



LEADING MANUFACTURER OF  
GLASS PRODUCTS IN UKRAINE



# ABOUT COMPANY

**Glass Team is a leading manufacturer of glass products in Ukraine.**

We always continue to invest into innovations and modernization of production.

The distinctive feature of our company is the use of **high quality materials** and components in the production. This enables the product to meet the high requirements on quality that have repeatedly been confirmed in the performance of large and complex projects.

In 2015 we introduced a unique product - **heating insulated glazing**, which can not only compensate the heat losses but also become an alternative to traditional heating system

Our main asset is a team of skilled professionals, whose priority is to ensure a high level of customer service and **individual approach to each client.**

We will be glad to cooperate with you and implement your projects efficiently and on time!





# PRODUCTS



## ARCHITECTURAL IGU'S

(size up to 2700x4000 mm)

- Standard glazing
- Structural glazing
- With tempered glass (any type of coating)
- With laminated glass
- With warm spacer



## LAMINATED GLASS

(size up to 2600x4400 mm)

- With 2 or 3 tempered glasses with EVA interlayer between
- Total thickness is up to 30mm



## TEMPERED GLASS

(size up to 2400x4200 mm)

- ESG/TVG
- thickness of glass is up to 19 mm
- any type of coating
- HST (Heat Soak Test)
- with cutouts(cuttings), drillings of any shape and complexity
- GLASS with ceramic colored coating (Emalia)



## INNOVATIVE PRODUCTS

- heating glazing
- self-supporting «hard»glazing

WORKSHOP FOR THE GLASS PRODUCTS PRODUCTION



# REFERENCE PROJECTS



## BC «MERX»

Lejpoziska street, 15-V., Kyiv, Ukraine

In the project been used double glazing with warm spacers, high selective toughened glass with Heat Soak Test Sun Guard SN 70/41 HT (Guardian), low emission laminated glass.

### FACTS ABOUT THE PROJECT

|                           |                |                           |  |
|---------------------------|----------------|---------------------------|--|
| <b>5000 m<sup>2</sup></b> | <b>2015 y.</b> | <b>2014 y.</b>            | <b>200 days</b>                                    |
| IGUs produced             | Project launch | Completion (of the works) | Implementation time (Took time for implementation) |



## BC «YAROSLAVSKAYA 58»

Yaroslavskaya str., 58, Kyiv, Ukraine

To implement the project been used double glazing on the basis of multifunctional architectural glass Sun Guard HP Silver 43/31 (Guardian). For the second stage of the project is used warm spacer Chromatech Ultra to improve the thermal characteristics.

### FACTS ABOUT THE PROJECT

|                           |                |                           |  |
|---------------------------|----------------|---------------------------|--|
| <b>4000 m<sup>2</sup></b> | <b>2015 y.</b> | <b>2016 y.</b>            | <b>120 days</b>                                    |
| IGUs produced             | Project launch | Completion (of the works) | Implementation time (Took time for implementation) |



## BC «SIGMA»

Lepse Blvd., 6, Kyiv, Ukraine

For the project we made, structural glazing with high selective toughened glass Sun Guard SN 51/28 HT (Guardian) as well as standard glazing on the basis of solar control glass - Sun Guard Solar Light Blue 52 (Guardian).

### FACTS ABOUT THE PROJECT

|                           |                |                           |  |
|---------------------------|----------------|---------------------------|--|
| <b>3000 m<sup>2</sup></b> | <b>2013 y.</b> | <b>2014 y.</b>            | <b>250 days</b>                                    |
| IGUs produced             | Project launch | Completion (of the works) | Implementation time (Took time for implementation) |



## «THE H-TOWER» COMPLEX

Taras Shevchenko Blvd., 28-30, Kyiv, Ukraine

For the project been made the standard, semi-structural and structural glazing with highly selective toughened glass Sun Guard SN 62/34 HT (Guardian) with sound control laminated glass. Special bullet-proof laminated glass (bullet-proof multilayer certified triplexes) have been used for the glazing of the presidential suites.

### FACTS ABOUT THE PROJECT

**10000 m<sup>2</sup>**

IGUs produced

**2012 y.**

Project launch

**2013 y.**

Completion  
(of the works)

**400 days**

Implementation  
time (Took time  
for implemen-  
tation)

## Shopping mall «BLOCKBUSTER MALL»

Moskovskiy avenue, 34, Kyiv, Ukraine

(For the implementation of the «atrium» and «entrance») In this project been used structural double glazing with multifunctional architectural glass 8 Sun Guard HP Silver 43/31 (Guardian) and triplex of two heat-strengthened glasses (one of them was TopN+T). IGUs were (in) complicated non-rectangular shapes.

