



**INDUSTRIAL AND  
SCIENTIFIC SOLUTIONS**

## Our Company and its Strengths

About our company and what we believe in to help our customers.

www.fluidxasia.com

### Company History

FluidX is a leading distributor of industrial products and services across Asia. Focused on service and quality, our goal is to be the premier provider of these products and services to our customers.

FluidX was established in Salt Lake City, Utah - USA in the year 2003 and quickly became the leading distributor of vacuum pump products in the intermountain west and across North America.

In the year 2017 FluidX was incorporated in Thailand to better serve our customer base in the Asia region with local knowledge and fast delivery times to guarantee customer satisfaction.

### What we Believe in

**Hands-on mentality:**

Our people support you with technical experience and a hands-on mentality to ensure you choose the right product or service matching your requirements.

**Fast delivery times:**

We keep large stock quantities of most of our products to ensure fast delivery times for what you need, when you need it, at a fair price.

**Service oriented:**

Even if certain products or services are not standard available, we still do our best to help our customers to find the right solution or refer them to one of our partners.



# Vacuum Pump Products

Products and accessories to customize and maintain your vacuum pump systems.



## Vacuum Pump Fluids

- Vacuum pump oils engineered to perform and provide ultimate protection from wear that causes pump repairs and pump failures



## Vacuum Pump Service Kits

- Vacuum pump service kits which include all minor kit components plus vanes, springs and plugs



## Oil Mist Eliminators and Cartridges

- To prevent oil mist from escaping the exhaust of oil sealed rotary vane vacuum pumps



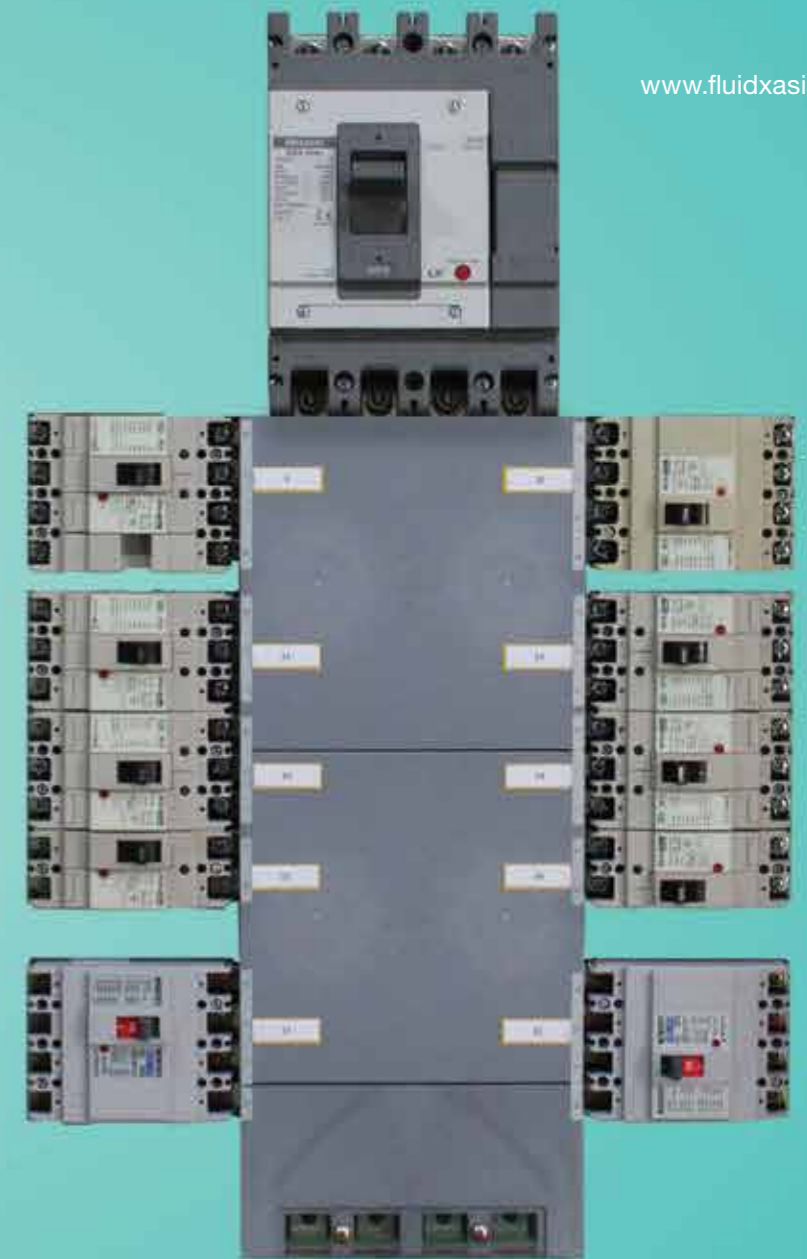
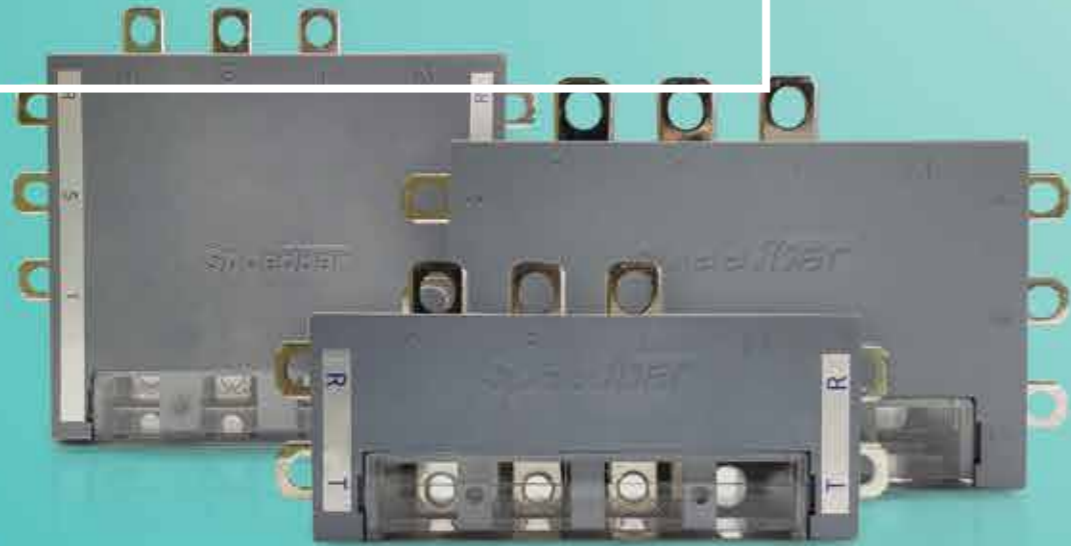
## Vacuum Fittings and Valves

