



شركة لندن المعمارية للألمنيوم

ARCH ALUM MANUFACTURING LLC

LONDON ARCHITECTURAL ALUMINIUM

EUROPIAN ENGINEERING, LOCAL EXCELLENCE

Dubai, UAE

Premium Aluminium Glazing

www.laa.ae

COMPANY PROFILE

Who We Are

London Architectural Aluminium (LAA) is a premium aluminium glazing manufacturer based in Dubai's Al Qusais industrial district. We bring over **20 years of UK fabrication expertise** to the UAE market through our parent company, Direct Trade Windows Ltd.

We specialise in high-performance architectural glazing solutions for luxury residential and commercial projects across the Emirates, combining European engineering standards with local manufacturing capabilities.

OUR ADVANTAGE

5-week local delivery versus 12-week import timelines — giving your projects the speed advantage without compromising on quality.

20+

Years Experience

UK **UAE**

Heritage

Manufacturing



OUR PURPOSE

Vision & Mission



VISION

To become the benchmark for precision-driven architectural glazing in the UAE –where technology eliminates human error and delivers consistent excellence.

No manual entry. No mistakes. No headaches.
Just reliable, repeatable quality through intelligent automation.



MISSION

To deliver world-class aluminium glazing through complete technological integration –from AI-powered drawing analysis to CNC manufacturing and automated production control.

We replace manual processes at every stage, empowering architects, developers, and homeowners with faster quotes, fewer errors, and uncompromising quality.

MANUFACTURING EXCELLENCE

Factory & Facilities



Our Dubai facility is equipped with advanced machinery for precision fabrication and rapid production.

CNC Machining

4-axis CNC for complex profile cutting and milling

Double-Head Precision Saws

Accurate cuts for perfect frame assembly

Corner Crimping

In-house thermal break crimping service

Glass Processing

Partnerships with certified glass suppliers

Quality Control

Kaizen-driven QA processes from our UK operations

Our Machinery



CNC 3000 (DMC/ALO2)

The CNC 3000 machine mills, drills, slots, engraves, and chamfers aluminum profiles with high accuracy. It operates via CNC control, allowing multi-side machining in one setup, boosting productivity.



Double Head Cutting Machine

The 650D double head cutting machine cuts aluminum profiles for doors, windows, and curtain walls. It cuts angles from 45° to 135° with servo motor precision.



Single Head Cutting Machine

CNC positioning frame ensures accurate lengths and improves production accuracy. D550 single head cutting machine cuts profiles at any angle with a smooth finish.



Single Head Copy Routing Machine

The single head copy routing machine is used for routing holes and slots on aluminum profiles by following a template. It is suitable for light machining work and is easy to operate.



Crimping Machine

The crimping machine is used to join aluminum profiles at 90 degrees during window and door frame assembly. It uses hydraulic pressure to ensure strong and accurate corner joints.



Auto End-milling Machine

The auto end milling machine is used to mill the ends of aluminum profiles to ensure proper and accurate connections during assembly. It helps achieve clean and precise joints.



14-axis fully automatic rolling compound machine & CNC gear opening machine

14-axis rolling machine forms aluminum profiles with servo precision. CNC gear opening machine cuts gear teeth accurately.



Upcut Saw

Used for accurate cutting of aluminum profiles for doors and windows.



Air Compressor (16 Bar / 500L)

The air compressor supplies compressed air to all pneumatic machines in the workshop and is essential for smooth and continuous machine operation.

WHAT WE OFFER

Products

Sliding

Lift & slide, panoramic sliders. Large format glass for stunning views.



Slim Sliding

Seamless walls of glass. Transform modern mansions with panoramic sliding glass systems



Swing

modern contemporary designs including glass and midcentury modern designs.



Bifold Doors

Seamless indoor-outdoor living with British Debar hardware systems.



Curtain Wall

Facade systems for commercial and high-rise applications.



Installation

Expert in-house installation teams. Full project management from survey to handover.



Target Markets:

Emirates Hills

Palm Jumeirah

Dubai Hills Estate

Arabian Ranches

Commercial

Specialist Services

IN-HOUSE SERVICE

Thermal Break Crimping

Our specialist thermal break crimping service addresses a critical industry bottleneck with rapid turnaround.

- **1-Week Turnaround**
- Precision machinery
- Third-party service available



SISTER COMPANY

Powder Coating

Through our sister company **A1 Metal Coating**, we offer complete in-house powder coating capabilities.

