

Tel: +44 (0)1484 400200  
sales@cromar.co.uk

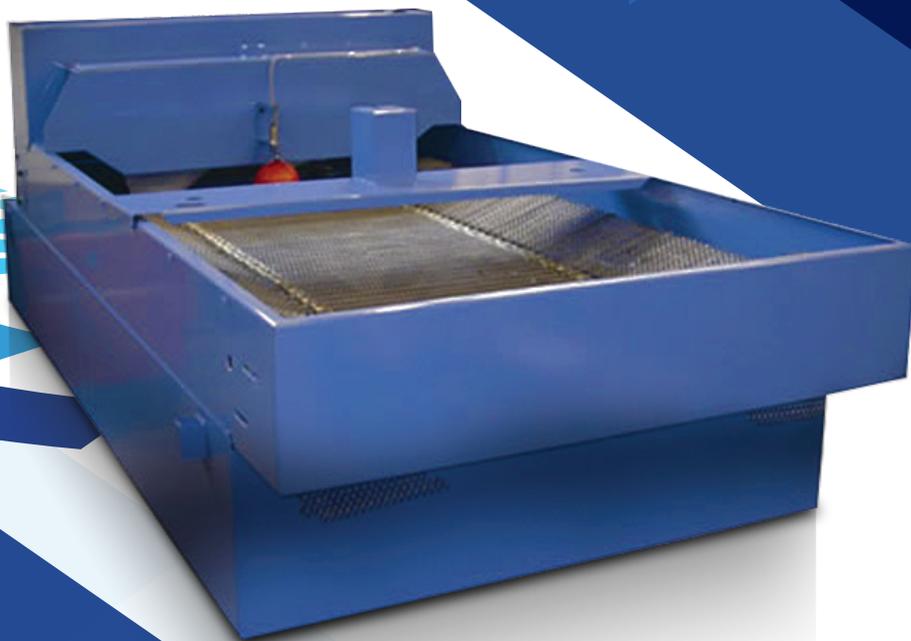
FREDERICK CROWTHER AND SON LTD



EST 1955

# Paper Band Filtration

For use on applications where a fine degree of coolant filtration is required.



“Reliable swarf and coolant management”

