

Douglas House, The Street, Beeston,  
King's Lynn, Norfolk. PE32 2NF  
Mobile: 07818 086650  
Email: [info@a2e-es.com](mailto:info@a2e-es.com)



**A2E Environmental Solutions Ltd**

亞歐環保電機有限公司

### **A2E Environmental Solutions Ltd.**

We are happy to discuss a solution  
for your Industrial application

#### **Filtration:**

|                        |                     |
|------------------------|---------------------|
| Paper Band Clarifier   | Coolant Centrifuge  |
| Magnetic Drum Filter   | Hydrostatic Filter  |
| Rotary Drum Filter     | HydroCyclone Filter |
| Oil / Water Separators | Vacuum Filter       |
| Filter Media           |                     |

#### **Swarf Processing & Handling:**

|                |                         |               |
|----------------|-------------------------|---------------|
| Steel Belting  | Steel Belt Conveyors    | Swarf Wringer |
| Swarf Shredder | Swarf Briquetting Press |               |

#### **Vehicles:**

|      |     |         |           |
|------|-----|---------|-----------|
| Quad | ATV | Go-Kart | DuneBuggy |
|------|-----|---------|-----------|

#### **Energy Savers:**

|           |               |                     |
|-----------|---------------|---------------------|
| LED Bulbs | Wind Turbines | Solar Water Heating |
|-----------|---------------|---------------------|

#### **Consultancy Services:**

|  |         |                  |
|--|---------|------------------|
| Imports                                    | Exports | Shipping/Freight |
| Engineering Services by                    |         |                  |
| Our man in China & with Your man in the UK |         |                  |

**Web: [www.a2e-es.com](http://www.a2e-es.com)**

**Tel: 07818 086650**

A2E Environmental Solutions Ltd reserves the right to change specifications, equipment, materials, colour or any other item without notice. Please confirm full specification prior to purchase. Safety note: These machines could be hazardous if operated by unskilled workers: Always read, act & obey to the owners/maintenance manual. Always wear safety gear as necessary, ie. Helmet, boots, gloves etc when operating these machines.



**A2E Environmental Solutions Ltd**

Quality Imported Products, by  
Our man in China & Your man in the UK



## *Paper Band Filter*

*Model: FPB-*



*Fully automatic ~ Low running cost  
Suitable for ferrous &  
Non-ferrous material*

**[www.a2e-es.com](http://www.a2e-es.com)**

# Paper Band Filter

Model: FPB-

## Design

The Paper Band filter is a combination of a wire support mesh with cross rods conveying the filter paper as the filtration medium. This filter is fully automatic and includes a clean coolant tank, waste bin, non-woven synthetic filter fabric (normally called filter paper, media), driving system, control system and liquid pump.



| Model   | Flow rate (lpm) | Tank capacity (ltr) | Inlet height (mm) | Width (mm) | Length (mm) | Height (mm) | Motor Watt |
|---------|-----------------|---------------------|-------------------|------------|-------------|-------------|------------|
| FPB 25  | 25              | 140                 |                   |            |             |             | 60         |
| FPB 50  | 50              | 200                 | 480               | 720        | 1450        | 280         |            |
| FPB 75  | 75              | 250                 |                   |            |             |             |            |
| FPB 100 | 100             | 350                 | 480               | 920        | 1850        | 280         | 90         |
| FPB 150 | 150             | 550                 |                   |            |             |             |            |
| FPB 200 | 200             | 600                 | 480               | 1200       | 2450        | 280         | 120        |
| FPB 250 | 250             | 800                 |                   |            |             |             |            |
| FPB 300 | 300             | 1200                |                   |            |             |             | 180        |
| FPB 400 | 400             | 1650                |                   |            |             |             |            |
| FPB 500 | 500             | 2000                |                   |            |             |             |            |

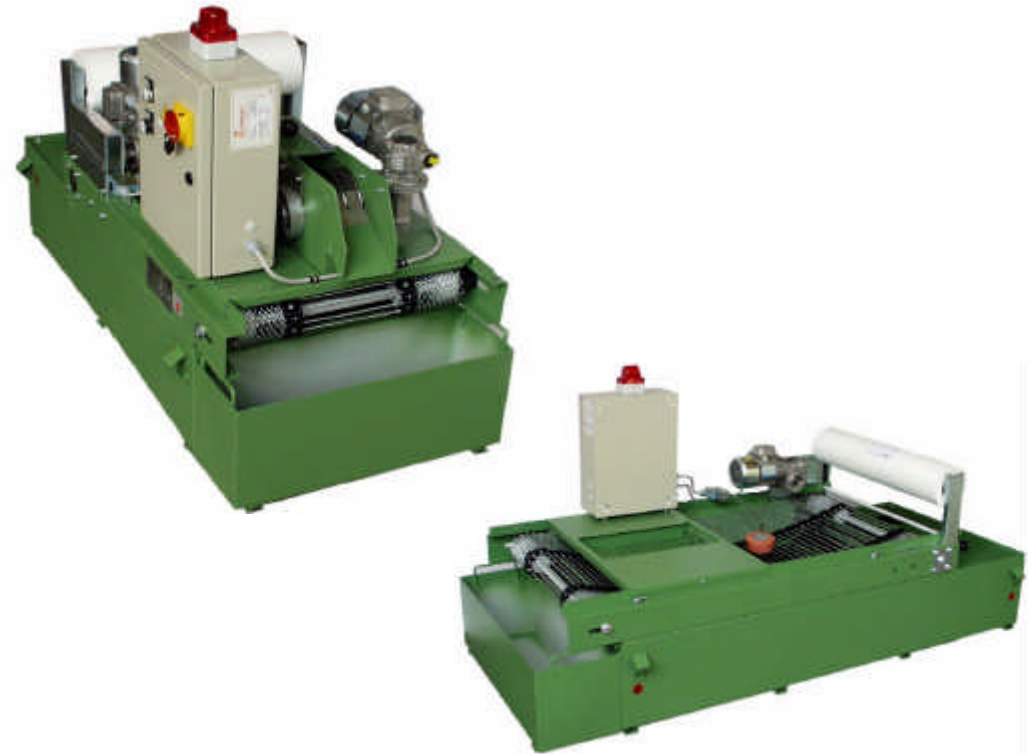
## Function

Dirty coolant flows into the filter inlet. The weight of this dirty coolant allows it to pass through the media by gravity. This machine can replace paper automatically, when the paper media becomes blocked with particles, a float signals the conveyor motor to run, thus indexing new, clean filter media. The clean coolant flows into the clean tank below, ready for the clean return pump to feed the machine tool.

Options: Mild Steel or Stainless Steel. Add a Magnetic drum filter on top which will reduce media consumption if heavy stock removal and allow finer filter media to be fitted. Dirty Scavenge Pumping Station.

## Applications

Suitable for Grinding, Parts washing, Honing and other machining processes on coolant lubrication, emulsions, cutting oil and scouring solutions.



Douglas House, The Street, Beeston,  
King's Lynn, Norfolk. PE32 2NF  
Mobile: 07818 086650  
Email: [info@a2e-es.com](mailto:info@a2e-es.com)



**A2E Environmental Solutions Ltd**  
亞歐環保電機有限公司