



**Design,
Supply & Support**

One Stop Solution to your Filters Production

PLM FILTER SOLUTION

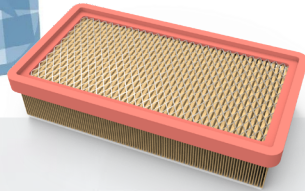
Hydraulic Filtration

Hebei Leiman Filter Material Co., Ltd

Hebei Luman Filter Parts Co., Ltd

Hebei Deman Technology Co., Ltd.





To start a new factory, you may want to know:

- How much profit can I get from producing filters?
 - How much money do I need to invest to build a complete filter line?
 - What kinds of machinery and raw materials do I need to purchase?
 - If I don't know how to operate the machinery or have questions about the filter production flow, how can I solve these problems?
 - How can I train my workers to operate the machines smoothly?
- More...*

What You Need is Exactly What We Can Supply.

Founded in 1990, PLM was specialized in filter element manufacturing. After years of development, PLM has become a filter production solution designer. So far, our solutions cover car and heavy-duty air filters, cabin filters, oil & fuel filters, primary/middle/high efficiency filters. We supply a complete line of filters production, from filter materials, production machines, testing machine to production line configuration and production process optimization to eliminate our customers free from worries. Today we have more than 200 kinds of machines and models fulfilling industry's diverse requirements. We have gained the ISO, CE and CO certifications.





SOMETHING WE CAN DO

→ Process & Equipment Solutions

- Production Guidance: Step-by-step manufacturing support.
- Machine Options: Multiple configurations to fit your needs.
- Innovative R&D: Redefining filter production with upgraded equipment.
- Diverse Product Lines: 12 production lines, 94 categories, 247 products.
- Factory Setup: Helped dozens of clients build their plants.
- Layout Planning: Let us design your factory floor.
- 30 Years of Expertise: Smarter, safer machine designs for smoother operations.



Build complete Eco Fuel & Oil Filter product line for customers and help them grow



Provide customized equipment solutions for well-known brand factories.

SOMETHING WE CAN DO



Material Solutions

- Quality First: PLM ensures top-tier material selection.
- Procurement Advisor: We match you with the right materials.
- Flexible Grades: Premium, mid-range, and standard raw materials.
- Cost-Effective Choices: Save without sacrificing quality.



Filter glue



Cabin filter media



Filter paper



Filter mesh



Hot melt glue



Non-woven

SOMETHING WE CAN DO

→ Technical Support

- Cost & Profit Analysis: Crunch the numbers upfront.
- Easy Setup: Clear instructional videos for stress-free installation.
- Reliable Performance: Every machine delivers stable, lasting quality.
- Market-Specific Budgets: Customized for your region.
- Production Planning: Your virtual "Production Manager".
- Operations Boost: Staff training, maintenance, process optimization, and scalable layouts.
- Custom Machines & Molds: Built to your specs.
- Export Pros: Certified for global shipping and mixed-container loads.





SOMETHING WE CAN DO

→ Customer Service

- Dedicated Support Team: Always on standby.
- End-to-End Solutions: We help you make filters that sell.
- Quick Responses: No waiting around.
- 1-on-1 Service: 100% patience, 0% hassle.
- 30 Years in Filters: Trusted know-how.
- Global After-Sales: Smooth support worldwide.
- On-Time Delivery: Count on us to meet deadlines.

In addition to specialized electrical and programming engineers, we also have three composite senior engineers with comprehensive experience and capabilities in filter production project design and implementation.



Eng. Zhang

R&D technical manager
20 years experience Experts Familiar with the production process and equipment of various products.



