

Schueco Partner

"Certificated for the ninth consecutive year."

DIVERSITY FORM VARIETY

MODERN façade

ENERGY EFFICIENCY

Vision of the Polatoglu is to be at every point of construction sector



GREEN FACADE



TERRAZZO WALL PNL



SLIDING DOOR



WINDOWS



DOORS



contro

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0023-EP

WE ARE

an aluminium facade company

Vision of the Polatoglu is to be at every point of construction sector

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ABOUT US

Polatoglu Metal Corporation was founded in 2005 in Istanbul. The principle of honest trade visionary perspective and the principles of being a team has made it a principle and has managed to be a friend first with the institutions and people that it provides service or gives as a result of mutual trust of its young expert and experienced staff. It has proven itself in the sector with the aim of providing service without sacrificing any of the economy speed and quality factors by working at the highest energy and has managed to become one of the strong brands of the sector.

5000m² closed and 5000m² open stacking capacity factory and over 385 employees in Baku city Azerbaijan manufacturing and assembly of aluminium facades aluminium doors/windows, aluminium composite panels, compact laminate panels, automatic sliding and revolving doors, pvc doors/windows, termowood, marble/ceramics, sun shades, louvres, handrails and steel construction systems with this competent machinery and qualified personal does this quickly and successfully.

It is an investment for many years that provides great advantages to investors by starting the project stage of manufacturing and assembly works within its professional working system.

It has adopted itself as a vision to be present at every point in the construction industry and on this path the core values are that it acts with the awareness that innovation perfectionism and diligence.

One of the leading company of suppliers, fabricators and installers of aluminum and glass works in the Azerbaijan.

It reached a turnover of 68 million dollars between 2016 and 2024 and its goal is to reach a turnover of 100 million dollars in the next 5 years. In this direction, another target is the countries it serves; Turkey, Azerbaijan, Georgia and England crossed the border; It is to reach the markets of Kazakhstan, Uzbekistan, Montenegro and Kuwait and has started the necessary infrastructure studies in order to provide services in these regions.

STATIC AND HEAT TRANSFER CALCULATIONS

Heat Transfer Calculations (Coefficient of Thermal Transmittance; $U_f - U_{tj}$, U_g ve U_w) Optimizing thermal insulation of aluminium windows is the main goal on new system designing phase. Therefore Polatoglu use a fully validated thermal bridge software according to EN ISO 10211:2007 and EN ISO 10077-2:2003. By changing design and conducting countless tests, ideal designs are found.

Building specifications and regulations of countries force facade and window manufacturers to obey strict coefficients of thermal transmittance. (U_g , U_f , U_w , U_{tj}) Polatoglu not only calculates U_f values but also provide desired technical information and simulations for any frame-sash-glass combinations.

STATIC CALCULATIONS

Dynamic wind loading of the carrier used in the aluminum profile systems to be eligible to carry the weight of the glass is required. In order to verify this competence determined primarily affecting the load bearing elements in the system and it is necessary to calculate the effects that occur in elements under these loads. Formed in profile max. critical loads and deflection of the profiles that can be used when determining the minimum moment of inertia (I_s) is determined and the moment of inertia, in order to select the moment of inertia greater than the minimum required profile.

The carrier profile, primarily related to the specifications and standards of the country in the determination of the maximum deflection may be exposed considering the windows on them should be taken into account. TS EN 13830 standards in March 2005 in accordance with Article 4.1 "largest deflection of the curtain wall of structural elements occurring in the front $L / 200$ or 15mm, whichever is smaller, should not exceed that value. This city in accordance with EN 13116 or curtain wall structural elements of the building's structural system is supported at or anchored in the points (L) is measured. "

ARCHITECTURAL PROJECTS

The conversational software LogiKal® matches perfectly the requirements of aluminium and steel window, door and curtain wall construction in matters of configuration, functionality and menu navigation. LogiKal® is the complete service package for architectural profile constructions and features all you need in the metal-working business.

And all that with tremendous speed and perfection. LogiKal® keeps your company independent in the decision for architectural profile systems.

You can respond comprehensively to your customers' needs and react flexibly on changes in the business. Our e-mail your request to: info@polatoglu.org



Sertifika

Polatoğlu; Schüco Alüminyum Kapı, Pencere ve Cephe Sistemleri ile çözümler sunabilecek ve Schüco standartlarında uygulamalar yapabilecek niteliklere sahip bir SCHÜCO PARTNER'idir.



