



Kam Kiu Aluminium Products Group Limited

Content



Introduction

Milestones

Sustainability

Certification

Market Distribution

Products & Applications

(Building & Construction, 3C Electronics, Automotive, Transportation, Life Improvement, Industrial)

Production Base (KAE, KLT)

Production Capacity

(Die shop, Billet Casting, Extrusion Profile, Surface Finishing, Precision Machining, Automotive Parts Production, Quality Control, Research & Development)

Introduction



Kam Kiu Aluminium Group (KAP) is a leading aluminium extruder with a range of applications from consumer electronics, automotive, aerospace, marine, renewable energy system and to architectural projects. With 30+ years of expertise through billet casting, extrusion, die design, surface treatments to precision machining, KAP is committed to provide one stop solution to the market.

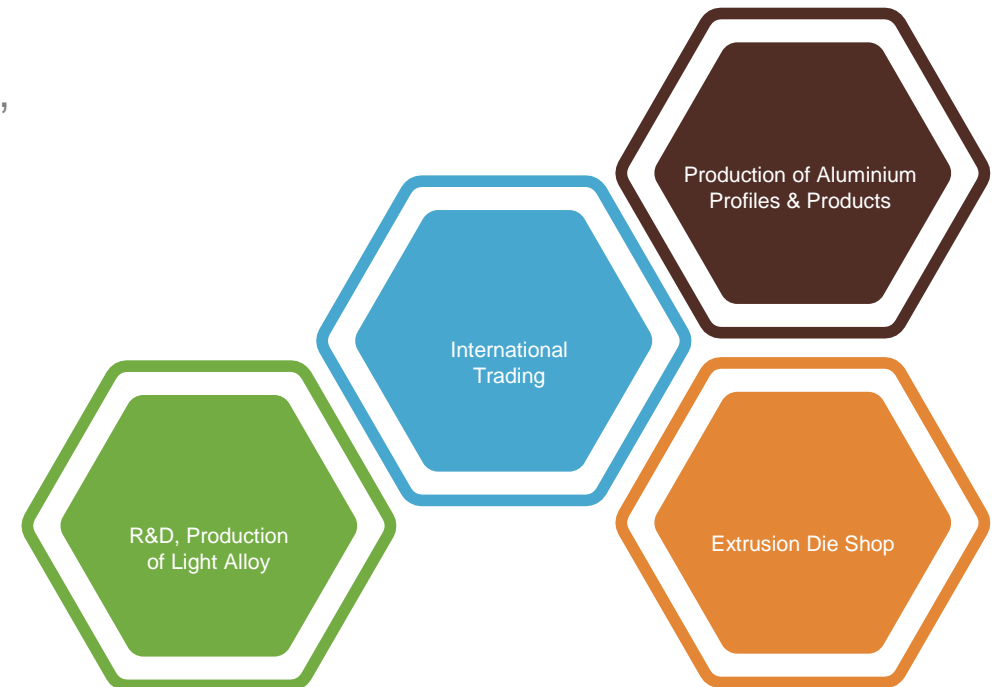
To provide technological support in aluminium products development, KAP devotes to research and development with capabilities proven to enhanced profiles performance solution and strengthen

Facts & Figures (Year 2019):