- Over 100 vacuum valves and fittings available which are used in wide ranging solutions in vacuum industrial applications and UHV research areas



# Electrical Power Distribution

An innovative way for electrical power distribution that replaces traditional busbar systems.



## Internal Power Distribution

### Busbar

### Speedbar

- With traditional busbar systems it's not possible to make branch breaker phases (R, S, T, N) symmetrical
- Speedbar makes it possible to have symmetrical right and left connections while remaining compact in size



## Comparison

### Busbar

### Speedbar

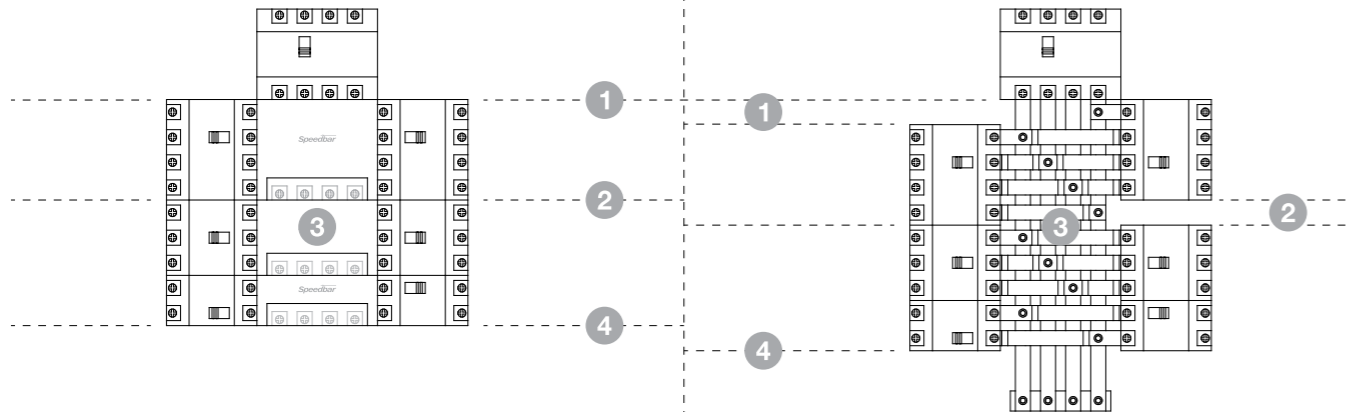
Comparison	Busbar	Speedbar
Installation Tools	Special Tools Required	Standard Screwdriver
Required Time for One Cabinet	8 Hours Average	30 Minutes Average
Structural Changes Afterwards	Impossible	Possible
Adding Additional Breakers	Impossible	Possible
Error Rate	Small to Medium	None to Small
Technical Skills	Advanced	Beginner
Safety Level	Risk of elec. shock, fire, ...	No risk involved