POLATOĞLU

Polatoğlu Metal A.Ş.
Binagadi, Baksol Arazisi 1
Baku/Azərbaycan

Tel: 00994124125323

Web: www.polatoglu.org

- Polatoğlu, Schüco Partner olma kriterlerine sahip bir firma olarak Schüco sistemlerini kullanmaktadır.
- Polatoğlu, müşterilerine verdiği tavsiyelerde, iş planlamalarında ve uygulamalarında Schüco sistem felsefesi ile hareket etmektedir.
- Firma yetkilileri Schüco Alüminyum Kapı, Pencere ve Cephe Sistemleri ile çözüm üretilmesi ve uygulaması konularıyla ilgili eğitim görmüşlerdir.

2024

İstanbul, 01.01.2024
Geçerlilik Tarihi: 31.12.2024

Can Eren
Genel Müdür



WINDOWS & DOORS

THE POTENTIAL FOR SAVINGS IS ENORMOUS.

Do not compromise on the insulation for your home. Windows guarantee you maximum energy efficiency. This is how you ensure markedly lower heating costs. You can make further savings with targeted ventilation. Here too, Schueco has the right solution.

MAXIMUM INSULATION VALUES

With Uf-Values from 0.8 to 1.6 W/(m²K) Windows achieve maximum thermal insulation values. These outstanding values, e.g. in the area of metal fabrication, are achieved through an enlarged insulation zone with foam-filled insulating bars, an optimised centre gasket and a new type of thermal insulation in the glazing rebate.

YOU CAN SAVE:

For a family home with a surface area of 143.8 m² and a window area of 26.4 m², which was constructed in about 1980 there would be, a saving of 51 kWh/(m²a) or 730 litres of heating oil per year. The consumption of 730 litres less oil reduces CO₂ emissions by two tonnes per year. This corresponds to a journey of about 10,000 km by car or a Co₂ volume of 1250 m³.



70.HI - Highly thermally insulated aluminium window system.

Window combines efficient solutions for a wide variety of functional, architectural and design requirements in one system: a high level of thermal insulation, narrow face widths and attractive vent contours as well as concealed, classic manual or integrated electromechanical fittings for inward and outward-opening windows.

Uf value of 1.6 W/(m²K) with a face width of 117 mm

SLIDING SYSTEMS

MAKING SAVING ENERGY EASY

In winter, the cold stays outside. In summer, the heat. Sliding doors from thermally insulated to passive house standard and therefore create an internal climate that is pleasant at all times. For a clear conscience when heating your home. For low air conditioning costs at high outside temperatures. In short: for responsible use of energy.

Saving energy does not just mean contributing towards climate protection; it is also about saving money. In the face of soaring energy costs, this is in the interest of every client.

Sliding and folding sliding doors must meet high requirements in terms of thermal insulation – especially if large constructions are required. This creates a high level of comfort in your home by maintaining a constant, agreeable room climate; it also saves valuable energy and prevents high costs. And this is not only on cold days, but also in summer. Then, the heat stays outside and the cost of air conditioning can therefore be considerably reduced. Optimum comfort and enormous potential for saving energy – a perfect match.



70.HI lift-and-slide door

The aluminium profiles, which are thermally broken by insulating bars, are fitted with isolators and efficient gaskets.

Together with high quality insulating glass, the best thermal insulation results are achieved.

The ASS 70.HI lift-and-slide door therefore fulfills the requirements of EnEV with ease.

ENERGY EFFICIENCY



ALUMINIUM PANEL FACADE SYSTEMS

The building shell made with aluminum curtain wall systems is to be formed by a modular technique. All the components forming the panel facade modules are converted into finished products in the controlled factory environment and assembled at the site site.

Advantages of panel façade application

High quality product

Quick mounting possibility

The water extraction and ventilation items have been solved and tested in the system.

The independence and technical performances of the sample prepared according to the relevant standards of air, water impermeability and wind resistance tests, the samples with international Qualanod and Qualicoat surface treatment certificates, all system materials supported with 10 years liability insurance, Systems that can be tested in an approved and approved test center.

Aluminum Covered Panel Facade Systems

Aluminum, Structural Silicone Panel Facade Systems

Aluminum Semi-Lid (Two Side) Panel Facade Systems

Aluminum Cascade Panel Facade Systems



STRUCTURAL SILICONE FACADE SYSTEMS



Feature of the silicone facade systems is that from outside aluminum profiles are invisible and only used glasses and 15mm joints between glasses are visible. There are silicone sealant between panels, as space between glasses panels are provided with Epdm sealing gaskets. According to the structure of the building, geographical region and climatic conditions, used profiles can again heat insulation properties as a barrier system.

