

# Newsletter



[www.a2zfiltration.com](http://www.a2zfiltration.com)

## Invitation

*A2Z Filtration Specialities would like to invite you to our Stand No. C3 at Filtech 2018 from March 13-15, 2018 in Cologne, Germany.*

## NEWS

*Both the facilities of A2Z Filtration Specialities has been awarded with ISO 9001:2015 certified by **TUV SUDDEUTSCHLAND**.*

**A2Z continues to play a key role in the development of new products for the Filtration Market as a supplier of Special purpose filter manufacturing and testing equipment.**

In over 15 years of business, A2Z has sold over 1400 machines covering a wide range of filter manufacturing processes. Given our experience with wide range of processes in filter manufacturing, A2Z is able to offer unique customer centric solution's to produce filters with newly developed technologies and increasing performance. This consolidates our position as a complete solution provider to the filtration Industry.

A2Z Filtration Specialities offers complete turnkey solutions for Filter manufacturers which make A2Z as one stop shop for their complete requirements of filter manufacturing and testing equipment and components.

A2Z Filtration's design team works closely with the design & development team at the customer end - to generate concepts, General arrangement drawings, and offer various options to meet the customer needs.

After detailed discussions involving the study of customer processes, input specification, capacity and changeover requirements, needs of automation, A2Z comes up with acceptable solutions and provide Fit to Purpose production lines. Some of the popular equipment and production lines are Intelligent Blade Pleaters up to 3 metres (118"), Servo Rotary pleaters, Mini Pleat Lines, Cabin Air Filter lines, Panel Filter Lines, Hydraulic filter lines, Automatic Seaming lines, Automatic Gasket feeding lines, Side Framing Machine, Seam seal equipment- (metal, hot melt, ultrasonic), Conveyor ovens, Carousels, Filter assembly lines, Tube rolling machines, Adhesive dispensers, Slitter rewinders, Spiral hotmelt applicators, Expanded metal lines, Bubble point testers as per ISO-2942 standard, Servo Yarn winding machines, Coil filter machines etc.



9001:2015  
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***A2Z has its own HAAS (USA) VF-4 CNC Milling Machine and TL-3 Tool Room Lathe. Critical components are made inhouse.***



***Inspection is done on CMM Machine in house***





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***A2Z shall be showcasing its most popular A2Z Servo Intelligent Mini Pleat Line with Blade Pleater at the Filtech***

A2z mini pleat Blade & Rotary pleating lines offer state of the art hot melt application process which allows application of hot melt with continuous, intermittent & spot beading for various panel, cylindrical & conical filter applications. Models are available with working width range from 12" TO 60" .Pleat depth range from 7mm to 300mm (0.27" to 12")

A2Z's Intelligent Servo driven Blade Pleater along with the Mini pleat production modules, allows the user to work with a variety of media including glass fiber as well as synthetic, with change overs for pleat depth /pleat pitch, and hot melt patterns on the Fly. The operator can save and access upto 2500 recipes thus allowing multiple combinations/part numbers to be produced. The machine's unique flexible design helps the Filter manufacturers to widen their product range and meet the market's ever changing needs.

- Precision engineered Servo Blade Pleater
- Speeds up to 300 pleats per minute
- Pleat width 40"
- Pleat depth range 0.4"-4"
- Mini Pleat attachment
- Pleat width 12"
- Pleat depth adjustment "on the fly"
- Pleat pitch : 25mm
- Hot melt nozzles : 12+12 nozzles for hot melt application on top & bottom side
- Multiple combinations of hot melt beading including spot, intermittent, continuous and edge sealing
- Pleats synthetic and glass fiber media
- Program for different parts can be saved as recipe
- Customer preferred hot melt systems can be integrated



Continuous Beading

Intermittent Beading

Spot Beading

What's New

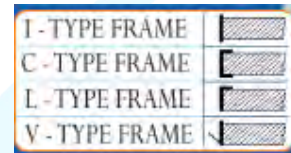


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### A2Z Intelligent Servo Filter Framing lines

A2Z Intelligent Servo Filter Framing lines are designed for online framing of filter. It is suitable for various frame profile I, V, C, L. It has the option to frame on 2 side or 4 side of the filter.

- Designed for online framing of filter
- Reduces manual operations
- Range from 150mm (6") to 700mm (28") working width
- Pleat depth range 25mm (1") to 150mm (6")
- Automatic cutting with tolerances of up to  $\pm 1$  mm
- Production rate up to 6-8 filters per minute.
- Suitable for various frame profile I, V, C, L
- Inline conversion of frame roll material to required frame profile (I, V, C, L)
- Possibility of framing on 2 side and 4 side of filter
- Wide range of side framing material- Nonwoven, Spun Bonds, Laminated card boards.
- Allows quick changeover
- The system is servo driven with 7 axis servo driven system
- Suitable for different media like Synthetic's, Glass fibre, Activated carbon, Laminates etc...



## END CAPS & COMPONENTS

A2Z will be displaying End Caps, Gaskets, Aluminium Cast Caps and Plastic Components



**End Caps, Gaskets, Aluminium Cast Caps & Plastic Components** ■ A2Z offers a large variety of components and parts to suit all types of filter production. Small volumes are also being offered.

**Our Range:**

- Pressed Metal Components/Spinning
- Expanded Metal
- Filter End Caps, Bowls, Cover Assemblies
- Filter Panels
- Cast & Machined Caps
- Weld Mesh Cages
- Perforated Support Tubes
- Spiral Tubes
- Rubber Components
- Nylon 6 Moulded Caps
- Plastic Endcaps

**Over 4,500 part numbers**

**ISO 9001:2015 CERTIFIED**

**design a2z**

- manufacture
- filter production equipment
- components
- testing equipment
- specialised materials

We look forward to seeing you at the above show. Please join us and share with us your input.

Regards

Digvijai Singh  
Director

For more information visit our website [www.a2zfiltration.com](http://www.a2zfiltration.com) or contact

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