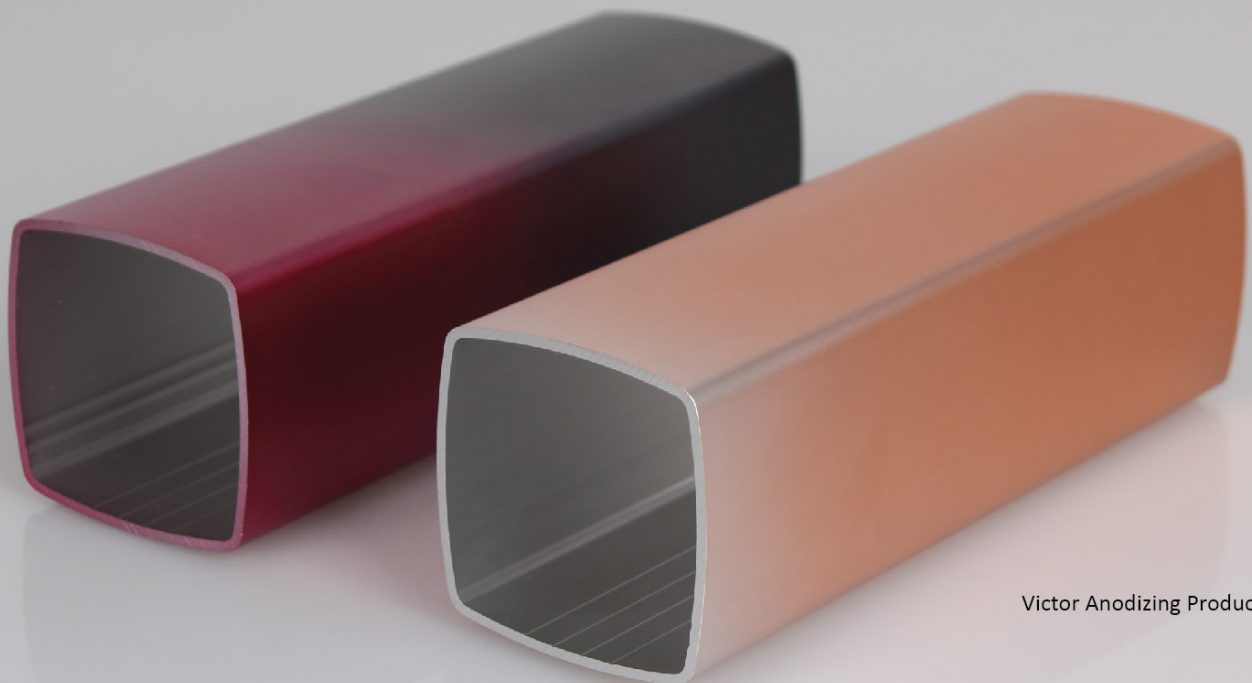
A New Technique at Victor

Iridescence is generally known as the surfaces of an object change colors in the forms of a tapered glossiness, a shade-shifting between dark and light, or a fluid flow from one color to another. It brings out a color-dynamic finish with a mystic yet romantic touch. Presently, applications to achieve iridescence are rather confined as to that the choice of colors is still limited, the layers of colors and their transition seem awkward, and the process control tends to be inconsistent.



At Victor, we have recently made major breakthrough over these limits by not only overcoming the color deficiency, but also moving from lab test to fulfilling batch production with guaranteed process stability.

