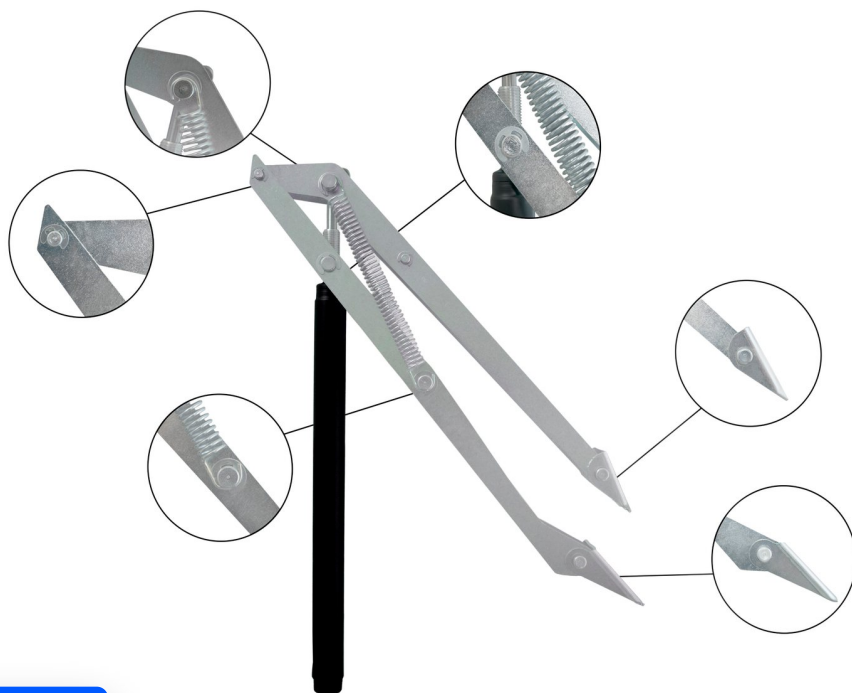


 **MANUFACTURER · SERBIA · WORLDWIDE DELIVERY**

# Automatic greenhouse openers, **straight from the factory**

Window and door openers for greenhouses, machined, assembled and stocked at our own facility. For distributors and greenhouse manufacturers around the world.



**WINDOW OPENER · 20 KG**

**50.000+** sets  
ANNUAL CAPACITY

**7**  
CNC STAR LATHES

**350** m<sup>2</sup>  
PRODUCTION FLOOR

**6+** yrs  
PRECISION  
MACHINING

**2** yrs  
WARRANTY ON EVERY  
SET

MADE ENTIRELY IN-HOUSE

## From turned parts to a finished product

CNC Metalworking Augustus is a family-owned CNC manufacturer in Mačvanska Mitrovica, Serbia. We started with precision turning. The opener came out of that experience: a product where the quality of the machined cylinder decides whether the whole thing works, season after season.

Today the complete set is made under one roof. The cylinder, the mechanism and the fixings are machined and assembled here, which keeps the specification stable and lets us answer technical questions directly. Our customers are distributors and greenhouse manufacturers. Most of them started with a single sample set in their own greenhouse.



**50.000+**

sets per year capacity

**350 m<sup>2</sup>**

production floor

**7**

CNC STAR lathes, 1 to 20 mm

**6+**

years in precision machining



WHY BUY DIRECT

## What you get when you buy from the factory



### Made entirely in-house

Mechanism and cylinder are both machined and assembled at our facility. No third-party cylinders, no surprises between batches.



### Stock ready for the season

We produce through the off-season so that sets are on the shelf when your buying season starts in January.



### Free sample first

You test the opener in your own greenhouse before you commit to a quantity. No cost, no obligation.



### Consistent quality

Certified European materials, measured tolerances and an inspection of every set before packing. Production runs under an ISO 9001 certified quality system.



### A direct line to production

Your questions go to the people who make the product. Changes, packaging, labelling: we can talk it through.



### Worldwide delivery

We ship pallet quantities anywhere in the world, on terms agreed for the whole season.

PRODUCT 01

# Automatic window opener

20 kg 45 cm 65 mm 16–30 °C Easy Clip

Heat-driven opener for greenhouse roof and side windows. No electricity, no batteries, Easy Clip mounting in seconds.

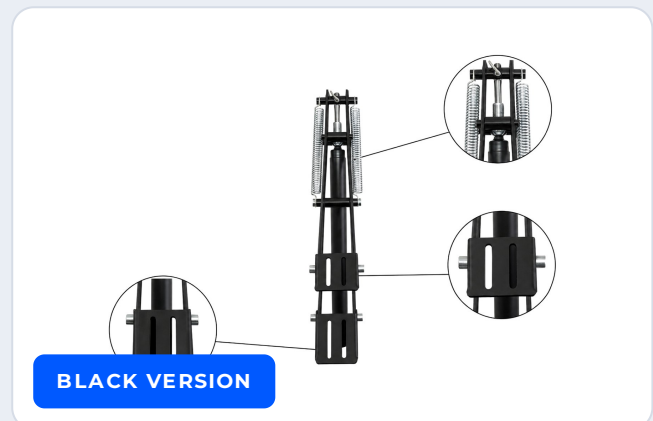
The opener uses a heat-driven cylinder: as the air inside the greenhouse warms up, the cylinder expands and lifts the window; as it cools, the window closes. It starts to open at around 16 °C and is fully open at 30 °C, so ventilation follows the temperature without anyone touching it.

A double-arm spring mechanism gives it a lifting force of up to 20 kg, enough for heavier polycarbonate and glass windows. The Easy Clip system mounts and removes the opener in seconds and fits a wide range of greenhouse frames.

