



**PYROSOLUTION**

**CATALOG**

OUR PHILOSOPHY // PRODUCTS



# PYROSOLUTION

YOUR PYRO GEAR SUPPLIER

**The most revolutionary racking system for pyrotechnics!**

## ABOUT THE PRODUCT

This brand-new Pyrosolution racking system aims to become the new standard for the pyrotechnical industry.

Pyrosolution is a patented system developed by Gear Supplies in collaboration with the pyrotechnical knowledge of the Fuego-Fireworks team. *[Registered under No. 008596662-0001]*

This revolutionary system is engineered for the assembly of single shot tubes in the pyrotechnical industry, tailored for users of visualization software. Setting up your display in a multidirectional and highly accurate configuration has never been easier!

The Pyrosolution system is impact resistant, durable and easy to use. This will be a significant money saving system due its versatility, no more heavy equipment, easy to store and transport.

### The ultimate investment for pyrotechnics

- » **Cost saving**
- » **Easy to use**
- » **Multidirectional**
- » **High sustainable**
- » **Impact resistant**
- » **Non-flammable**

**Highly accurate angles adjustable from -90 till +90 degrees in 5-degree increments.**

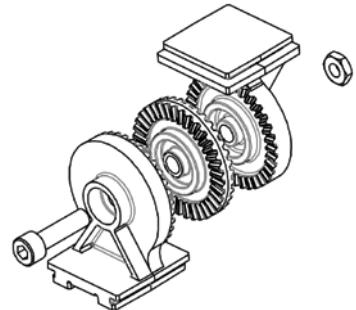
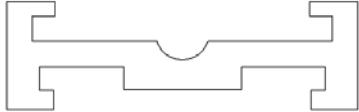
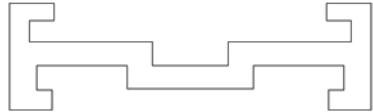
### Suitable for single shot tubes produced by:

- » **Ricasa**
- » **Ultratec**
- » **Weco**
- » **Vulcan**
- » **Pyrogenie**
- » **Europa**
- » **Parente**
- » **Heron**

The following amount of effects fit in the standard 450mm sliders:

20mm	16 pieces
30mm	13 pieces
40mm	9 pieces
50mm	7 pieces

## Product elements



Pyrosolution Basic Slider [A]

compatible with:

- Ricasa
- Ultratec
- Weco
- Pyrogenie
- Vulcan

Pyrosolution Slider [B]

compatible with:

- Europla
- Parante
- Pyrogenie
- Heron

Pyrosolution Adapter

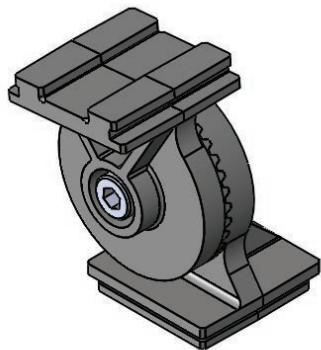
The pyrosolution product exists out of 2 main elements, the Pyrosolution slider, and the Pyrosolution adapter. Together these two elements create unlimited possibilities when designing your pyro show!

## Adapter and its angles

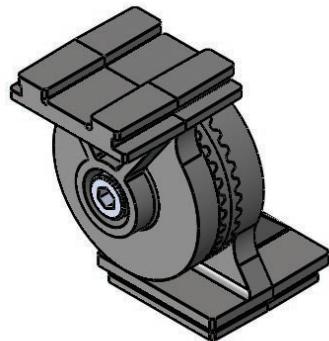
The adapter consists of three parts: –the bottom part, –the top part and –the rotation adapter.

By using the bottom and top part only, you create angles with an offset by 5 degrees.

For configurations by 10 degrees you need to place the rotation adapter in between.