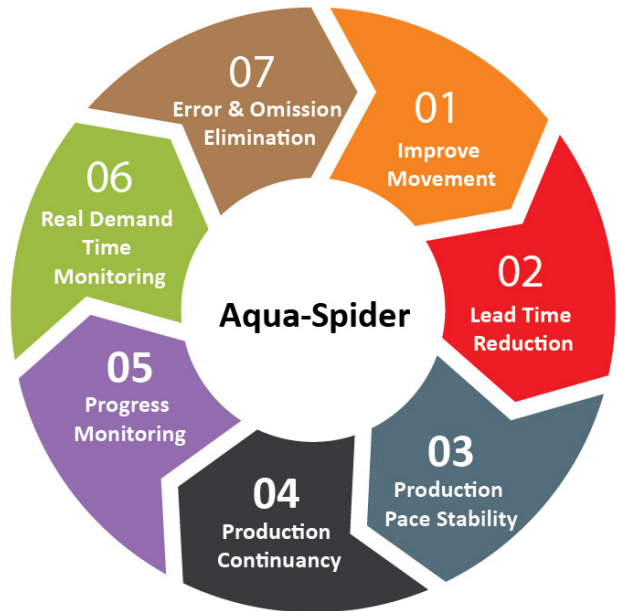
With our in-house recipe, we have managed to achieve the color magic at ease on aluminum surface by freely shifting glossiness and shades for both single color and color combinations, which generates gradient-layered color variance of two-tones or multiple colors over metal surface and delivers a product of superior elegance.



Aqua-Spider

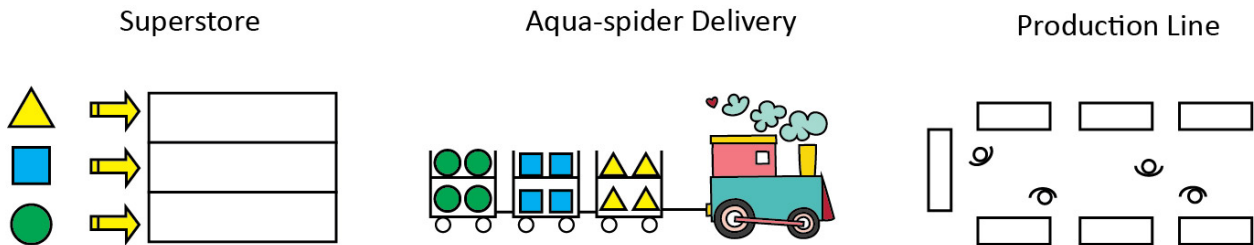
- the Material Handler supporting Lean Manufacturing

Our aqua-spider shuttles among the ingredients pre-load area, the production line, and the supply superstore to ensure the right supply at the right time for optimum performance of supply in-time and quantity accuracy. The spider delivers material from superstore to the assigned jobsite: it follows dispatching plan, and moves material in assigned time and quantity, which prevents jobsite over- or under-stock, shortens lead-time for customers, strengthens site management; in the meantime, it ties to the real-time data input of our site screens for access to and control to clear and precise production data.



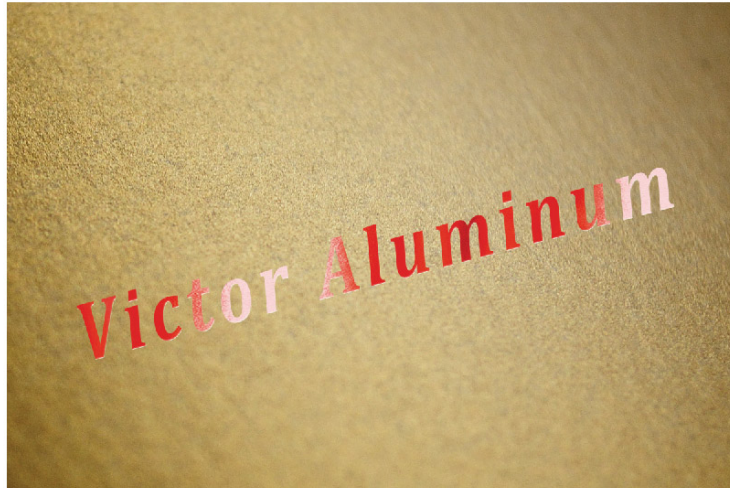
Promoting lean manufacturing, which helps significant reduction of idle time, increases production balance, and decreases in-process over supply/stock.