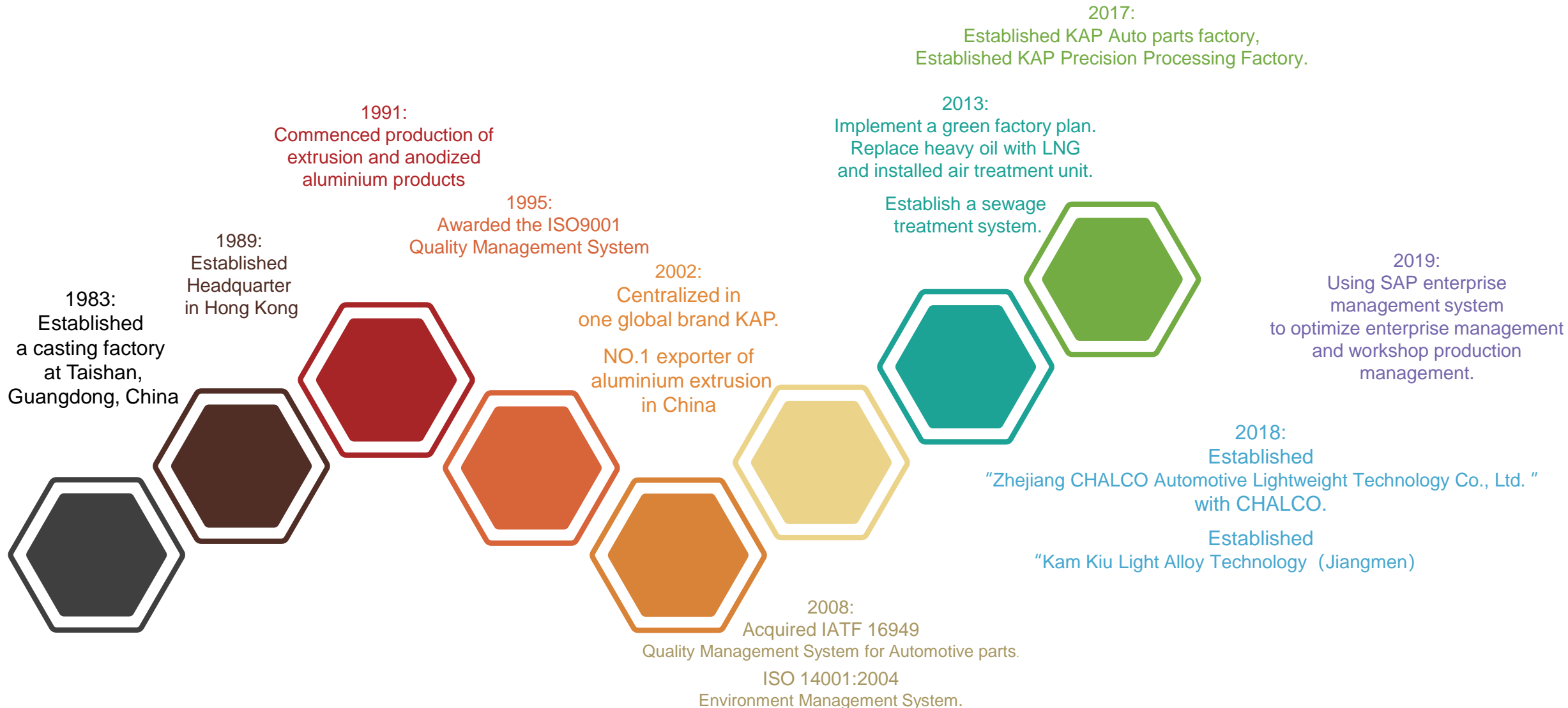
Turnover: **USD280M**

Employees: **~2500**

Capacity: **130,000MT**



Milestones





Our Mission



Sustainability



"Protect our Home" are not just empty phrases, Environmental protection has a long tradition at KAP, protect our home is our commitment to our ancestors. Because, we were bore here, we were live here, we were started here,



Recycling and the associated sustainable production of KAP products has become an important issue for the future. We are convinced today that energy efficiency and resource-conserving production methods promote new technologies and processes. Uniting the whole value-added chain under one roof embodies our wish for environmental protection.



There is hardly anything more important than returning home safe and healthy at the end of a working day. That is why we at KAP are convinced that there is never a more urgent concern than the safety and health of our employees. Precautionary measures, regularly evaluated risk assessments and our inter-site health and safety policy are key steps in this direction.



KAP has been based in the local community for more than 30 years. Thousands of KAP employees have started to work in since young. KAP is not only a local production enterprise, KAP is also affecting the local community and the happiness of thousands of families at hometown and abroad. KAP is committed to promoting the sustainable development of local communities and actively participating in activities such as poverty alleviation, education, medical care and disaster relief.



