

## YGPF Series Filter

High-Viscosity Fluid Specialist · Mechanical Scraping · Continuous Filtration

Designed for high-viscosity fluids up to 800Pa.s. Uses mechanical scraper system with 30-1500µm adjustable accuracy and 10Bar pressure rating. Durable metal screen with scraping mechanism reduces media replacement, enabling automated, enclosed operation for economical high-viscosity processing.



### Core Challenges

- Rapid media clogging with viscous materials
- High operational costs from frequent media replacement
- Unstable flow due to increasing pressure drop
- Low product recovery from material adhesion

### Applications

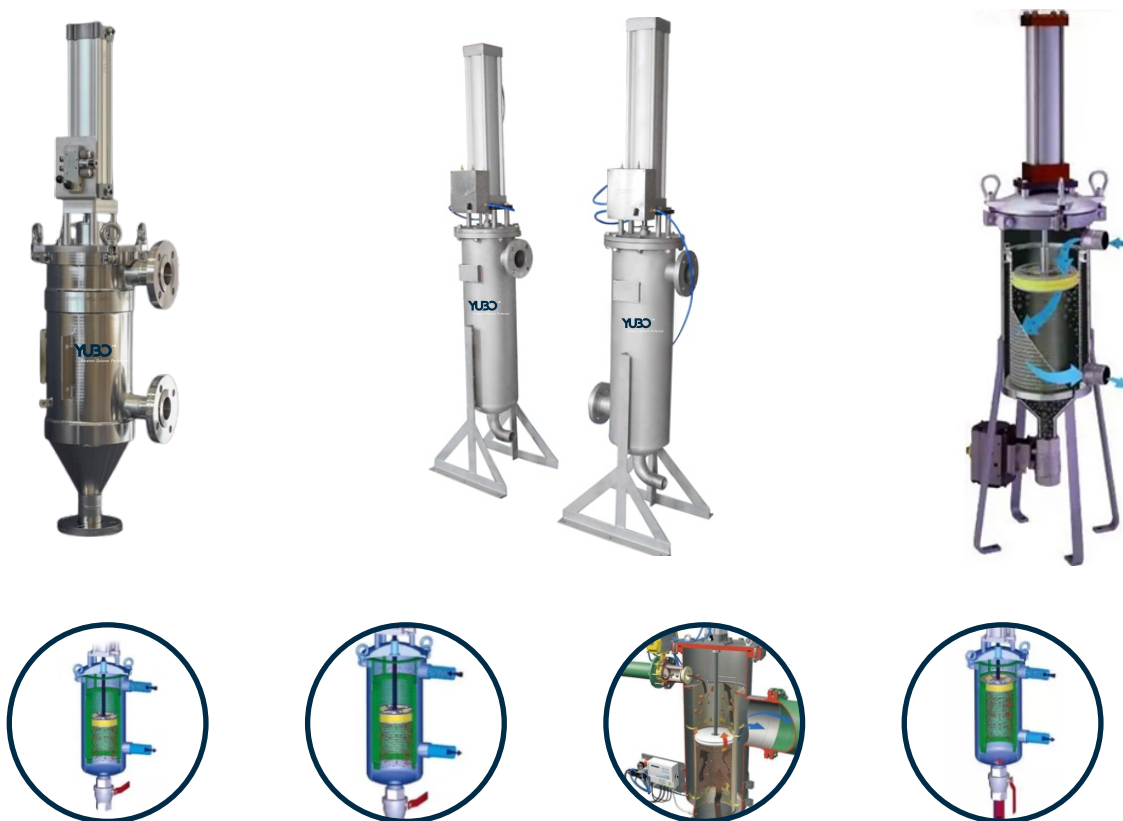
- Petrochemical: Lubricating oil, heavy oil, polymer melt purification
- Food industry: Syrup, jam, chocolate clarification
- Chemical materials: Resin, latex, adhesive impurity removal
- Biopharma: Steroid extracts, fermentation broth separation
- Energy/Environment: Coal tar, biofuel, waste oil filtration

### Key Features

- Mechanical scraping extends media life
- Optimized for stable flow with viscous/solid-containing fluids
- Automated enclosed continuous operation
- Low-pressure-drop energy-saving design
- High-concentration waste discharge

### Value

Reduces media replacement frequency and downtime while ensuring filtration accuracy, providing a stable, cost-effective solution for high-viscosity fluid processing.



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## CUSTOM DESIGN AND MANUFACTURING AVAILABLE

Model of Filter	Model of Cartridge	Housing size	Inlet/Outlet	Qty of Cartridge	Size of Cartridge	Volume L
219	P13	DN200	DN25	1	Ø140x300	14
273	P17	DN250	DN40	1	Ø180x300	22
325	P23	DN300	DN50	1	Ø240x300	30
426	P32	DN400	DN80	1	Ø340x300	60