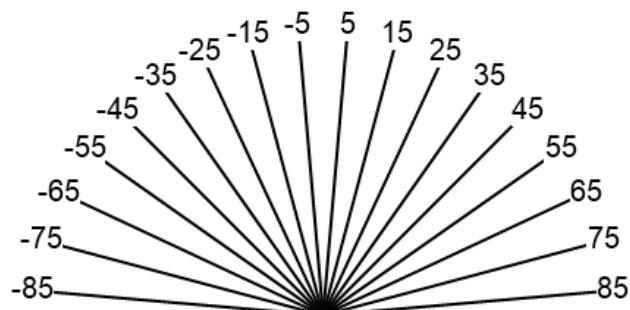


Adapter without adapter ring

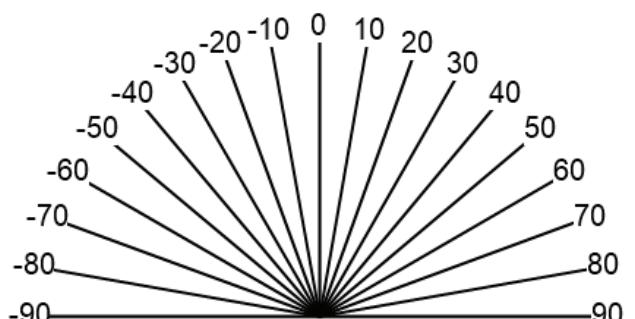


Adapter with adapter ring

The loose rotation adapter is to guarantee the strength of the teeth when firing large calibers at a wide angle.



Angles without adapter ring

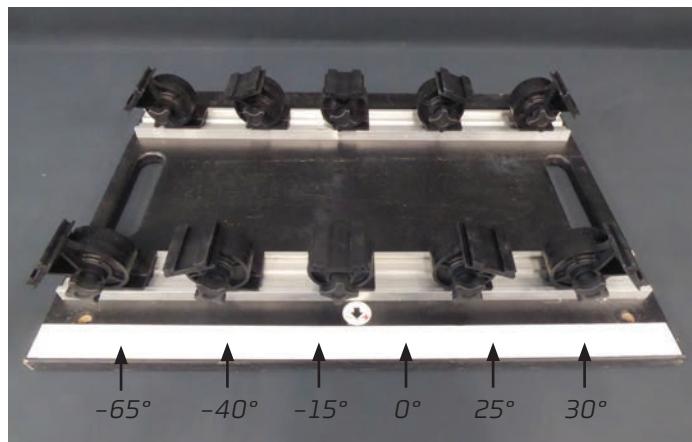


Angles with adapter ring

## Quick setup guide



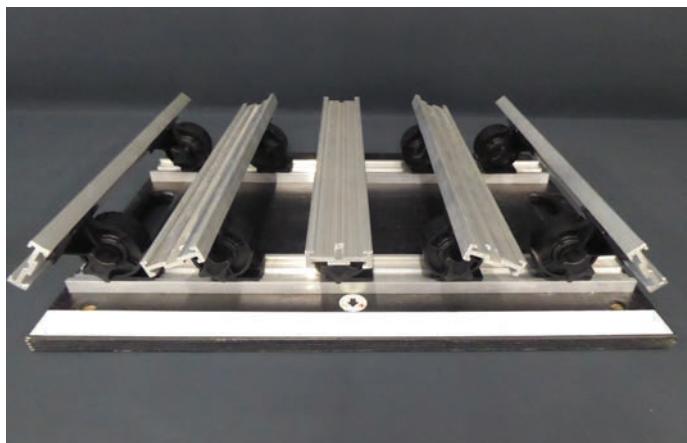
1. Start using two Pyrosolution Base Sider A profiles to start. It's recommended to mount these two profiles on a plate.



2. Adjust the adapters to the preferred angles and slide the adapters in the base profiles.

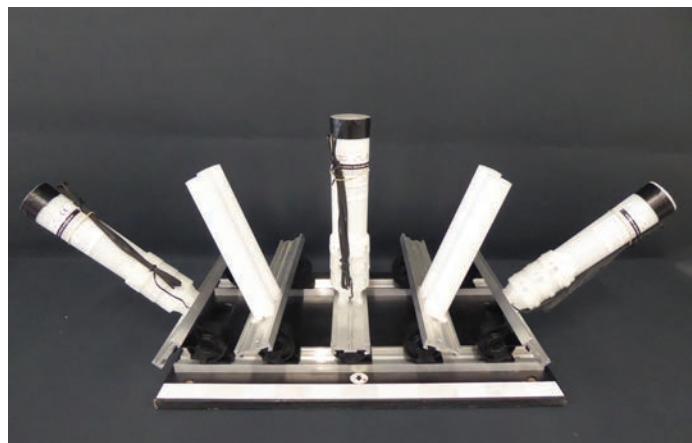
2.1 When using the additional knob screw, you can easily configure your pyrosolution adapters.