Certification



ISO 9001:2015

IATF 16949:2016

ISO 14001:2015
GB/T 24001:2016

OHSAS 18001:2007

Classification for Maritime Products

Quality Management System

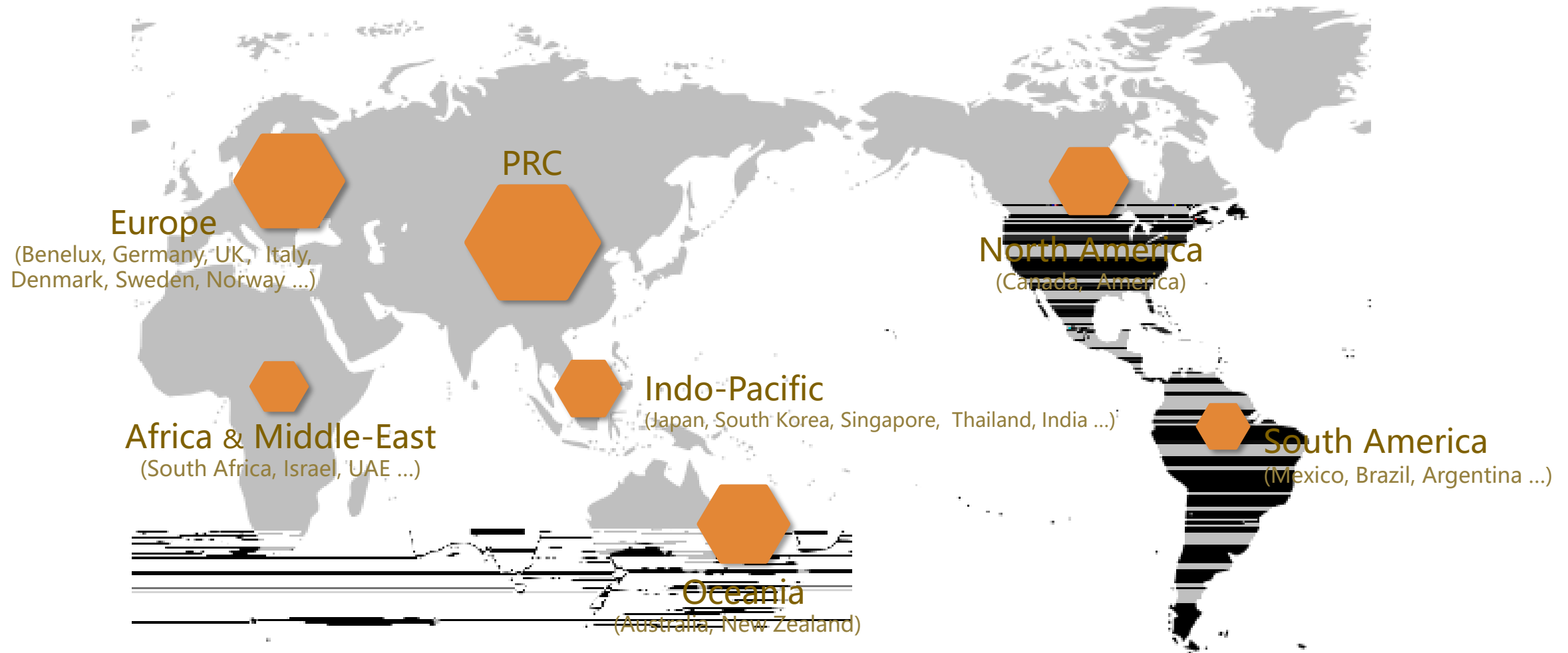
Quality Management System for Automotive parts

Environment Management System

Occupational Health and Safety Management Systems

Norway DNV, Germany GL, France BV, US ABS, China CCS

Distribution by Region



Products & Applications



Building & Construction

Industrial

Life Improvement

(85%)

Widely used in the following industries:
3C Electronics,
Auto Parts, Transportation,
Industrial Production,
Medical Equipment...

(15%)

Widely used in the following industries:
Curtain wall, Doors & Windows,
Construction Work
Home settings, Shower Enclosure...