### FACTS ABOUT THE PROJECT

**2000 m<sup>2</sup>**

IGUs produced

**2015 y.**

Project launch

**2016 y.**

Completion  
(of the works)

**100 days**

Implementation  
time (Took time  
for implemen-  
tation)

## SUMY MALL

Kultyri street, 8, Kharkov, Ukraine

For this project, the client ordered double glazing with multifunctional architectural glass 8 Sun Guard SN 62/34 HT (Guardian) using Heat Soak Test.

### FACTS ABOUT THE PROJECT

**2500 m<sup>2</sup>**

IGUs produced

**2013 y.**

Project launch

**2014 y.**

Completion  
(of the works)

**100 days**

Implementation  
time (Took time  
for implemen-  
tation)



# REFERENCE PROJECTS



## CLUB HOUSE «ARTHALL»

Vorovskogo str., 21, Kyiv, Ukraine

To implement the project was used the highly selective tempered glass Stopray Vision 60T (AGC) and energy-saving tempered glass Planibel G fas T (AGC), with warm spacers.

### FACTS ABOUT THE PROJECT

|                           |                |                           |  |
|---------------------------|----------------|---------------------------|--|
| <b>3000 m<sup>2</sup></b> | <b>2013 y.</b> | <b>2014 y.</b>            | <b>90 days</b>                                     |
| IGUs produced             | Project launch | Completion (of the works) | Implementation time (Took time for implementation) |



## OBOLON RESIDENCES COMPLEX

The second stage of the project. Obolonskiy Avenue, 26, Kyiv, Ukraine

For this project, we have made double glazing with multifunctional architectural glass Planitherm 4Seasons II (Saint Gobain), laminated glass 44.1 Top N + (AGC) and warm spacer Chromatech Ultra.

### FACTS ABOUT THE PROJECT

|                           |                |                           |  |
|---------------------------|----------------|---------------------------|--|
| <b>3000 m<sup>2</sup></b> | <b>2015 y.</b> | <b>2016 y.</b>            | <b>100 days</b>                                    |
| IGUs produced             | Project launch | Completion (of the works) | Implementation time (Took time for implementation) |



## «TETRIS HALL» RESIDENTIAL COMPLEX

Dymytrova Str. / Henri Barbusse Str., Kyiv, Ukraine

For the project been made the standard and structural double glazing with highly selective multifunctional architectural glass 8 Sun Guard Super Neutral 70/41 HT (Guardian) using Heat Soak Test. Warm spacer Chromatech Ultra was used to improve the thermal characteristics of glazing.

### FACTS ABOUT THE PROJECT

|                           |                |                           |  |
|---------------------------|----------------|---------------------------|--|
| <b>5000 m<sup>2</sup></b> | <b>2015 y.</b> | <b>2015 y.</b>            | <b>120 days</b>                                    |
| IGUs produced             | Project launch | Completion (of the works) | Implementation time (Took time for implementation) |





## «CENTRAL PARK» RESIDENTIAL COMPLEX

Ivana Kudri Str., 7, Kyiv, Ukraine

In this project was used double glazing on the basis of external tempered solar control glass Stopsol Phoenix Clear (AGC).

### FACTS ABOUT THE PROJECT

**3000 m<sup>2</sup>**

IGUs produced

**2015 y.**

Project launch

**2015 y.**

Completion  
(of the works)

**100 days**

Implementation  
time (Took time  
for implemen-  
tation)



## PECHERSKY COMPLEX

Strutynskogo street, 2, Kyiv, Ukraine

To implement the project were used double glazing with highly selective multifunctional toughened architectural glass Planibel Energy NT (AGC), energy-saving glass Planibel Top N + T (AGC).

### FACTS ABOUT THE PROJECT

**8000 m<sup>2</sup>**

IGUs produced

**2012 y.**

Project launch

**2013 y.**

Completion  
(of the works)

**350 days**

Implementation  
time (Took time  
for implemen-  
tation)



## «ROYAL TOWER» RESIDENTIAL COMPLEX

Antonovycha street, 34B, Kyiv, Ukraine

In this project was used double glazing on the basis of energy-saving tempered glass Climaguard Premium T (Guardian).