Attention! Rotation adapter needed for angles by 10 degrees.  
No rotation adapter needed for angles by 5 degrees



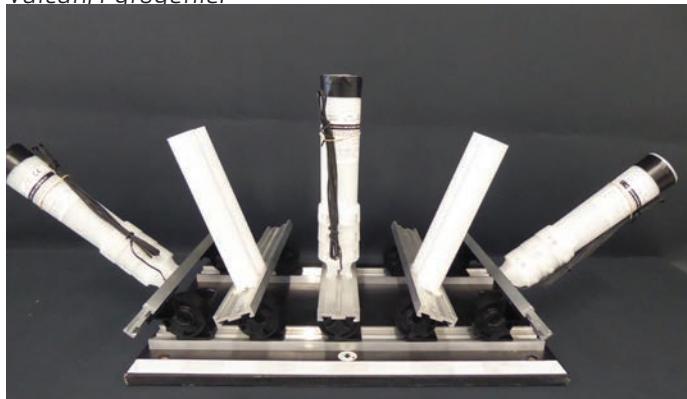
3. Choose the right profiles according the producer of your singleshots.

3.1 Slider A is compatible for Ricasa, Ultratec, Weco, Vulcan, Purogenie.



4. Slide the aluminium effect profiles on top of the adapters

4.1 If you are shooting bigger calibers in slider A mount the 3th angle device in the middle of the effect slider when mounting the sliders.



5. Place the single shot effects in the effect sliders.



6. Ready to connect at your firing system.



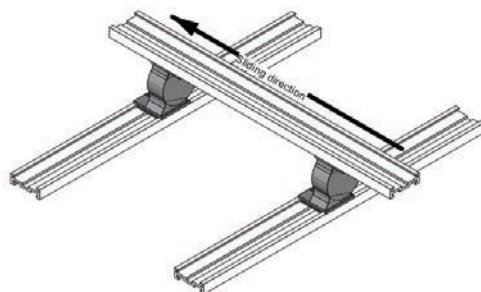
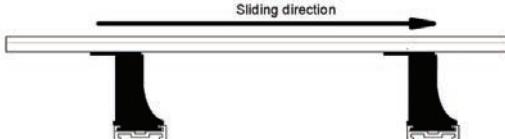
IMPORTANT

Pyrosolution slides are not suitable for shooting 48mm bombettes or 60mm mines or calibers above this size with only two adapters. This can cause deformation of the effect slide. Therefor we recommend a 3rd base-slide with extra adapter for these calibers.

## Usefull tips & accessoires

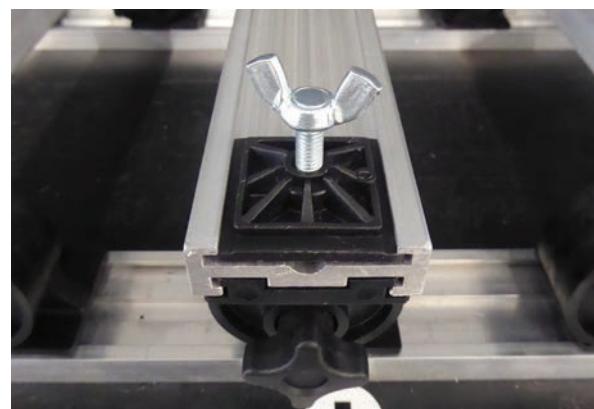
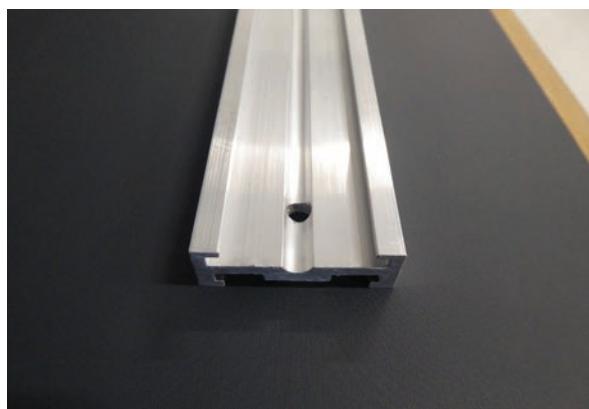
### Easy slide