Transportation

3C Electronics

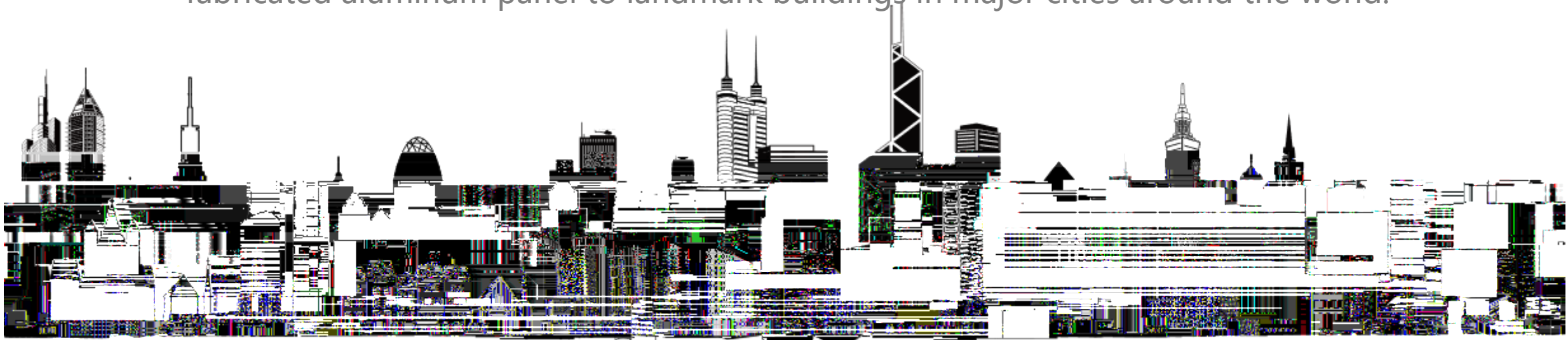
Automotive

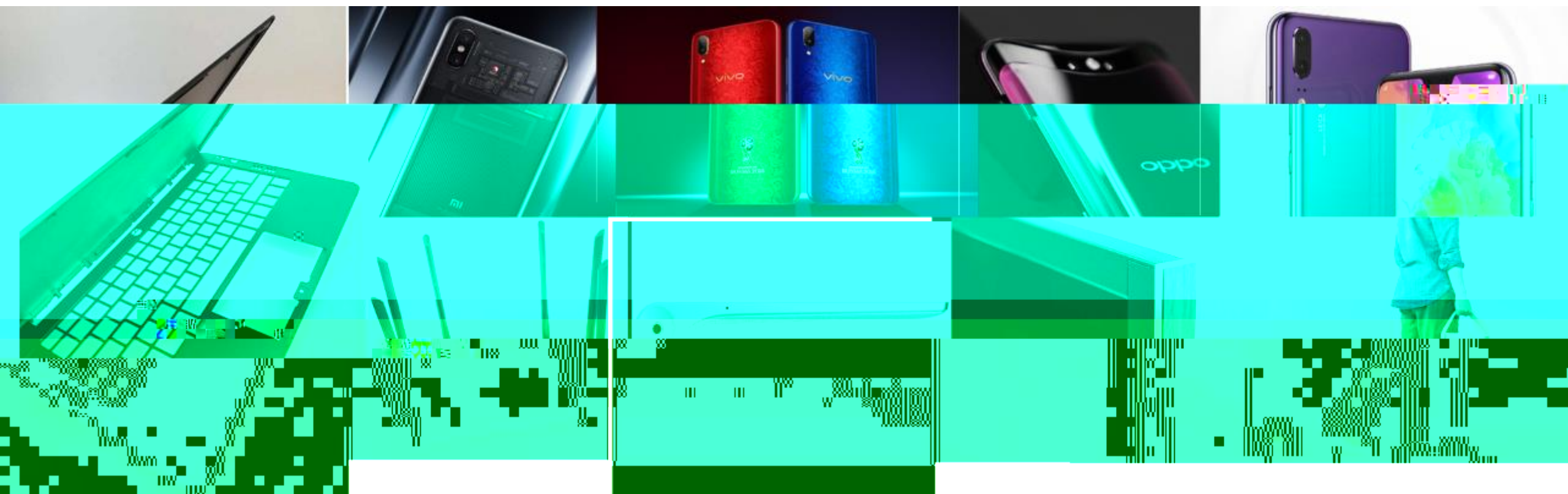


Building & Construction

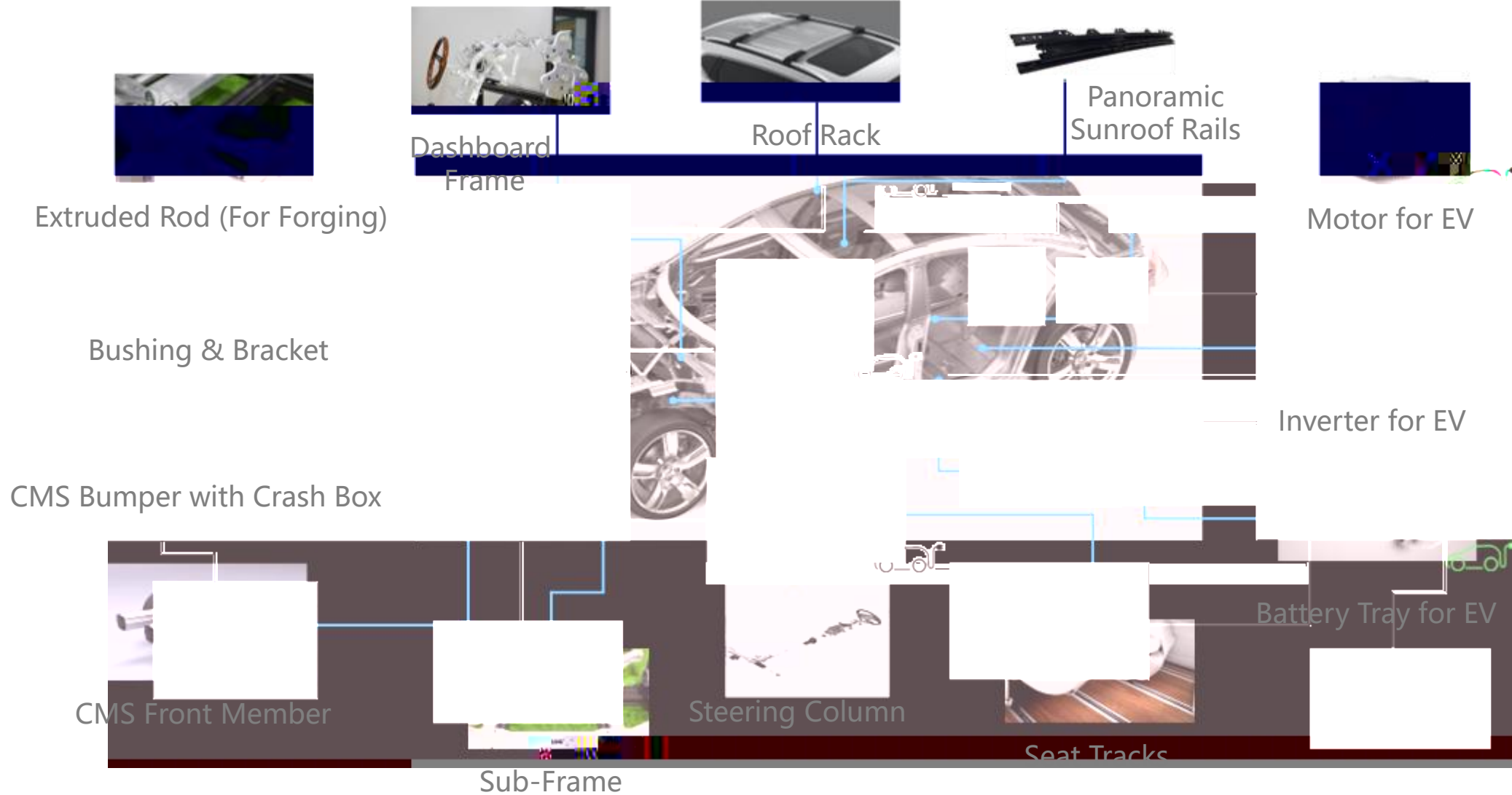


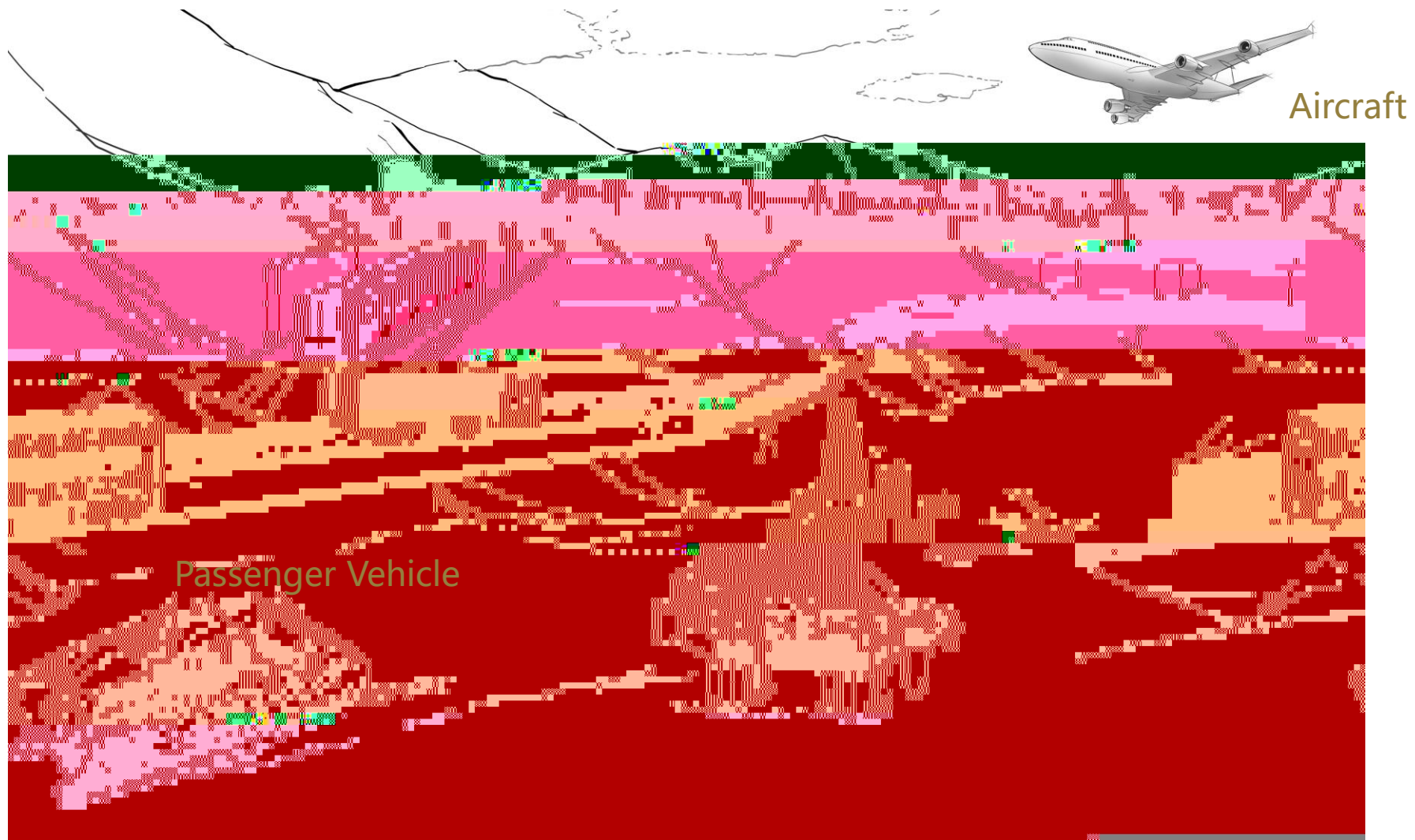
For more than 30 years, KAP has been providing high-quality aluminum profiles for internationally renowned door and window brands, and providing curtain wall profiles and fabricated aluminum panel to landmark buildings in major cities around the world.