Eng. Wang

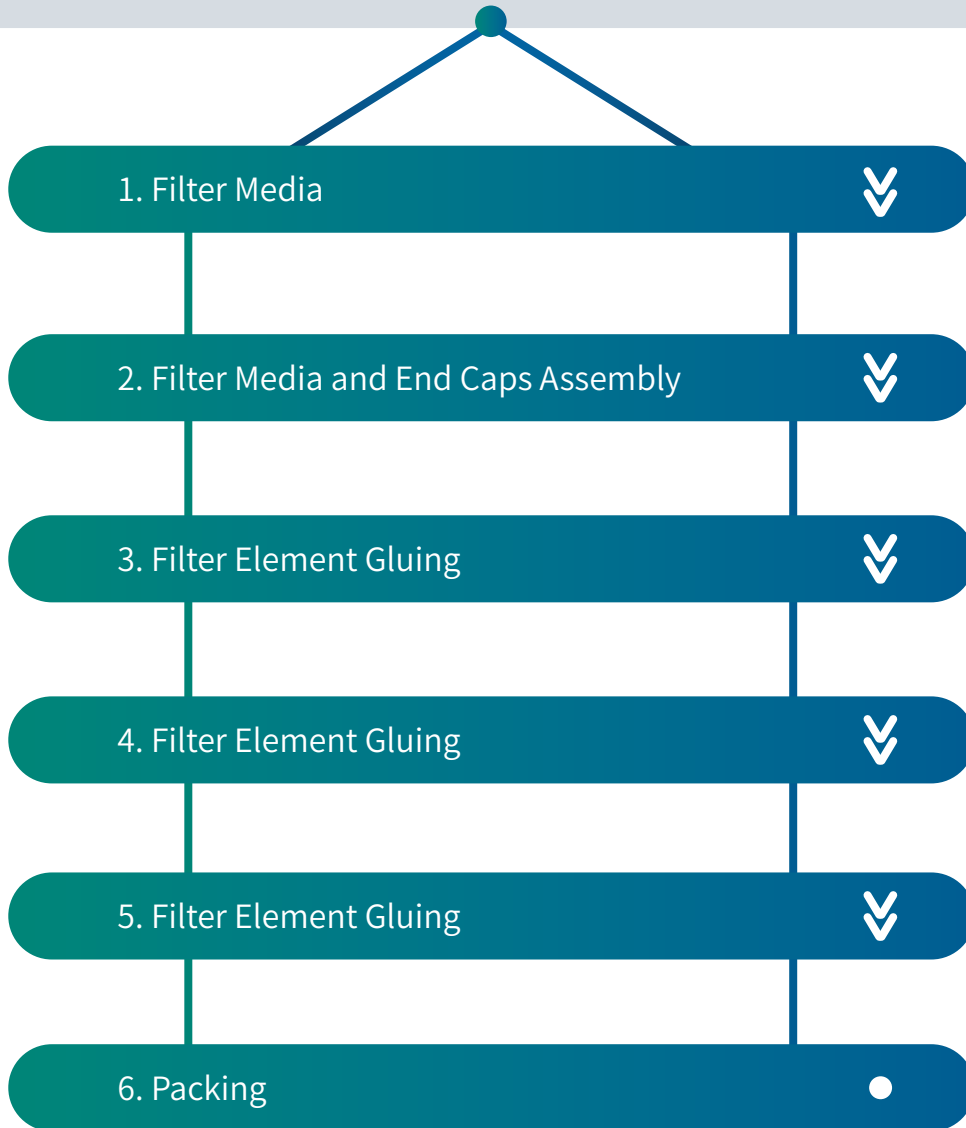
R&D Project manager 15 years experience Experts in filter machines Installation and production