SEMI – STRUCTURAL FACADES



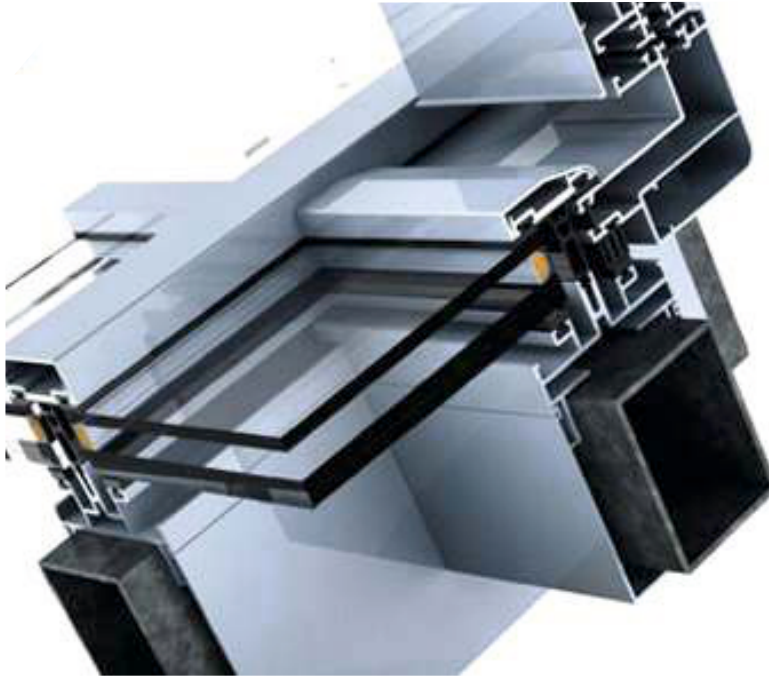
Structural (silicone) facades are visible structure and no distinctive difference between the external opening and unopened portion. The joint between the glass is filled with rubber or silicone seal. Typical of the structural performance of the facade is that exterior glazing with glass bearing is affixed by a special silicone to aluminum tape, whereby the assembly is on aluminum supporting structure of the facade. Systems of this type of walls allow light assembly and disassembly of glazing which, combined with elegant design of new buildings, makes it the preferred option for façade solution.

Semi- structural facades are glass with frame of aluminium profile which are hung on pre-assembled column and beam.



SKYLIGHT ROOFING SYSTEMS

Skylight systems due to the feature of reinforced steel can easily pass the distance. Skylight system has structure to take out both condensation and water leakage in system and condensation water, that can occur on the inside glass surface due to the condenser channels in the bracket profile. In skylight system it is possible to put wings opening in every position, to equip this wings with motor mechanisms and by sensor or manually ventilation and smoke extraction can be performed automatically.



- Designed to create bright spaces using natural light.
- Can be applied with or without conduit channel.
- It can be applied with horizontal - vertical cover or horizontal silicone with vertical cover.
- Designed to accommodate large openings; Application and manufacturing is a practical system.
- There are alternatives to the inner cover that can be used to cover the steel substructures that carry the system.
- It is possible to apply glass and polycarbonate sheet.
- It is economical at the same time as it has a wide range of products.





OFFICE PARTITIONING SERVICES

Polatoglu offers partitioning services for residential and commercial facilities. We supply and install high quality glass partitions, MDF partitions, aluminium partitions, frameless glass partitions and demountable partitions.

Solid Partitions They are of two types:

Plasterboard panels: A single skin plasterboard panel, gives a 30-minute fire rating, and a double skin, which gives a 1 hour fire rating.

Composite panels: The composite panel is made with a 27mm honeycombed core and faced off with 9.5mm of plasterboard to either side. This type of panel is usually used in our demountable partitioning systems.

Glazed Demountable Partitions: This is an extremely versatile, non-load bearing, re-locatable partitioning system for internal use. Contained within a 50mm aluminium framework this system is light and durable.

Glazed partitions offer the ideal solution to your temporary or longer-term office requirements.

Made of aluminium or plastic sections to create single and double glazed modules, these panels can be faced in vinyl, melamine, veneer or steel and can be satin anodised or powder coated to any colour in the BS or RAL ranges.

The skirting can be made from plastic or aluminium from 75mm to 150 mm in height.

Glazed partitions are particularly useful if there is a need to maximise light or increase visibility in an office.



What are the benefits of using office partitioning over traditional building techniques?: The principal benefits of office partitioning over traditional building techniques are speed and flexibility. Partitions can be erected, demounted and re-erected very quickly and without the mess or noise disruption associated with other forms of re-modelling. In addition, in most cases, there is no need to close the office whilst the work is being carried out.

What choice of office partition finish is there? There is a choice of timber veneer, glass, vinyl steel or MFC (melamine faced composite). The decision on which material to use should be based upon its intended purpose

What choice of door finish is available?: You can choose a door finish from timber, veneer, glass, steel, or laminate.