### FACTS ABOUT THE PROJECT

**4000 m<sup>2</sup>**

IGUs produced

**2015 y.**

Project launch

**2015 y.**

Completion  
(of the works)

**150 days**

Implementation  
time (Took time  
for implemen-  
tation)



more than  
**300 000 m<sup>2</sup>**  
OF MANUFACTURED PRODUCTS

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**10 000 m<sup>2</sup>**  
glass products  
capacity per month

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more  
than **5 000 m<sup>2</sup>**  
of production area

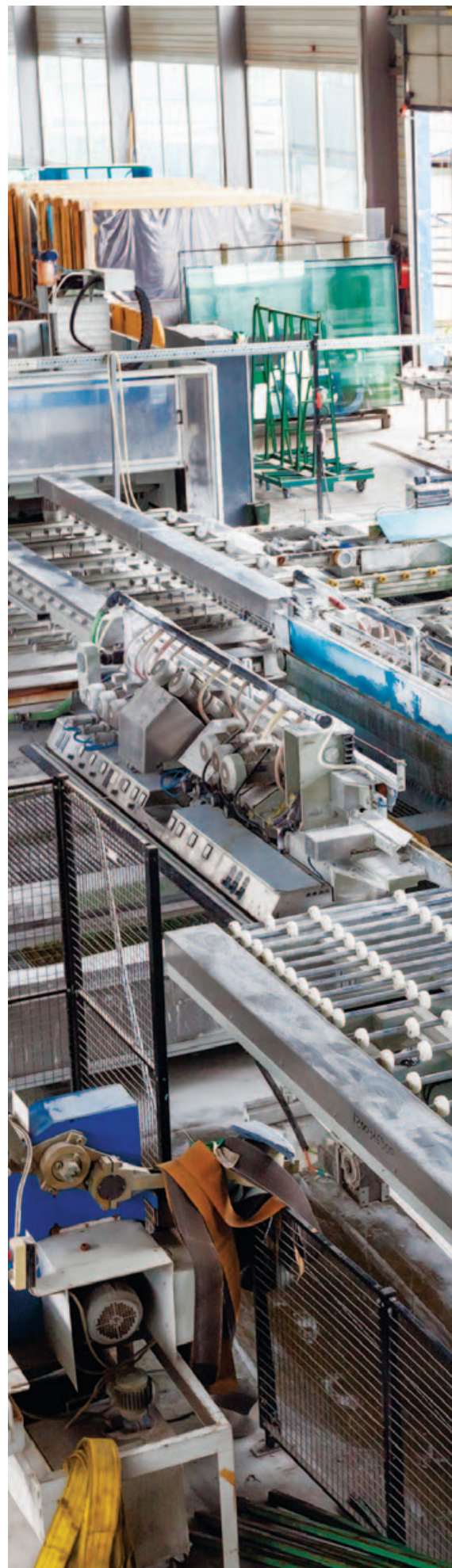
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**1 000**  
IMPLEMENTED  
PROJECTS