Eng. Zhang

R&D technical manager 18 years experience Experts in punching and electrical

Hydraulic filter line Process Guidance



Machine solutions – Hydraulic Filter Line

1. Filter Media



PL-AUTO55-1050F
Automatic Knife Folding
Machine



PL-AUTO55-1050FM
Automatic Four-generation
Folding Machine



Filter Media Cutting



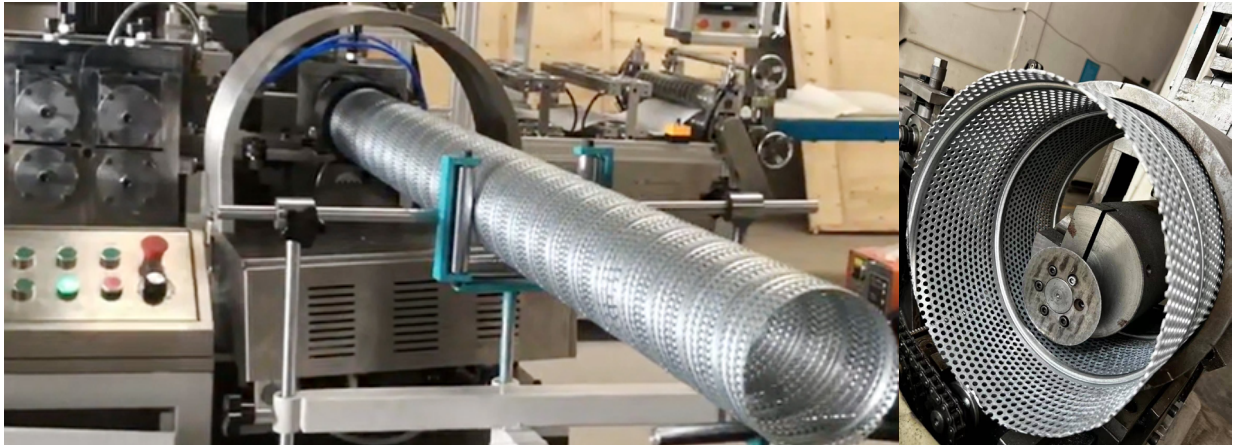
PLPW-1

Horizontal Multi-layers
Mesh Cutting Machine



PLQZ-1050

Paper Cutting Machine



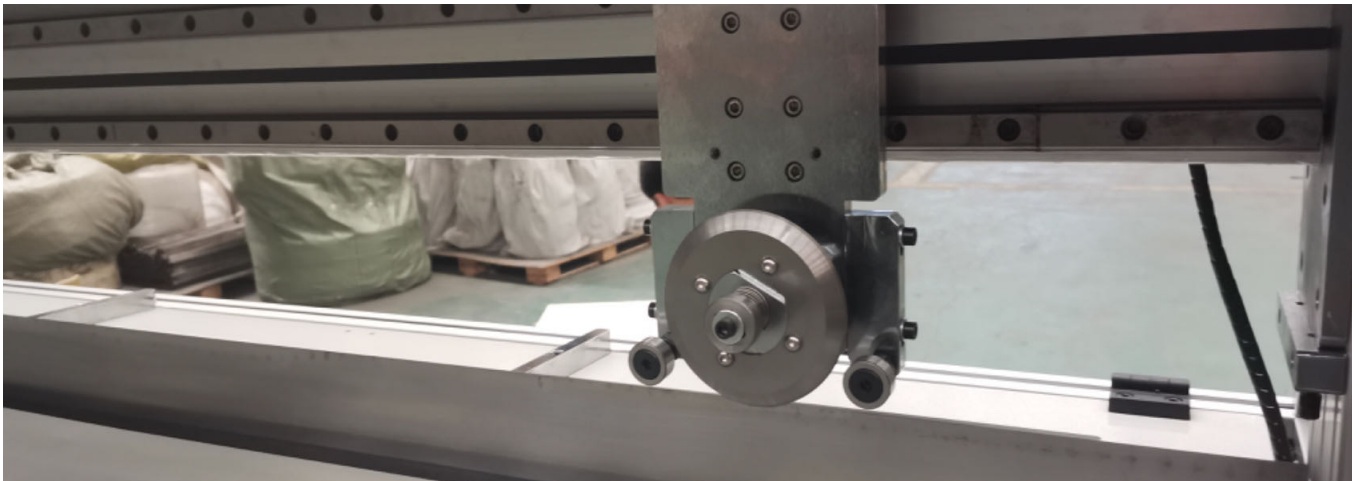
PLM-YF-5
Hydraulic oil filter
core making machine