TERRAZZO WALL PANEL

Precast Epoxy Terrazzo Specification

1709 University Commercial Pl, Charlotte NC 28213 | (704) 921-4928 | www.polatoglu.org

Section 1 – General Information

OVERVIEW

a. Precast Epoxy Terrazzo Products Include: i. Precast Epoxy Terrazzo Stairs, Tile, Base, Countertops b. Setting material, grouts, sealants and caulks. c. Installation of precast epoxy terrazzo products

REFERENCES

- a. American Society for Testing and Materials (ASTM)
 - i. ASTM C-150, ASTM C-33, ASTM C-140, ASTM C-293, ASTM C-1028
- b. National Terrazzo and Mosaic Association Inc. (NTMA)
- c. Federal Register Part III i.28 CFR Part 36

SUBMITTALS

a. Shop Drawings. i. Submit shop drawings for all precast epoxy terrazzo materials, indicating all detail sections and profile for precast terrazzo items.

QUALITY ASSURANCE

- a. Comply to the provisions and recommendations set by the National Terrazzo and Mosaic Association (NTMA).
- b. Manufacturer's Instructions: In addition to the NTMA's specified requirements, abide by precast manufacturer's instructions.
- c. Qualifications: Manufacturer and Trade Contractor must have a max of 2 years of experience on projects of similar magnitude and complexity. Manufacturer and contractor to be prequalified by architect prior to bidding. Failure to prequalify will void bid.
- d. Manufacture supply a written Quality Assurance Program and Procedure manual.

OUR PRODUCTION DEPARTMENTS

Polatoglu Metal "TERRAZZO", Inc. is comprised of our epoxy manufacturing plant, in-house rock crushing center, and precast terrazzo shop, all integral to the success of any terrazzo project. Learn how each department is important in planning a terrazzo design.



How Our Epoxy Team Can Assist You



How Our Epoxy Team Can Assist You



How Our Epoxy Team Can Assist You



PORT BAKU GARDEN WALK WAY



PROJECT DETAILS

Location: Baku / Azerbaijan

Contractor: North West Construction

Fabricator: Polatoglu Metal Co. Inc.

Completed: February 2024

Total Square Footage: 23,350 m²

Aluminium Silicone Systems 6.200 m²

Aluminium Door & Window Systems 650 m²

Aluminium Composite Panel Systems 7.000 m²

Aluminium Louvre System 2.300m²

Terrazzo Wall Panel 4.800 m²

Granit Stone Panel 6.00m²

Standing Seam System 1.800



REFERENCES

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SABAH RESIDENCE BAKU



PROJECT DETAILS

Location: Baku / Azerbaijan

Contractor: Qala Group

Fabricator: Polatoglu Metal Co. Inc.

Completed: December 2023

Total Square Footage: 29,100 m²

Aluminium Silicone Systems 4.800 m²

Aluminium Door & Window Systems 12.000 m²

Aluminium Composite Panel Systems 1.100 m²

Sinterflex Curtain Wall 9.000 m²

Aqua Panel 2200 m²



BRAVO NGA HYPERMARKET

**PROJECT DETAILS**

Location: Baku / Azerbaijan

Contractor: Pasha Construction

Fabricator: Polatoglu Metal Co. Inc.

Completed: October 2018

Total Square Footage: 22,430 m²

Aluminium Covered Facade Systems 3500 m²

Aluminium Composite Panel Systems 8500 m²

Aluminium Door & Window Systems 250 m²

Ceramic Cladding 500 m² / Automatic Door Systems 80 m²

Thermowood Works 500 m² / Glass Balustrade Systems 1500 m²

Aluminium Mesh Panel Systems 6000 m² / Aluminium Panel Systems 1600 m²



REFERENCES

aluminium facade company
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BAYILBAY RESIDENCE



PROJECT DETAILS

Architect: Mauro Lipparini Architecture in Florence

Location: Baku / Azerbaijan

Contractor: DDLAR GROUP

Fabricator: Polatoglu Metal Co. Inc.

System: Schueco

Completed: April 2019

Total Square Footage: 26,550 m2



REFERENCES

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BAKU AQUATICS CENTRE



PROJECT DETAILS

Architect: Pujol Arquitectura

Location: Baku / Azerbaijan

Contractor: DDLAR GROUP

Fabricator: Polatoglu Metal Co. Inc.

System: Schueco

Completed: April 2015

Total Square Footage: 20,500 m²

Aluminium Silicone Systems 7940 m²

Aluminium Door & Window Systems 560 m²

Aluminium Composite Panel Systems 1500 m²

Stainless Steel 316Li & Glass Balustrade Systems 4500 m²

Steel Construction Works 1500 ton



GENCLIK RESIDENCE

**PROJECT DETAILS**

Location: Baku / Azerbaijan

Contractor: DDLAR GROUP

Fabricator: Polatoglu Metal Co. Inc.

Completed: July 2016

Total Square Footage: 22,500 m²



LIMON RESTORAN
LIGHT HOUSE SEA BREEZE
BAKU SHOOTING CENTER



PROJECT DETAILS

Location: Baku / Azerbaijan

Fabricator: Polatoglu Metal Co. Inc.