Daily Production Plan				
				Totally
Q'ty/Day	4	4	4	12



At Victor, we continue advocating lean production by extracting non-standard job-site processes as the standards to gauge aqua-spiders' moves, which equips our production capacity with optimum response sensitivity.

Our Brand-New UV Coating Line

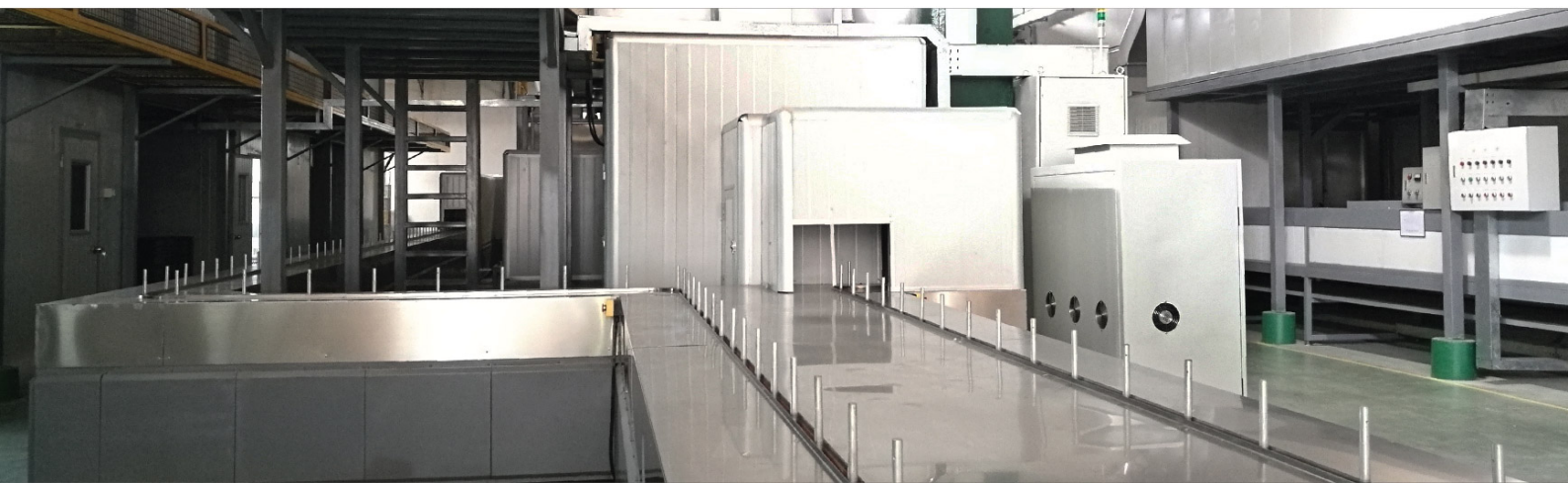


UV paint refers to the ultraviolet cured coating, which can also be called as photo-induced or photo-cured coating. It's a technique that the UV coating is sprayed onto the aluminum part by in-line automatic spray guns and exposed under ultraviolet, which, concurrently, cause substrate dissolution, generate free radicals, activate raisin reaction, and instantaneously form film on the surface. This is considered the most eco-friendly paint in the market.

Being a genuine green product sets UV paint apart from the traditional PU, PE and NC paints. The difference is that UV paint contains no volatile components, which makes any UV application green, healthy, and eco-friendly.

Our newly introduced UV coating line is capable of dissolving toxic components in the aluminum sheet during work process, and using the UV curer to dry the subject. In the meantime, the UV film is accredited for its hardness, scratch and abrasion resistance, and high transparency. This conforms to the consumer's belief in pursuit for quality products. Also, manufacturing automation obviates in-process human errors, minimizes color variation, and aids in quality consistency, which conforms to the belief of Total-Automation in manufacturing.

To Victor, it has never been an "either-or" choice between environment and company interest. We have the capability and capacity to embrace them both.



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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