- **Full RAL colour range**
- Qualicoat & GSB standards
- External clients welcome



A1 Metal Coating: www.a1metal.ae

Our Projects

Dubai Hills Project



Commercial Projects



UK Bifold Project



JVC - Curtain Wall Project



Damac Project



UK Residential Project



PREMIUM SYSTEMS

System Partners

We fabricate and install systems from leading aluminium profile manufacturers.



LONDON ARCHITECTURAL
ALUMINIUM

LDN Systems

Our own brand. Custom solutions
for unique projects.



Alumil

Greek innovation. Responsive
support & competitive value.



Gulf Extrusions

Regional leader. Local supply &
fast delivery.

SCHÜCO

Schüco

German engineering excellence.
Premium windows, doors &
facades.

- All systems IFT Rosenheim tested and certified for performance

STRATEGIC NETWORK

Working Partners

Our trusted network of specialist partners enables us to deliver comprehensive solutions.



Direct Trade Windows Ltd

UK Parent Company

20+ years UK fabrication expertise. Manufacturing excellence and quality standards that define LAA operations.



ASG Building Supplies

Materials Partner

Reliable supply chain for aluminium profiles, glass, and construction materials across UAE projects.



DMAS Machinery

Equipment Partner

Industrial machinery supplier for our CNC and thermal break crimping equipment. Local service and support.



A1 Metal Coating

Sister Company • Powder Coating

Qualicoat & GSB certified powder coating. Full RAL colour range with rapid turnaround times.



Orgadata

Software Partner

Powered by advanced infrastructure and Logikal by Orgadata, we ensure precise engineering and superior quality control.

TRUST & RECOGNITION

Our Clients

4 Rangel Tech
Ritz Interiors
HTS Interior
Safer Interior

IFTS Technical Services
Bin Shafar Contracting
Bin Auda Contracting
4 Dimensions Engineering

Katblack Interiors
Arcal Engineering
Kit and Kaboodle Interior
Karma Building Contracting



ASG Commercial has worked with Direct Trade Windows in the UK and now with London Architectural Aluminium here in the UAE on multiple residential and commercial projects. Their commitment to quality, professionalism, and timely delivery has been consistently excellent. We highly recommend their services.



ASG Commercial

Real Estate Development • UK & UAE

• Dubai Municipality registered • Trade License available upon request

Our Presence

United Kingdom

Parent Company

Direct Trade Windows Ltd

Established fabricator with 20+ years experience in residential and commercial aluminium glazing.

Services: Windows, Doors, Bifolds, Conservatories

Website: directtradewindows.co.uk



United Arab Emirates

Manufacturing Hub

London Architectural Aluminium

Full-service manufacturing facility in Al Qusais, Dubai with in-house capabilities.

Address: Al Qusais Industrial Fourth, Dubai

Phone: +971 4 295 9945

Email: info@laa.ae

Web: www.laa.ae



OUR FOUNDATION

UK Heritage



www.directtradewindows.co.uk

Parent Company • United Kingdom

LAA is the UAE extension of **Direct Trade Windows Ltd**, a well-established British aluminium fabricator with over two decades of experience serving the UK construction market.

This heritage means our Dubai operations are built on proven processes, rigorous quality standards, and deep technical expertise developed across thousands of UK projects.

20+

Years in UK Market

1000+

Projects Delivered

EU

Quality Standards

A Note from the Founder

In the UK, we transformed our operations through modern CNC equipment and Logikal manufacturing software, achieving significant improvements in efficiency, quality and capacity. Our systems deliver accurate estimating, precise stock control, automated ordering and seamless factory production control.

When I arrived in Dubai, I was struck by a significant gap in the market. Even large-volume fabricators were operating entirely on manual labour — an approach that simply cannot deliver the precision manufacturing that modern architecture demands.

This reliance on manual processes will inevitably create bottlenecks. As the industry evolves, success will belong to those who embrace technology over skilled labour dependency.

Most recently, we have implemented AI technology that reads architectural drawings far faster than manual processes, enabling accurate and rapid quoting. After six months of successful deployment in the UK, we are now bringing this capability to the UAE — continuing our mission to deliver European manufacturing standards to the MENA region.



AJ
Hassanali

Direct Trade Windows Ltd (UK)
London Architectural Aluminium (Dubai)



GET IN TOUCH

Let's Build Together

Ready to discuss your next project? Our team is here to provide expert guidance from concept to completion.



Al Qusais Industrial Fourth
Dubai, United Arab Emirates



+971 50 187 4829



info@laa.ae
sales1@laa.ae



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