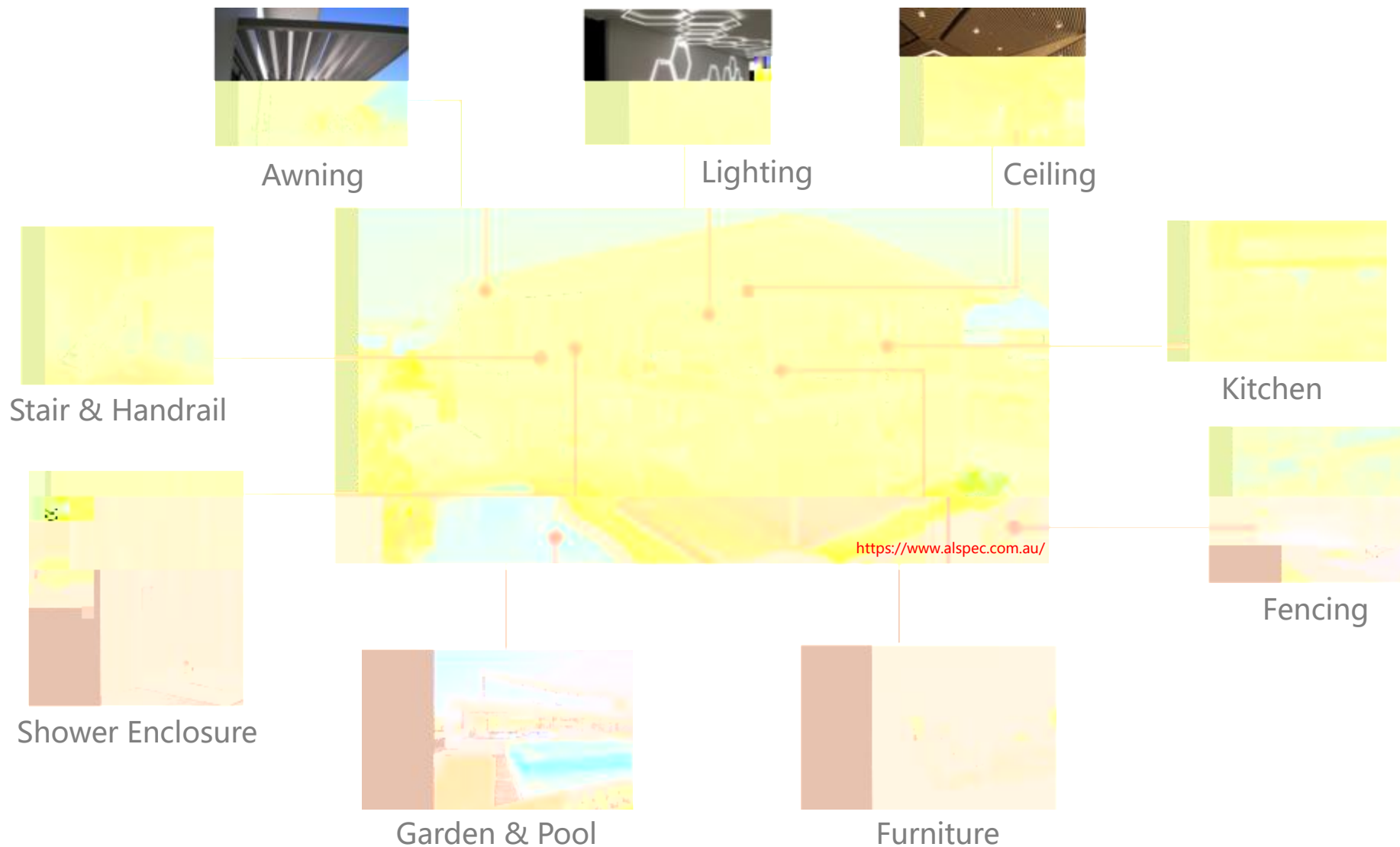


Automotive





Life Improvement



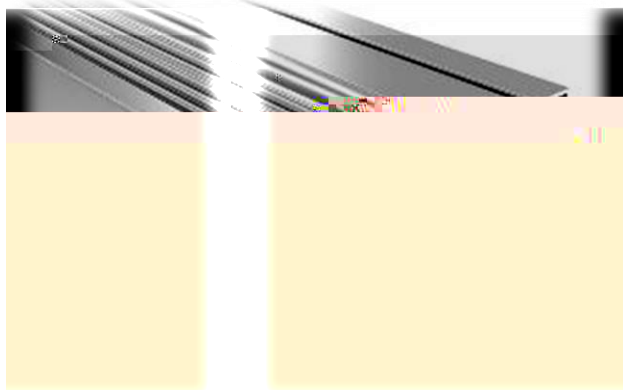
Industrial



Rod & Bar



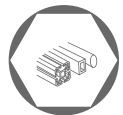
Industrial Profiles



Standard Profiles



Assembly Technology Profiles



Production Base



Taishan City Kam Kiu Aluminium Extrusion Co., Ltd. (KAE)