PLM-YF-6
Flange Closing Machine



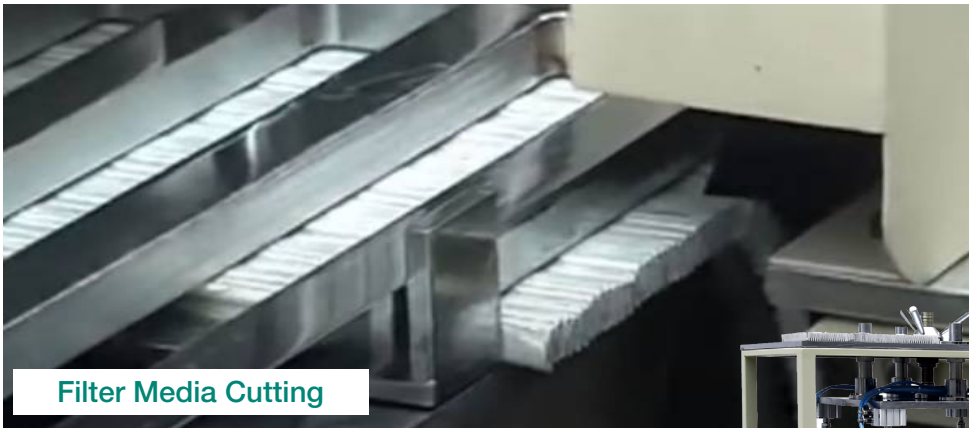
PLM-YF-7
Cover Plate Assembly
Machine



plzx-600 /800/1250
Vertical Screen Cutting Machine



PLZX-1050
Vertical Slitting Machine



Filter Media Cutting



PLTS-1000

Wire Mesh Trimming
Machine



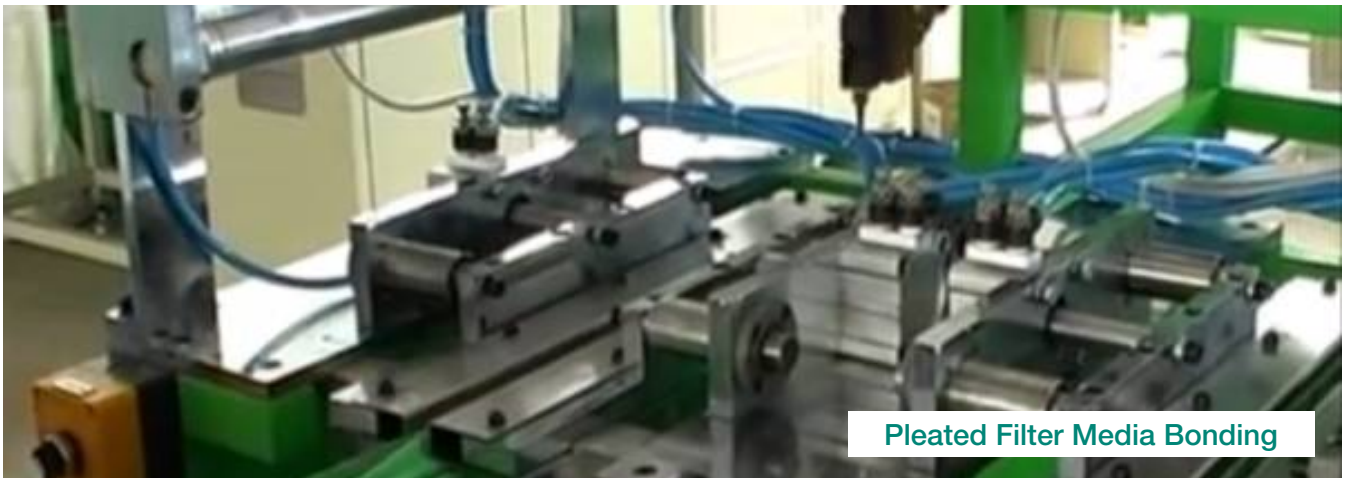
Pleated Filter Media Iron Clipping



PLJT-500

Auto Horizontal Multi-layers
steel clipping machine





Pleated Filter Media Bonding



PLRZ-500

Automatic Rotary Type Hot Melt Adhesive Machine



PLCS-1A for Hydraulic Filter

Automatic Filter Ultrasonic Welding Machine

2. Filter Media and End Caps Assembly

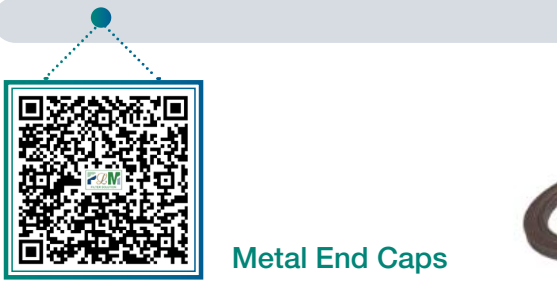


PLHJ-1000

Single Station Hot Plate
Welding Machine



Metal End Caps Stamping



Metal End Caps



**160 Ton
Press Machine**



End Cap Gluing



Two Component Filter Cartridge Adhesive



One Component Thermosetting Adhesive



PLAB-2

A B Two Compounds Filter
End Cap Gluing Machine



PLAB-6

A B Two Ccompounds Filter End Cap
Gluing Machine





PLM-AB-600

Hydraulic Filter Element
Middle Seam Glue Coating