Built from zinc-coated steel for year-round outdoor use. Every set is inspected before packing and covered by a 2-year manufacturer's warranty.

## Technical specifications

|                 |                            |
|-----------------|----------------------------|
| Lifting force   | up to 20 kg                |
| Maximum opening | 45 cm                      |
| Cylinder stroke | 65 mm                      |
| Operating range | 16–30 °C                   |
| Power           | none, heat-driven cylinder |
| Material        | zinc-coated steel          |
| Finish          | zinc or black              |
| Mounting        | Easy Clip, no tools        |
| Warranty        | 2 years                    |



Two versions: same mechanism and specifications, listed as separate items in the price list.

## Key features

### Starts at 16 °C, open at 30 °C

Ventilation follows the temperature automatically.

### 20 kg lifting force

Handles heavier windows with margin to spare.

### Mounts in seconds

Easy Clip fixing, fits most frame profiles.

### Zinc-coated steel

Corrosion resistant, built for years outdoors.



## PRODUCT 02

# Automatic door opener

30 kg

90°

110 mm

18-35 °C

Built for greenhouse doors and larger vents. Opens to 90°.

The door opener works on the same principle as the window opener, with a stronger cylinder and a longer stroke. It responds between 18 °C and 35 °C, pushing the door open as the greenhouse warms and closing it as the temperature drops.

With a force of up to 30 kg and a 110 mm stroke it opens the door to 90°, which gives the fastest heat release on hot days. It is designed for heavier doors and larger openings where a window opener would not be enough. Zinc-coated steel construction, quick mounting on most greenhouse door frames, 2-year manufacturer's warranty.

## Technical specifications

|                 |                            |
|-----------------|----------------------------|
| Force           | up to 30 kg                |
| Maximum opening | 90°                        |
| Cylinder stroke | 110 mm                     |
| Operating range | 18-35 °C                   |
| Power           | none, heat-driven cylinder |
| Material        | zinc-coated steel          |
| Warranty        | 2 years                    |



Cylinder, pivot joint and slotted mounting bracket



Spring anchored on the bracket bolt



Threaded piston rod, 110 mm stroke

## PRODUCT 03

# Replacement cylinder

20 kg

65 mm

16–30 °C

Universal heat-driven cylinder for any automatic greenhouse opener.

The cylinder is the heart of every automatic opener and the part that eventually needs replacing. Ours fits every opener on the market, which makes it a practical spare for distributors and a service item for greenhouse owners.

It delivers up to 20 kg of force with a 65 mm stroke and activates between 16 °C and 30 °C. The body is machined from aluminium and the piston from stainless steel, then finished in black.

We make the cylinders ourselves, on the same lathes as the rest of the opener, so specifications are the same from batch to batch.

## Technical specifications

|                 |                         |
|-----------------|-------------------------|
| Force           | up to 20 kg             |
| Stroke          | 65 mm                   |
| Operating range | 16–30 °C                |
| Body            | aluminium, black finish |
| Piston          | stainless steel         |
| Compatibility   | all automatic openers   |
| Warranty        | 2 years                 |

### Fits every opener

A universal replacement, whatever opener you run.

### Made in-house

Machined on our own lathes, same spec every batch.

### Aluminium and stainless

Light, corrosion resistant, built for outdoor use.

### 16–30 °C activation

Matches the window opener exactly.



**CONTRACT MANUFACTURING**

# Turned parts and laser cutting for your own products

The same lathes that make our openers are available for contract work. Send a drawing, a 3D model or a sample part and we will quote it.



## CNC turning

Seven CNC STAR automatic lathes produce turned parts from 2 to 20 mm in diameter from bar stock: steel, stainless, brass and aluminium. Typical parts are connectors, spacers, fittings, bushings, pins, screws, nuts and shafts, in series from hundreds to hundreds of thousands.

- Diameter 2 to 20 mm, bar-fed automatic lathes
- Tolerances measured and documented per batch
- Repeat orders run from the same program, same result

## Fiber laser cutting

Sheet metal parts cut by fiber laser in steel, aluminium and brass. Clean edges that usually need no further finishing, complex contours and fine detail. Price depends on the number of piercings, the material and the sheet thickness.

- Steel, aluminium, brass sheet
- Smooth edges, minimal post-processing
- From single pieces to series



## Surface protection

Finished parts can be delivered with the coating your application needs:

**Zinc  
plating**

**Anodizing**

**Passivation**

**Blackening**

**Chrome  
plating**

 HOW WE WORK

# Test it before you order.

We send a free sample set to distributors and greenhouse manufacturers. Mount it, run it through a season, then talk quantities and prices with us directly.

**1****Request a sample**

Tell us which product and where to ship it. The sample set is free, no obligation.

**2****Test it in your greenhouse**

Mount it, watch it work through warm and cool days. Ask us anything technical along the way.

**3****Get the price list**

Prices are fixed for the whole season, so you can plan your own pricing without surprises.

**4****Order and receive**

Confirm your season quantities. We ship pallet quantities worldwide, from stock or from scheduled production.

## Ready for a sample?

Write to [info@cncaugustus.com](mailto:info@cncaugustus.com) with your company name, country and the product you want to test.

[info@cncaugustus.com](mailto:info@cncaugustus.com) CONTACT**ADDRESS**

Svetislava Damjanovića 26  
22202 Mačvanska Mitrovica, Serbia

**EMAIL · WEB**

[info@cncaugustus.com](mailto:info@cncaugustus.com)  
[www.cncaugustus.com](http://www.cncaugustus.com)

**PHONE**

+381 65 9946547

**WORKING HOURS**

Monday to Friday, 08:00–16:00 (CET)