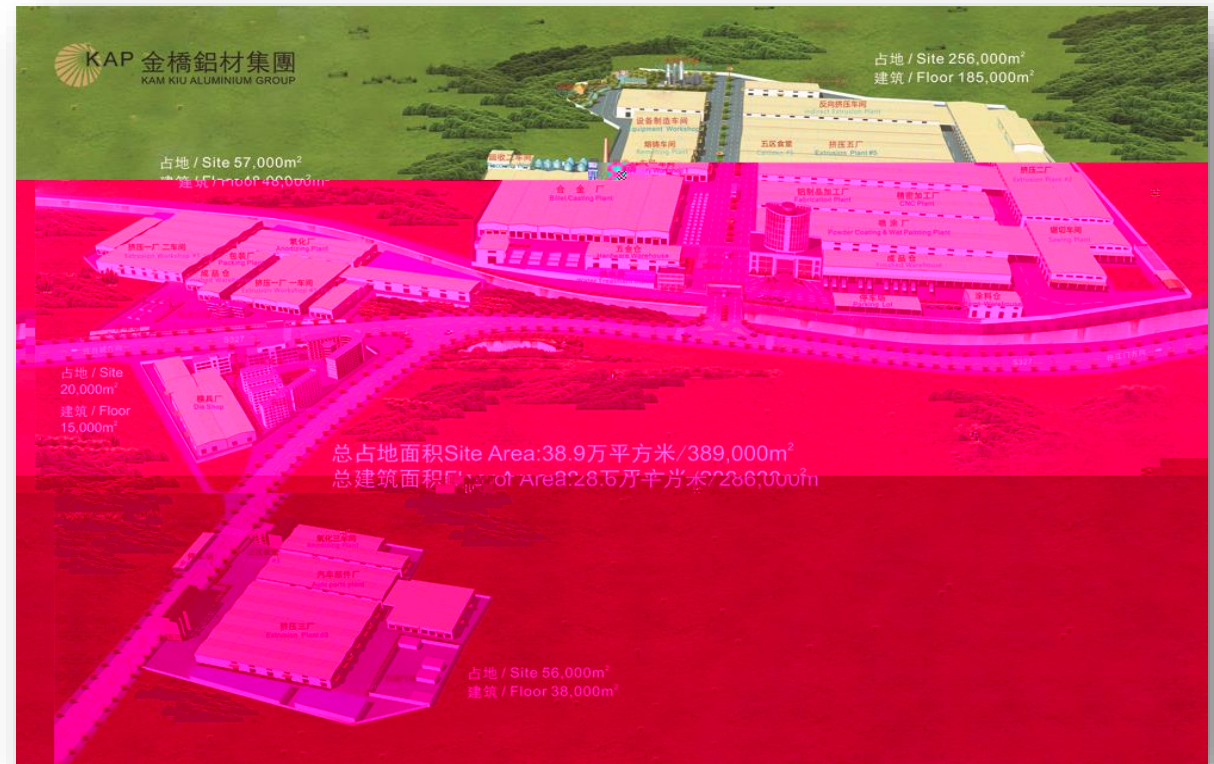
Location: Taishan, Guangdong, China.

Establishment date: Year 1983

Area: 389,000sqm.

Capability: 130,000tons.

Number of employees: ~2500.



Production Base



Kam Kiu Light Metal Technology Co., Ltd. (KLT)

Location: Taishan, Guangdong, China.

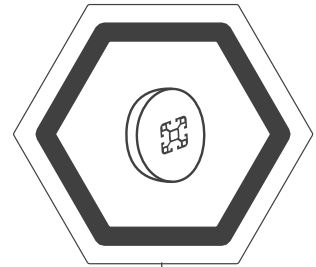
Establishment date: Year 2018

Area: 166,500sqm.

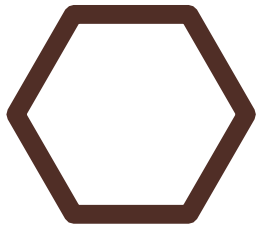
Number of employees: ~800.