Line



3. Filter Element Gluing



Hot Melt Glue



PLXR-1000

Hydraulic Filter Element Hot Melt Threading Machine



PLRZ-1000

One Station Multi-layer Filter Media Hot Melt Bonding Machine



4. Filter Element Gluing



PLPM-1240

Fully Automatic Printing
Machine

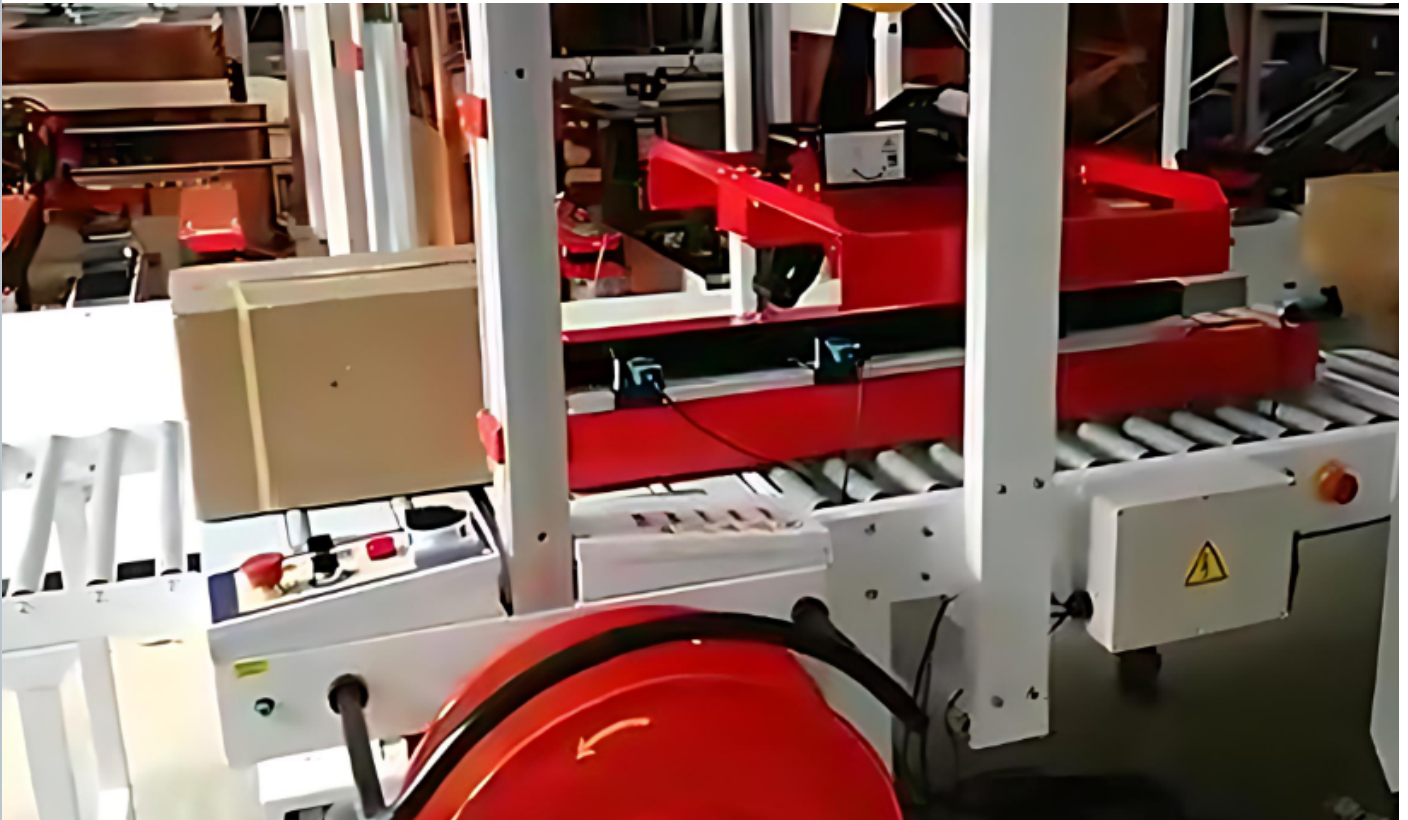
5. Filter Element Gluing



PLRS-450

Automatic Heat Shrink Film
Machine

6. Packing



PLM-DB5060

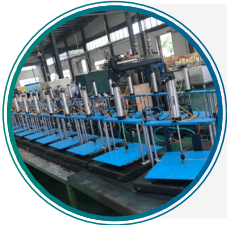
Automatic Sealing and
Strapping Machine

Technical Support



Production Cost & Profit Calculation

According to your needs and requirements, we will calculate the budget you need and supply an optimal solution to help you get the best equipment within your limited budget.



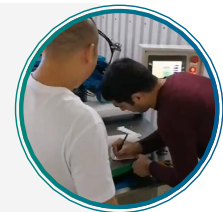
Extendable Upgradable Production Line & Reasonable Layout

We will design extendable, upgradable production line and calculate the most reasonable footprint of the production line according to your requirements.



Worker Training

We have create rich training documents and videos for your fast learning and training. You can come to our factory for actual operation instruction.



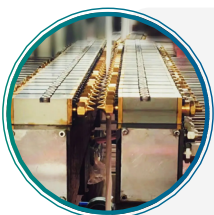
Machine Installation & Maintenance Guidance

Before delivery, we have debug and test machine to achieve the best performance. Besides, we will deliver the installation guidance and maintenance guidance along with machines.



Technological Improvements & Production Flow Optimization

We will evaluate your machines and production flow based on the production state of your production lines and put forward our suggestions for improvements.



Machine & Mold Customization

We will customize machine to match your local market needs. Besides, various molds customization service are accepted for your efficient and easy production.



Professional team after-sales support

We have a commitment of "4, 8, 36" which means respond to your requirements within 4 hours, give the pre-solution within 8 hours and complete within 36 hours.



Our Global Partners





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2024 edition

ONE STOP SOLUTION TO
YOUR FILTERS PRODUCTION