Total Square Footage: 6,560 m²



PROJECT DETAILS

Location: Baku / Azerbaijan

Contractor: Terra Struc

Fabricator: Polatoglu Metal Co. Inc.

Completed: September 2019

Total Square Footage: 5,470 m²



PROJECT DETAILS

Location: Baku / Azerbaijan

Contractor: DDLAR GROUP

Fabricator: Polatoglu Metal Co. Inc.

System: Schueco

Completed: September 2015

Total Square Footage: 25,580 m²



BRAVO MARKET 20 YANVAR BRAVO MARKET AIRPORT



PROJECT DETAILS

Location: Baku / Azerbaijan
Contractor: AGT Construction
Fabricator:
Polatoglu Metal Co. Inc.
Completed: August 2017
Total Square Footage: 8,380 m²



PROJECT DETAILS

Location: Baku / Azerbaijan
Contractor: FORM VARIETY
North West Construction
Fabricator:
Polatoglu Metal Co. Inc.
Completed: March 2019
Total Square Footage: 3,223 m²





BRAVO MARKET TAHİR 97 PROJECT DETAILS

Location: Baku / Azerbaijan
Contractor: Pasha Construction
Fabricator: Polatoglu Metal Co. Inc.
System: Schueco
Completed: August 2018



YENI GUNESLI BRAVO MARKET PROJECT DETAILS

Location: Baku / Azerbaijan
Contractor: North West Construction
Fabricator: Polatoglu Metal Co. Inc.
Completed: August 2019



OASIZ BRAVO MARKET PROJECT DETAILS

Location: Sumqayit / Azerbaijan
Contractor: North West Construction
Fabricator: Polatoglu Metal Co. Inc.
Completed: March 2019



ROAD TO RAZIN BRAVO MARKET PROJECT DETAILS

Location: Baku / Azerbaijan
Contractor: North West Construction
Fabricator: Polatoglu Metal Co. Inc.
Completed: March 2019





NOBEL BRAVO MARKET PROJECT DETAILS

Location: Baku / Azerbaijan
Contractor: North West Construction
Fabricator: Polatoglu Metal Co. Inc.
Completed: August 2021



SUMQAYIT BRAVO MARKET PROJECT DETAILS

Location: Sumqayit/ Azerbaijan
Contractor: North West Construction
Fabricator: Polatoglu Metal Co. Inc.
Completed: August 2022



SHEMKIR BRAVO MARKET PROJECT DETAILS

Location: Semkir / Azerbaijan
Contractor: North West Construction
Fabricator: Polatoglu Metal Co. Inc.
Completed: August 2020



LOKBATAN BRAVO MARKET PROJECT DETAILS

Location: Lokbatan/ Azerbaijan
Contractor: North West Construction
Fabricator: Polatoglu Metal Co. Inc.
Completed: March 2021





OFFICE BUILDING OF STAR CEMENT PROJECT DETAILS

Location: Sumqayit / Azerbaijan
Contractor: Star Cement Plant
Fabricator: Polatoglu Metal Co. Inc.
Completed: March 2015



LINK BUILDING OF CRYSTAL HALL PROJECT DETAILS

Location: Baku / Azerbaijan
Contractor: DDLAR GROUP
Fabricator: Polatoglu Metal Co. Inc.
System: Schueco
Completed: April 2015



SHOOTING CENTER BAKU HOTEL BUILDING PROJECT DETAILS

Location: Baku / Azerbaijan
Contractor: DDLAR GROUP
Fabricator: Polatoglu Metal Co. Inc.
System: Schueco
Completed: April 2015



SG PALACE BILGEH PROJECT DETAILS

Location: Baku / Azerbaijan
Contractor: Private
Fabricator: Polatoglu Metal Co. Inc.
System: Schueco
Completed: April 2016





VOLKSWAGEN SHOWROOM

PROJECT DETAILS

Location: Baku / Azerbaijan
Contractor: North West Construction
Fabricator: Polatoglu Metal Co. Inc.
Completed: 2019



DREAMLAND SHOPPING CENTER - SKYLIGHT

PROJECT DETAILS

Location: Baku / Azerbaijan
Contractor: Azersun Holding
Fabricator: Polatoglu Metal Co. Inc.
Completed: April 2016



THE CLUB PORT BAKU

PROJECT DETAILS

Location: Baku / Azerbaijan
Contractor: Pasha Construction
Fabricator: Polatoglu Metal Co. Inc.
Completed: April 2017



QAZAX MUELLIMLER SEMINARIYASI

PROJECT DETAILS

Location: Qazax / Azerbaijan
Contractor: Ada Universiteti
Fabricator: Polatoglu Metal Co. Inc.
Completed: April 2023