Speedbar Power Distributor

Traditional Busbar System

Safe and Effective Power Distribution



- In traditional busbar panel board design it's not possible to make phases (R, S, T, N) symmetrical.
- Speedbar makes symmetrical design possible, reducing the required size of the cabinet box.
- Speedbar is made out of fire resistant materials, (Fire resistant ABS and 10% glass) and the use of Zn coating and Cu terminals prevents oxidation.

Easy and Fast to Assemble (30 minutes)

Symetrical design possible	1	Symetrical design not possible
Compact design, no gaps between breakers	2	Requires more space, gaps between breakers
Easy assembly, no special tools required	3	Requires skills, special tools required
Easy to add breakers after installation		Difficult to add breakers after installation
Assembly time around 30 minutes	4	Assembly time around 8 hours
None to small error rate		Small to medium error rate
No risk of fire or electrocution		Risk of fire or electrocution



01. Main Breaker



02. Connect Speedbar Block



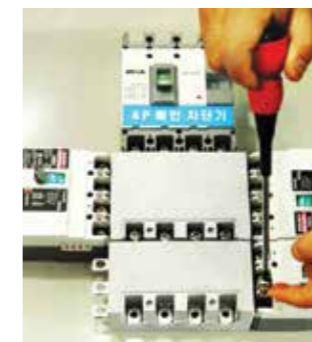
03. Connect Right Breaker



04. Connect Left Breaker



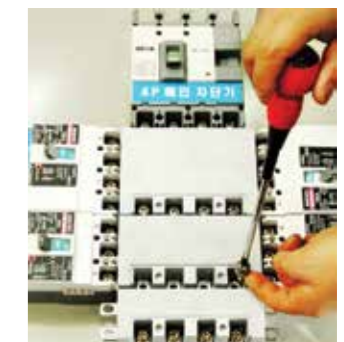
05. Connect Speedbar Block



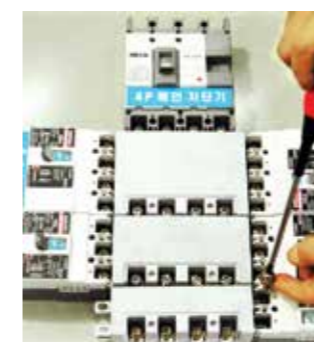
06. Connect Right Breaker



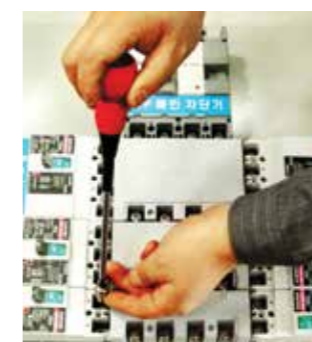
06. Connect Left Breaker



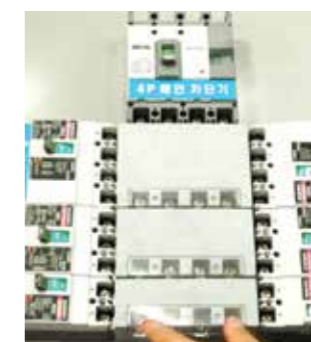
06. Connect Speedbar Block



06. Connect Right Breaker



06. Connect Left Breaker



06. Place Covers



06. Finished Assembly

**To build traditional busbar panel boards, experience is required. They also pose a risk for fire and electrocution, and are prone to oxidation. Speedbar solves these problems.**

# Machine Vision Products

A wide range of products and accessories for machine vision applications.