Production Capacity

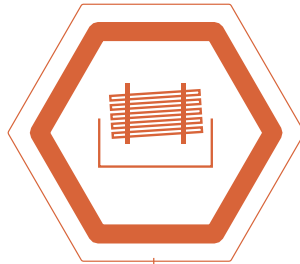


In-house Die shop



Aluminium Billet Casting

Extrusion Profile

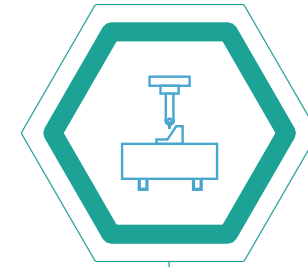


Surface Finishing

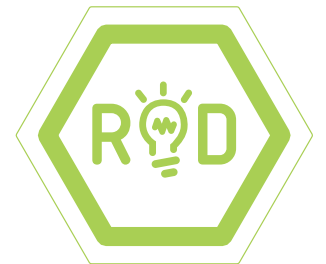
Precision Machining



Automotive Parts Production



Quality Control



Research & Development

In-house Die shop



KAP is staffed with a professional team of specialists in tool and die design. They are engaged in developing high quality dies with 3D design and simulation system. Our production of dies are characterized by precision, strength and abrasive resistance, these are complemented by CNC machining centers, vacuumed heat-treated ovens, controlled multi-atmosphere and nitriding ovens, which enhance accuracy and effectiveness in the downstream extrusion production process.



Extrusion Profile



KAP possesses 35 extrusion presses equipped with power frequency cascading furnace, online water quenching system, annealing furnace, quenching furnace. The annual output is 130,000 tons.

Double Action Indirect Presses:

Press size (US Tons)	2800	1000
Quantity	2	2

Direct Extrusion Presses:

Press size (US Tons)	6180	3680	2800	2500	1800	1250	1100	880	550
Quantity	2	1	5	6	3	1	4	5	4



Surface Finishing



KAP has a number of surface treatment production lines with a central sewage treatment system.

The products are in line with international standards and are recognized by Japanese and European customers.

Production equipment includes:

Anodizing production line

Anodizing coloring line

Mechanical and chemical polishing production line

Horizontal powder coating production line

Horizontal wet painting production line

Vertical wet painting production line



Precision Machining



KAP is committed to providing customers with one-stop aluminum production services.

A variety of automation equipment is available to meet customers' requirements for aluminum processing and product assembly.

Production equipment includes:

- Automatic sawing machine
- Multi-function CNC milling machine
- CNC punch, mechanical punch
- 3-axis CNC machining center
- Tube bending machine
- Welding production line
- CNC precision processing equipment



Automotive Parts Production



KAP established the “Auto Parts Production Plant” in 2017.
In order to serve the auto parts customers more professionally.

The factory effectively implements the automotive industry
<IATF16949 automotive product quality management system>.

Industrial automation and data visualization management will be
implemented in the factory.

At that time, the production data real-time display system
will dock the new SAP management system of KAP.



KAP has always adhered to the principle of quality first.

Through the reasonable planning before production, production process control, quality control, to ensure that product quality continues to be stable.

Testing equipment includes:

- Alloy composition spectrum analyser
- Optical profile inspection system
- Mechanical performance tester
- High magnification metallographic analysis microscopy



Research & Development



R&D of new materials and new technologies to support sustainable development.

R&D topics include:

Developed high strength, high fatigue resistance, high welding performance, new aluminum alloy

Development of design, simulation and production of complex section aluminum profiles

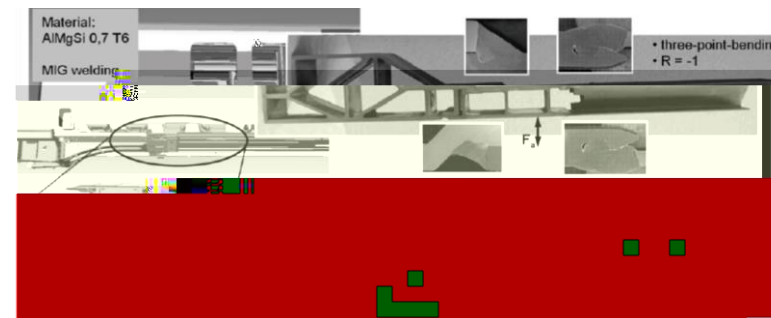
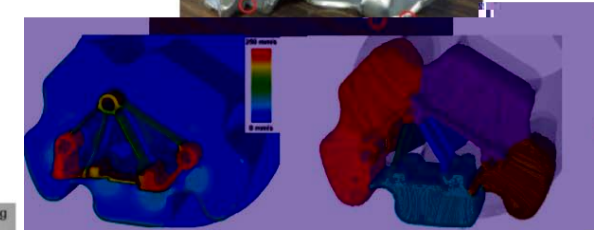
Effect of heat treatment process on connection performance crash performance

The effect of the joining process on the performance of the assembly

Molding process (MIG \ FSW \ hydraulic expansion type)

Aluminum alloy automotive parts

(collision management system, steering system, sub-frame, battery tray and chassis)





Kam Kiu Aluminium Products Group Limited.

Thank you very much !