FACTORY

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elumatec

DOUBLE MITRE SAW DG 104



Description

The optimal double mitre saw for series production as well as for special applications
The universal pivoting and tilting of both saw units allows cutting of high and wide profiles as well as every type of compound mitre.
Consequently, many profiles can be cut without support blocks
External-dimension cuts possible for all cutting variants. Consequently, no complicated length calculations are necessary.
This is a big advantage when cutting special angles
Pivoting range with digital angle display
Safety hoods
Equipped with saw blades as standard
Equipped with digital display E 111 as standard
Pulsed coolant system

Technical specifications

Minimum cutting length at 90° 350 mm
Minimum cutting length tilted at 45° 350 mm
Pivoting range inwards 90° - 45°
(up to 22.5° manual with digital display)
Tilting range inwards pneumatically 90° - 45°
For cutting range, see cutting diagram
Saw blade diameter 420 mm
Saw blade speed 2,800 rpm
Power supply 230/400 V, 3~, 50 Hz
Power output per motor 4 kW
Compressed air supply 7 bar
Air consumption per working cycle 40 l without spraying, 64 l with spraying



elumatec

NOTCHING SAW AKS 134/00

Description

Variable notching possibilities for mullion and transom combinations, e.g. for curtain walls, conservatories, sky lights, and special designs. Precise and safe notching is ensured because the workpiece is fixed and only the saw units move. Both saw units are adjusted in height simultaneously by means of a hand wheel (analogue display on the hand wheel)
 The cutting depth is set using an analogue display. Manual angle adjustment of the saw blades using a digital display of the tilting angles
 Support table with compound slide and pivoting back fence is manually adjustable for optimal use of the cutting range. The angle of the pivoting back fence is shown on a digital display. Horizontal and vertical profile clamping
 Automatic working cycle at a 90° pivoting angle (two-hand control when cutting special angles) Hydro-pneumatic saw feed

NOTCHING SAW AKS 134/10

See AKS 134/00, however:

Equipped with a 4-axis controller for automatic adjustment of the horizontal and vertical saw blades for angle cutting, as well as for height adjustment and notching depth. Values from design drawings can be entered directly via the keyboard.



elumatec**END MILLING MACHINE AF 223/01****Description**

For routing transoms and door profiles made of aluminium or PVC
 Large cutting range of up to 400 mm
 Continuously adjustable table height
 Automatic work sequence
 Tool diameters of up to 280 mm can be used
 The material stop can be pivoted up to 70° to the left and right.
 Notching up to 30° (acute angles, left and right). Detent at 90° with index pin.
 Two installation positions for the material stop
 With quick tool change system and "Spindle Lock" for easy tool changing
 Precise, smooth-action and low-wear recirculating ball guides
 Horizontal and vertical pneumatic material clamping provides flexibility
 Depth stop for four different notching depths
 Pulsed coolant system

Options

Extraction system
 4-fold turret stop for table height
 Digital display
 Router
 High performance cutting fluid

**elumatec****CORNER CRIMPER EP-120****Description**

For pressing profiles with a height of up to 68 mm
 Extremely high pressing force due to large-volume bellows cylinder (maintenance free)
 The machine is easy to adjust and operate
 Counter bearing can be positioned pneumatically, mechanical locking
 Support arms and pressing blades included as standard

Options

Additional support
 Special pressing blade



SCHÜCO
ISOMAT 5**ISOMAT 5**

For rolling the Schüco AWS and Schüco ADS system profile as well as special profiles and V8 components together with the insulating bars and for rolling down the angles on various profiles from the Schüco facade and skylight constructions.

We reserve the right to make changes to dimensions and designs in the interests of technical progress. Illustrations may differ from the original and/or contain options which would incur an additional charge.

Operating speed: 34m/min
Monitoring speed: -
Adjustment of rollers: different roller





ND442L - PANEL 3 +1 AXIS CNC MACHINING



Description

CNC 3 + 1 axis milling, 3 axes (X, Y, Z) and tool change axis (C) are fully CNC controlled; Aluminum composite, aluminum profile, plexiglass, compact laminate and stainless steel panels on all kinds of joint opening, sizing, milling, drilling operations; All kinds of angular and circular processes are applied on the panels. It works with standard 2D CAD CAM graphics and optimization software, but instead of this software, 3D CAD CAM graphics and optimization software can be installed in the system.



CERTIFICATE

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CERTIFICATE

NAVIGA CERTIFICATION

ISO 9001:2008 Quality Management System

POLATOGLU METAL ANONIM SIRKETI

Headquarters:Nispetiye Mah. Uygur Is Merkezi Bulvarı Gazi Gunçar Sokak No.4/9 Besiktas İSTANBUL,
Branch:Binagadi Baksol Arazisi 1 BAKU, AZERBAIJAN

In accordance with NAVIGA procedures, it's hereby certified that the above company applies a management system in line with the above standard for the following scope.