- Use a little bit PTFE spray to ensure the sliders slide easily over the adapters.
- Keep your slides clean, sand and dust declines the sliding ability.
- Slide the sliders from the side of the bolt over the adapters (recommended slide direction)



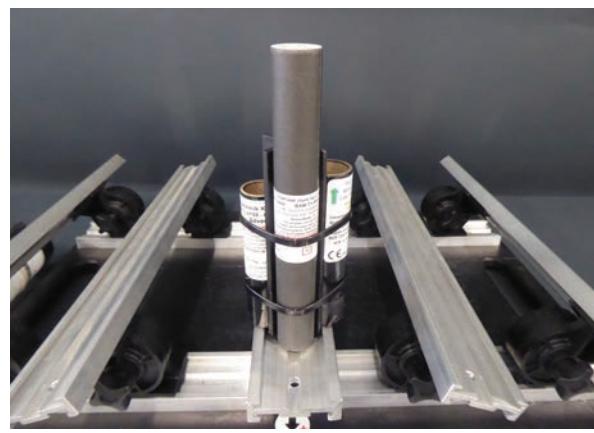
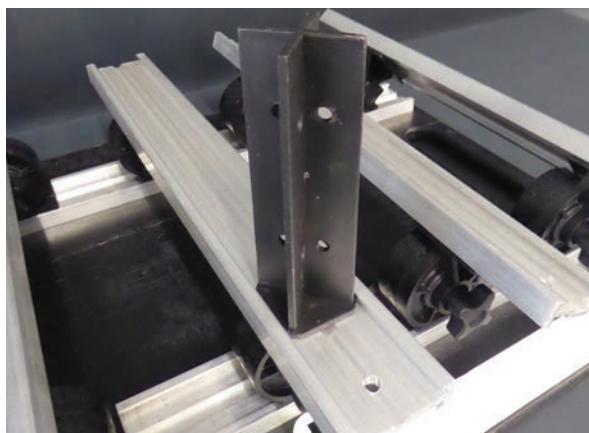
### Securing the sliders on the adapters

- Make a hole in the end of the slider and secure your effect slider with an effect stopper.



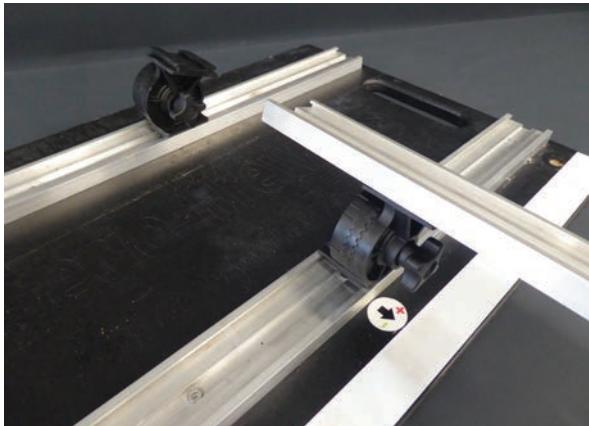
### Make pyrosolution suitable for every effect

- You can use an X-Holder in de pyrosolution slider to mount other effects.

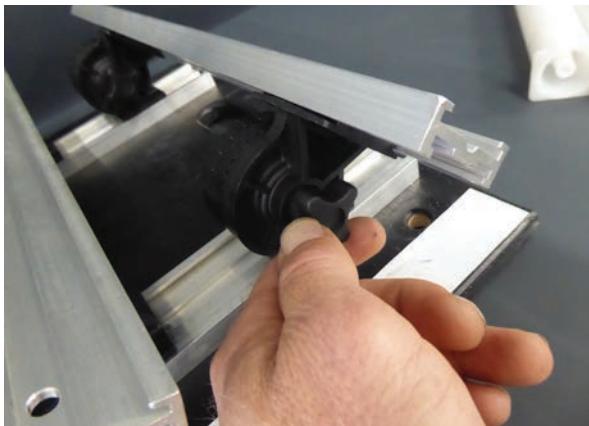


**Usefull tips & accessories****Support for heavy calibers (above 40mm)**

- To prevent bending of the effectslider A when using big caliber effects.
  - Place a third angle adapter in the middle of the effectslide in the same angle as your setup
  - Place the small basic slider A under the third adapter.

**Setup without tools**

- To build your pyro setup without any tools, we recommend you to use the Knob Screw for easy adjustment.