## Applications

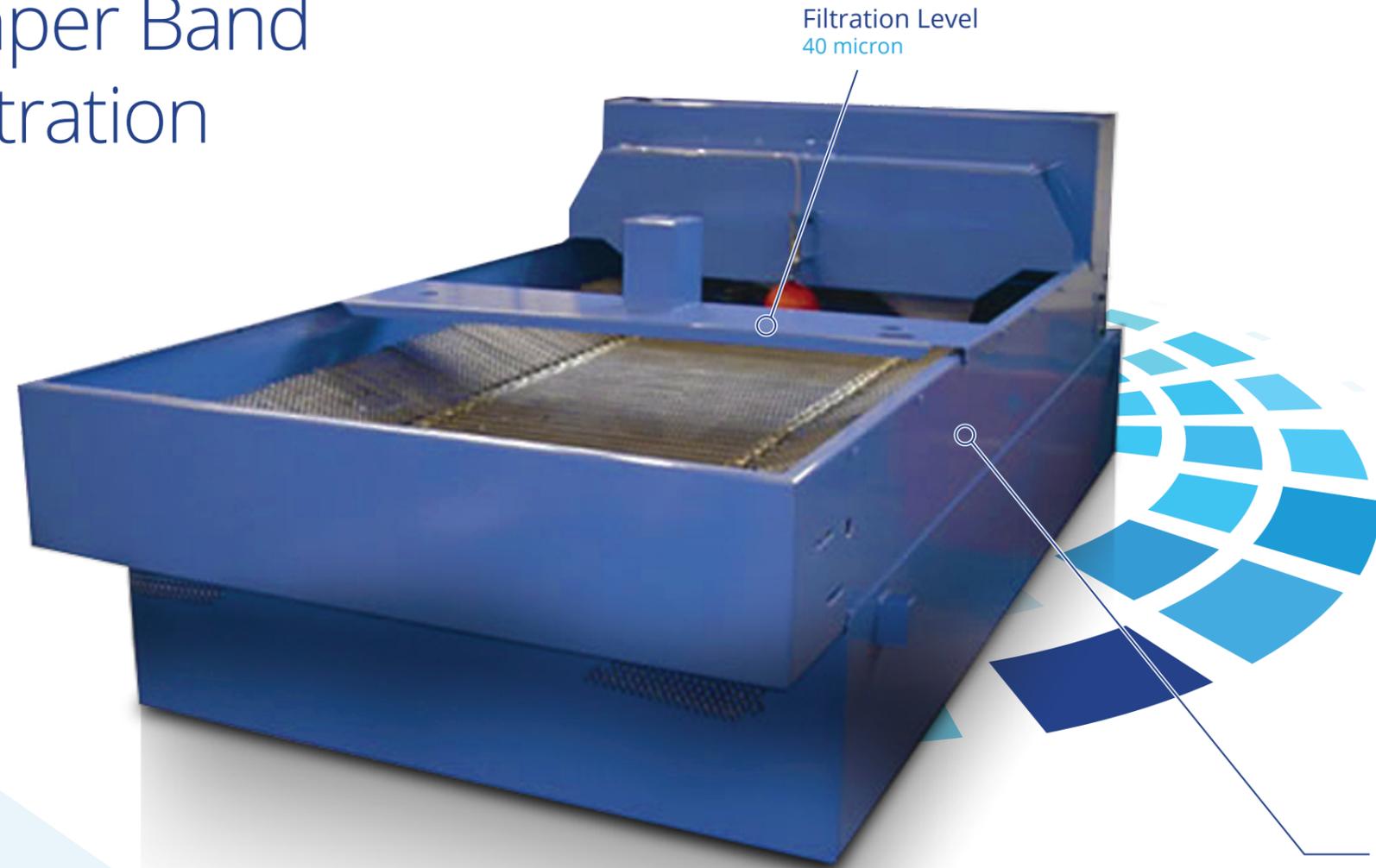
Paperband filtration is most commonly used on applications where a fine degree of coolant filtration is required. This type of filtration is most commonly seen on grinding applications, but it can be found on all other types machine where sub 250 micron filtration is required. Systems are offered in the range down to 50 microns

- ⦿ Grinding machine
- ⦿ Mill Turn Grind machining centres
- ⦿ Special purpose machine tools



EST 1955

# Paper Band Filtration



Filtration Level  
40 micron

Paint  
All conveyors are supplied  
finished to suit the customers  
colour specification.  
Our finish is Powdercoat

## Applications

Paperband filtration is most commonly used on applications where a fine degree of coolant filtration is required. This type of filtration is most commonly seen on grinding applications, but it can be found on all other types machine where sub 250 micron filtration is required. Systems are offered in the range down to 50 microns

- Grinding machine
- Mill Turn Grind machining centres
- Special purpose machine tools

## How it works...

Contaminated coolant is fed on to a continuous reel of filter fabric, which will be graded per specification from 250 micron to 50 microns. The fabric is supported by a special wire belt, which permits a continuous flow of clean coolant through it in to the clean tank below.

The media paper allows clean coolant to flow through it whilst retaining the solids in suspension within the coolant. As the filter media starts to get contaminated the coolant builds up on the paper until eventually a high level float switch monitoring the rise activates the belt to index forward in doing so automatically renewing the filter fabric from the filter roll.

The used fabric including the debris is carried away to a receptacle and can be removed without interrupting the filtering processers clean stable coolant to the super clean tank.

FREDERICK CROWTHER AND SON LTD



EST 1955

**Frederick Crowther & Son Ltd**  
Locksley Works,  
Armytage Road Industrial Estate,  
Armytage Road, Brighouse,  
West Yorkshire, HD6 1QF  
Tel: +44 (0) 1484 400200  
Fax: +44 (0) 1484 728088

**Cromar Metal Products Ltd**  
Unit 2 & 3 Guards Road Industrial Estate,  
Guards Road, Coldstream, TD12 4EE  
Tel: +44 (0) 1890 883139  
Fax: +44 (0) 1890 882944  
[www.cromar.co.uk](http://www.cromar.co.uk)