Scope

PROJECTING, MANUFACTURING AND INSTALLATION OF ALUMINUM WALL AND JOINERY SYSTEMS, INSULATIONS (HEAT, WATER AND NOISE INSULATION), STAINLESS STEEL CONSTRUCTIONS, MANUFACTURING AND INSTALLATION OF MECHANICAL EQUIPMENTS, CONTRACTING OF CONSTRUCTIONS, AIR CONDITIONING, ELECTRICITY AND AUTOMATION, TURN-KEY INDUSTRIAL PLANTS.

Report No : 16QE0150
Certificate Reg. No: 1640168

This certification has been completed according to NAVIGA's audit and certification procedures and is valid until surveillance audit (03.03.2017).

Certification Body
NAVIGA ULUSLARARASI BEGELENDİRME VE EĞİTİM HİZ. LTD. ŞTİ.
İstanbul, 16.03.2016

İşbu sertifika, Naviga'nın belgelendirme prosedürü ve talimatlarına, yukarıdaki standartların gerekliliklerine uyulduğu sürece, yukarıdaki adreste ve kapsam dahilinde geçerlidir.
NAVIGA ULUSLARARASI BEGELENDİRME VE EĞİTİM HİZMETLERİ LTD. ŞTİ.
Menşepazarı Kat:11 Çiçe 48 Marşı 34019 / İSTANBUL
Tic. Sic. No: 271248 / 98 98 Fax: 0212 482 84 24 www.naviga.com.tr - info@naviga.com.tr

CERTIFICATE

NAVIGA CERTIFICATION

ISO 14001:2004 Environmental Management System

POLATOGLU METAL ANONIM SIRKETI

Headquarters:Nispetiye Mah. Uygur Is Merkezi Bulvarı Gazi Gunçar Sokak No.4/9 Besiktas İSTANBUL,
Branch:Binagadi Baksol Arazisi 1 BAKU, AZERBAIJAN

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Report No : 16QE0150
Certificate Reg. No: 1643169

This certification has been completed according to NAVIGA's audit and certification procedures and is valid until surveillance audit (03.03.2017).

Certification Body
NAVIGA ULUSLARARASI BEGELENDİRME VE EĞİTİM HİZ. LTD. ŞTİ.
İstanbul, 16.03.2016

İşbu sertifika, Naviga'nın belgelendirme prosedürü ve talimatlarına, yukarıdaki standartların gerekliliklerine uyulduğu sürece, yukarıdaki adreste ve kapsam dahilinde geçerlidir.
NAVIGA ULUSLARARASI BEGELENDİRME VE EĞİTİM HİZMETLERİ LTD. ŞTİ.
Menşepazarı Kat:11 Çiçe 48 Marşı 34019 / İSTANBUL
Tic. Sic. No: 271248 / 98 98 Fax: 0212 482 84 24 www.naviga.com.tr - info@naviga.com.tr

CERTIFICATE

NAVIGA CERTIFICATION

OHSAS 18001:2007 Occupational Health And Safety Management System

POLATOGLU METAL ANONIM SIRKETI

Headquarters:Nispetiye Mah. Uygur Is Merkezi Bulvarı Gazi Gunçar Sokak No.4/9 Besiktas İSTANBUL,
Branch:Binagadi Baksol Arazisi 1 BAKU, AZERBAIJAN

In accordance with NAVIGA procedures, it's hereby certified that the above company applies a management system in line with the above standard for the following scope.

Scope

PROJECTING, MANUFACTURING AND INSTALLATION OF ALUMINUM WALL AND JOINERY SYSTEMS, INSULATIONS (HEAT, WATER AND NOISE INSULATION), STAINLESS STEEL CONSTRUCTIONS, MANUFACTURING AND INSTALLATION OF MECHANICAL EQUIPMENTS, CONTRACTING OF CONSTRUCTIONS, AIR CONDITIONING, ELECTRICITY AND AUTOMATION, TURN-KEY INDUSTRIAL PLANTS.

Report No : 16QE0150
Certificate Reg. No: 1644170

This certification has been completed according to NAVIGA's audit and certification procedures and is valid until surveillance audit (03.03.2017).