# PYROSOLUTION

Unlimited and highly accurate

*Pyrosolution is the ultimate pyrotechnical invention ever made for single shot users! By purchasing this system, we have been able to save a lot of space in storage and time in preparation and implementation. Pyrosolution connects seamlessly to Finale 3D software, what we are using to design shows. Just one product what's usable for all the angles you prefer. So no longer being limited by fixed degree angles. Due to the compact adapters, many different angles can be mounted at one position which works very efficient. The additional knob screw is definitely recommended, adjusting the adapters without tools works really fast. The system is very solid, effects fits perfectly, works easy and in really safe to use.*

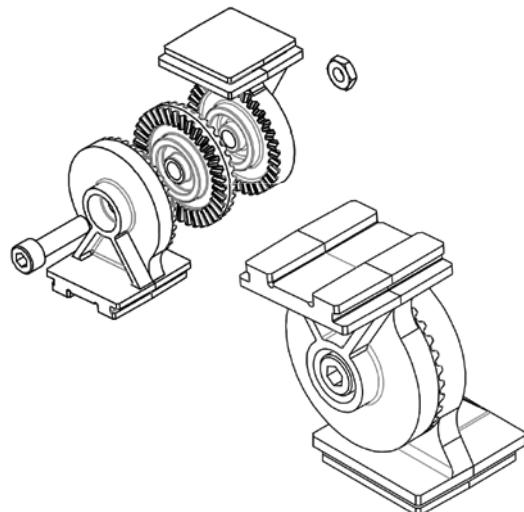
*We are very euphoric to be a Pyrosolution user, The best investment ever!*

## Technical specifications

### SET: PYROSOLUTION ANGLE DEVICE -|- 24 PCS.

A set of the Pyrosolution angle device exists of:

» 24x Hinge Male	» 24x Hexagon Bolt M8
» 24x Hinge Female	» 24x M8 Washer
» 24x Rotation Adapter	» 24x M8 Hex Nut



To tighten the bolt use allen key 6

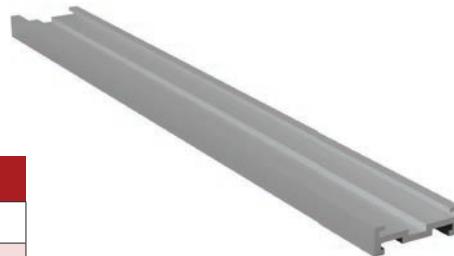
## PYROSOLUTION SLIDERS

A set of the Pyrosolution sliders exists of::

- » 24x Pyrosolution sliders in 1 box.

### Technical Specifications slider A

Material:	Aluminium
Weight per piece:	291 gram per piece [450mm]
Dimensions:	46,3 x 13,65mm L 450mm
Content Packaging unit:	24 Pcs
Nett Weight Sales Unit:	6984 gram
Gross Weight Sales Unit:	7122 gram



### Technical Specifications slider B

Material:	Aluminium
Weight per piece:	370 gram per piece [450mm]
Dimensions:	49 x 15mm L 450mm
Content Packaging unit:	24 Pcs
Nett Weight Sales Unit:	8880 gram
Gross Weight Sales Unit:	7122 gram



Different lengths on request

### Pyrosolution heavy caliber support slider small

Material:	Aluminium
Weight per piece:	30 gram
Dimensions:	46,3 x 13,65mm L 45mm
Content Packaging unit:	24 Pcs
Nett Weight Sales Unit:	720 gram
Gross Weight Sales Unit:	750 gram

**OPTIONAL: KNOB SCREW**

» No allen key needed when using the Knob screw.

**Technical Specifications**

Material:	Thermoplast – Steel
Weight per piece:	22 gram per piece
Dimensions:	31,8 x 53,5mm
Content Packaging unit:	24 Pcs
Nett weight Sales unit:	528 grams





Gear supplies accepts no liability for any damage or injury of any kind resulting from the risks inherent by using the Pyrosolution system.

Gear Supplies  
Tel +31 (0)297 360731  
Bank: NL64 RABO 0357 6499 31

Aalsmeerderweg 241-6  
E: [info@gearsupplies.nl](mailto:info@gearsupplies.nl)  
Chamber of Commerce 78380480

1432CM Aalsmeer, Netherlands  
W: [www.gearsupplies.nl](http://www.gearsupplies.nl)  
VAT: NL86 1368861 B01