**100**  
HIGHLY SKILLED  
PROFESSIONALS

**500  
tons**  
glass storage capacity  
(up to 35 000 m<sup>2</sup>)

**10**  
vehicles with carrying  
capacity from **1.5**  
to **20 tons** (including  
manipulator)





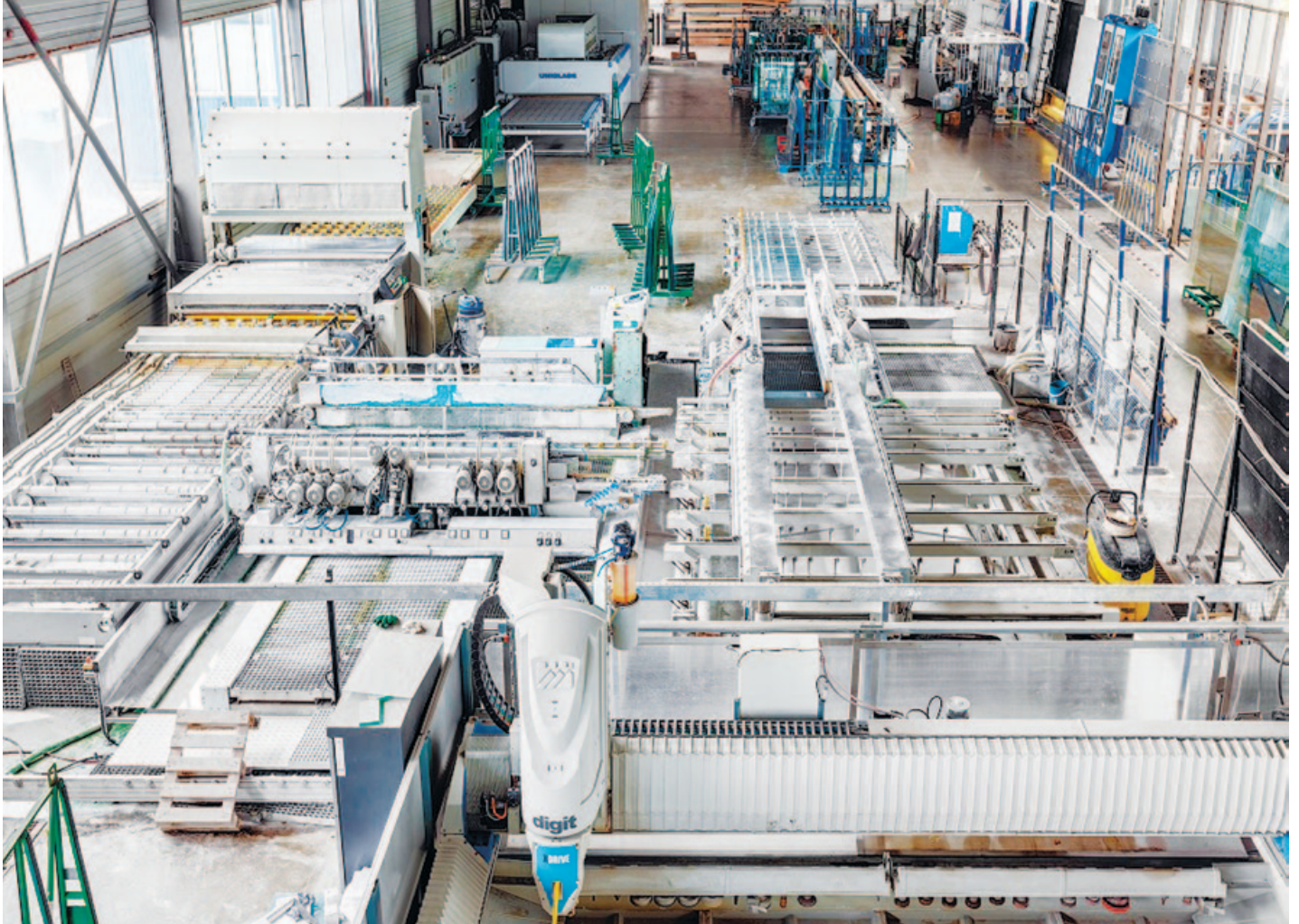
AUTOMATIC MACHINE FOR DOUBLE-SIDED EDGING OF GLASS





# GLASS PRODUCTION EQUIPMENT

- Automated warehouse of glass **MISTRELLA (Italy)**  
Warehouse capacity 35 000 m<sup>2</sup> of Jumbo formats glass
- 2 automatic glass and triplex cutting tables **GFPm (Italy)**
- Double-Edge treatment line: grinding, polishing, beveling **BAVELLONI (Italy)**
- Multifunctional processing center **DENVER (Italy)**
- Automatic line for production of laminated glass **LAMINATE GLASS OVEN (Ukraine)**  
Maximum dimensions: 2600x4400 mm
- Horizontal glass tempering furnace **UNIGLASS (Finland)**  
Maximum dimensions: 2400x4200 mm
- Ceramic roller painting line **Giardina (Italy)**
- **PUJOL (Spain)** for making Heat Soak Test
- Automatic IGU's assembling line, **BYSTRONIC (Germany)**.  
Maximum dimensions: 2700x4000 mm. Double and triple glazing units with thicknesses of up to 62 mm, any geometric shape





# ELECTRICALLY HEATING GLAZING HEAT GLASS

# 0%

HEAT LOSSES THROUGH  
THE WINDOW APERTURE

40 W/m<sup>2</sup>

ENERGY CONSUMPTION IN  
«COMFORT» MODE

150 W/m<sup>2</sup>

ENERGY CONSUMPTION IN  
«HEATING» MODE

## 250 W

ENERGY CONSUMPTION FOR  
ROOM HEATING (10-12 m<sup>2</sup>)