## Illumination

- Ring
- Dome
- Diffuse
- Spot
- Coaxial



- Bar
- Line
- Multi Angle
- Ultra Violet
- High Power
- IP-Protection



## Lenses

- CCTV
- Object Side Telecentric
- Line Scan



## Accessories

- Extender Lenses
- Close-up Rings
- Prism Adapters
- Optical Parts
- Filters





# Industrial Parts Cleaning Services

We use a fluidized bed cleaning method which leaves no abrasion, corrosion or material loss.



## Fiber Production

- Distributor Plates
- Filter Elements
- Mixers
- Spinning Pumps
- Spin Packs
- Spinnerets



## Polymer Extrusion

- Housings
- Extrusion Heads
- Die Plates
- Melt Pumps
- Breaker Plates



## Film Production

- Die Plates
- Distributors
- Filters
- Mixers
- Screws
- Screw Elements

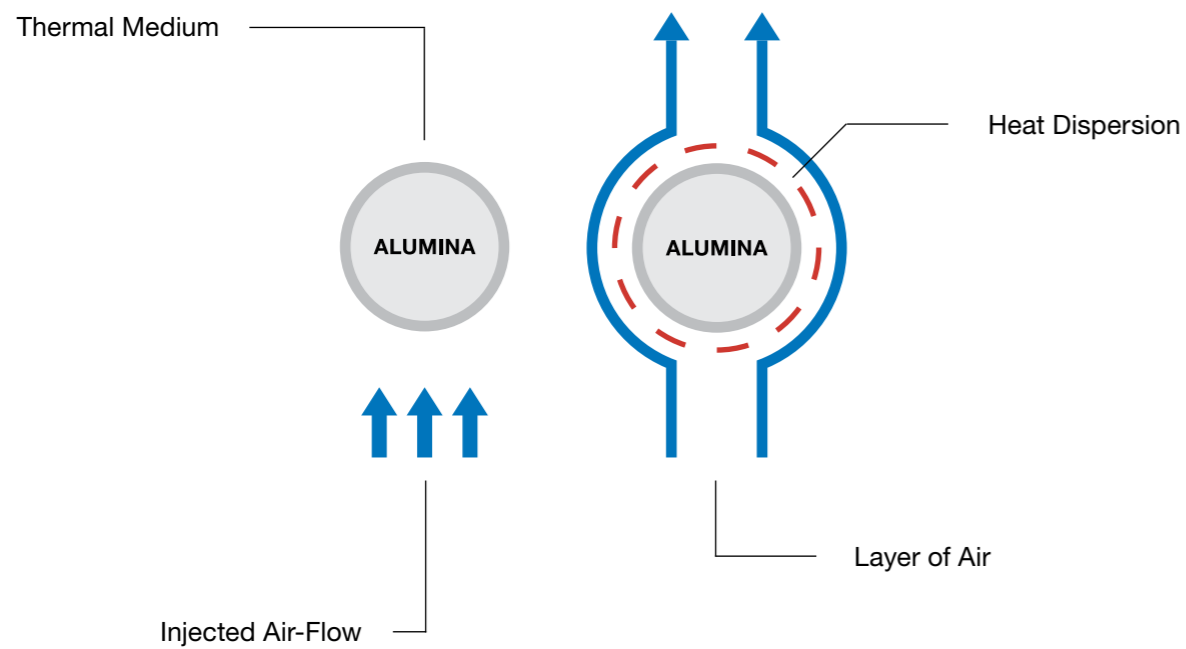


## Injection Moulding

- Dies
- Hot Runners
- Needle Valves
- Nozzles



# How does a fluidized bed cleaning system work?



**When air gets injected at the bottom of the reactor the solid particles of the thermal medium separate and take on a state of fluidization.**

**Heat will disperse between the solid particles and contamination on the part will be removed without the use of any chemicals or other liquids.**

# Why choose FluidX for your industrial parts cleaning?

- ✓ No Abrasion      No physical impact on the cleaned parts and tools.
- ✓ No Corrosion      No use of toxic chemicals resulting in corrosion.
- ✓ No Material Loss      Possible to remove residue without any material loss.
- ✓ Fast Cleaning      Only 30 to 60 minutes per cleaning process.

**Removing polymers, powder coatings, oil contamination and other materials has always been difficult with traditional cleaning methods.**

**With our fluidized bed cleaning method we can guarantee no corrosion, abrasion or material loss on your industrial parts.**



**FLUIDX ASIA CO., LTD.**

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