Certification Body
NAVIGA ULUSLARARASI BEGELENDİRME VE EĞİTİM HİZ. LTD. ŞTİ.
İstanbul, 16.03.2016

İşbu sertifika, Naviga'nın belgelendirme prosedürü ve talimatlarına, yukarıdaki standartların gerekliliklerine uyulduğu sürece, yukarıdaki adreste ve kapsam dahilinde geçerlidir.
NAVIGA ULUSLARARASI BEGELENDİRME VE EĞİTİM HİZMETLERİ LTD. ŞTİ.
Menşepazarı Kat:11 Çiçe 48 Marşı 34019 / İSTANBUL
Tic. Sic. No: 271248 / 98 98 Fax: 0212 482 84 24 www.naviga.com.tr - info@naviga.com.tr

CERTIFICATE

TÜV AUSTRIA

Management System as per EN ISO 9001 : 2008

In accordance with TÜV AUSTRIA procedures, it is hereby certified that

POLATOGLU METAL ANONIM SIRKETI
Headquarters: Nispetiye Mah. Uygur Is Merkezi Bulvarı Gazi Gunçar Sokak No.4/9 Besiktas
304 30 İSTANBUL, TURKEY
Branch: Binagadi Baksol Arazisi 1 AZ1053 BAKU, AZERBAIJAN

Applies a Quality Management System in line with the above Standard for the following Scope

PROJECTING, MANUFACTURING AND INSTALLATION OF ALUMINUM WALL AND JOINERY SYSTEMS, INSULATIONS (HEAT, WATER AND NOISE INSULATION), STAINLESS STEEL CONSTRUCTIONS, MANUFACTURING AND INSTALLATION OF MECHANICAL EQUIPMENTS, CONTRACTING OF CONSTRUCTIONS, AIR CONDITIONING, ELECTRICITY AND AUTOMATION, TURN-KEY INDUSTRIAL PLANTS.

Certificate Registration No: 010160154

Certification Body at TÜV AUSTRIA
Athens, 2016-03-21

This certification was conducted in accordance with TÜV AUSTRIA auditing and certification procedures and is subject to regular surveillance audits. The surveillance audits are mandatory for the re-issue of the certificate.

TÜV AUSTRIA HELLAS
426, Menegon Ave,
GR-153 43 Athens, Greece
www.tuv.austria.gr

CERTIFICATE

TÜV AUSTRIA

Management System as per EN ISO 14001 : 2004

In accordance with TÜV AUSTRIA procedures, it is hereby certified that

POLATOGLU METAL ANONIM SIRKETI
Headquarters: Nispetiye Mah. Uygur Is Merkezi Bulvarı Gazi Gunçar Sokak No.4/9 Besiktas
304 30 İSTANBUL, TURKEY
Branch: Binagadi Baksol Arazisi 1 AZ1053 BAKU, AZERBAIJAN

Applies an Environmental Management System in line with the above Standard for the following Scope

PROJECTING, MANUFACTURING AND INSTALLATION OF ALUMINUM WALL AND JOINERY SYSTEMS, INSULATIONS (HEAT, WATER AND NOISE INSULATION), STAINLESS STEEL CONSTRUCTIONS, MANUFACTURING AND INSTALLATION OF MECHANICAL EQUIPMENTS, CONTRACTING OF CONSTRUCTIONS, AIR CONDITIONING, ELECTRICITY AND AUTOMATION, TURN-KEY INDUSTRIAL PLANTS.

Certificate Registration No: 04016045

Certification Body at TÜV AUSTRIA
Athens, 2016-03-21

This certification was conducted in accordance with TÜV AUSTRIA auditing and certification procedures and is subject to regular surveillance audits. The surveillance audits are mandatory for the re-issue of the certificate.

TÜV AUSTRIA HELLAS
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GR-153 43 Athens, Greece
www.tuv.austria.gr

CERTIFICATE

TÜV AUSTRIA

Management System as per OHSAS 18001 : 2007

In accordance with TÜV AUSTRIA procedures, it is hereby certified that

POLATOGLU METAL ANONIM SIRKETI
Headquarters: Nispetiye Mah. Uygur Is Merkezi Bulvarı Gazi Gunçar Sokak No.4/9 Besiktas
304 30 İSTANBUL, TURKEY
Branch: Binagadi Baksol Arazisi 1 AZ1053 BAKU, AZERBAIJAN

Applies an Occupational Health & Safety Management System in line with the above Standard for the following Scope

PROJECTING, MANUFACTURING AND INSTALLATION OF ALUMINUM WALL AND JOINERY SYSTEMS, INSULATIONS (HEAT, WATER AND NOISE INSULATION), STAINLESS STEEL CONSTRUCTIONS, MANUFACTURING AND INSTALLATION OF MECHANICAL EQUIPMENTS, CONTRACTING OF CONSTRUCTIONS, AIR CONDITIONING, ELECTRICITY AND AUTOMATION, TURN-KEY INDUSTRIAL PLANTS.

EA Scope / Risk category: 17.2 & 18.1 & 28.2 & 34.1 / C
Certificate Registration No: 03016032

Certification Body at TÜV AUSTRIA
Athens, 2016-03-21

This certification was conducted in accordance with TÜV AUSTRIA auditing and certification procedures and is subject to regular surveillance audits. The surveillance audits are mandatory for the re-issue of the certificate.

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CERTIFICATES

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