### «COMFORT» MODE

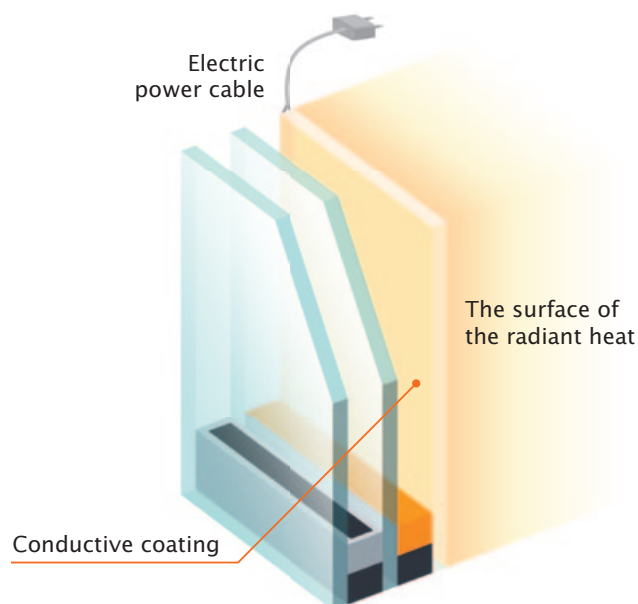
|                                       |       |
|---------------------------------------|-------|
| Energy consumption, W/ m <sup>2</sup> | 40    |
| Heating temperature of glass, °C      | 20-25 |

- Compensates inefficient work of the main heating systems
- Reduce heat losses through the window aperture

### AREA OF USE

▪ **Residential and commercial facilities of any type.** Application of Heat Glass is possible both during the construction of the new object, as well as a replacement for the usual, the already installed, double glazing. In stalkationg of the product will not only allow to avoid the heat losses, but also to improve the traditional heating system.

▪ **Restaurants and summer terraces.** Electrically heating glazing will help to solve the problem of many restaurants, “what we should do with the terraces during the winter?”. This product allows you to increase the usable area of premises and use the terrace all year long.



Heating glazing can not only compensate the heat losses in buildings, but also can become an alternative to traditional heating system.

### «HEATING» Mode

|                                       |       |
|---------------------------------------|-------|
| Energy consumption, W/ m <sup>2</sup> | 150   |
| Heating temperature of glass, °C      | 40-50 |

- Is an alternative for main heating system
- Minimize energy costs for room heating

### BENEFITS

Reducing of heat  
losses through the  
window aperture

Solving the problem  
of condensation  
on the IGU

Low power  
consumption

Increasing the  
comfort zone

Quick installation

Using only  
tempered glass



# LIST OF REFERENCE PROJECTS

## RESIDENTIONAL COMPLEX

### Kyiv

- «Tetris Hall»  
**5 000 m<sup>2</sup>**
- «Royal Tower»  
**4 000 m<sup>2</sup>**
- «Central Park»  
**3 000 m<sup>2</sup>**
- «ARTHALL»  
**3 000 m<sup>2</sup>**
- «Obolon Residences»  
**3 000 m<sup>2</sup>**
- «Pechersky»  
**8 000 m<sup>2</sup>**
- «RiverStone» stage 2  
**4 000 m<sup>2</sup>**
- «Ostrovsky, 40»  
**2 000 m<sup>2</sup>**
- Club house Tarasovskaya  
**1 000 m<sup>2</sup>**

## COMMERCIAL PROJECTS

### Kyiv

- BC «Yaroslavskaya 58»  
**4 000 m<sup>2</sup>**
- BC «Eridon»  
**1 000 m<sup>2</sup>**
- BC «Sigma»  
**3 000 m<sup>2</sup>**
- BC «Merx»  
**4 000 m<sup>2</sup>**

## HOTELS

### Kyiv

- «The H-Tower»  
**10 000 m<sup>2</sup>**

## CAR SHOWROOMS AND GAS STATIONS

### Kyiv, Kharkiv, Odessa

- Network auto «Infiniti», «Porsche», «Volvo», «Nissan», «Acura»  
**4 800 m<sup>2</sup>**

### Odessa, Zhytomyr, Kremenchug

- «SOCAR» gas station network  
**1 100 m<sup>2</sup>**

## SHOPPING AND ENTERTAINMENT CENTERS

### Kyiv, Kharkiv, Odessa

- «Blockbuster Mall»  
**2 000 m<sup>2</sup>**
- «Sumy mall»  
**2 500 m<sup>2</sup>**
- «New Way»  
**1 500 m<sup>2</sup>**

### Lviv

- «Forum»  
**3 500 m<sup>2</sup>**

### Vinitsa

- «Podolje City»  
**1 000 m<sup>2</sup>**



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