



CLARITY – FINE WITH US.

Intelligent solutions for filtering systems



Intelligent cooling and filtering systems + worldwide
www.hoffmann-filter.de



Engineering



A team of 40 in-house engineers and technicians will plan and construct the ideal system solution for your plant.

Manufacturing



Made in Germany on over 30.000 sqm of production facilities: all plants and components are manufactured in-house, under strict quality control.

Commissioning



A wide network of reliable partners guarantees that your plant will be commissioned on schedule.

Maintenance + Service



Specially trained technicians are dedicated 24/7 to the professional maintenance of your plant. Prompt - Precise - Punctual.

Accessories



Our original accessories are manufactured in-house to complement your plant, thus creating a perfectly coordinated system solution.



At home worldwide.

GERMANY | Lengede
BRAZIL | Sao Paulo
CHINA | Shanghai
INDIA | Mumbai - Pune
ITALY | Torino
SOUTH KOREA | Changwon-City
USA | Brighton, MI

FULL SERVICE UNDER ONE ROOF

HOFFMANN system solutions for filtration and cooling of cooling lubricants.

You will find our conveying, filtering and cooling systems virtually everywhere, worldwide. HOFFMANN has a presence wherever cooling lubricants are used in the manufacturing of toothed gears, condensers, camshafts, crankshafts, turbine blades and in many other industrial applications. We are not only supporting global corporations, but also ambitious medium-sized enterprises and exciting start-ups in industry. What all of these have in common is their high demand for quality, reliable supply and precision. It is good that our engineers are merciless in their pursuit of reliability, raising their standards day by day. The result is tailored and state-of-the-art quality solutions – the reason that we have been the prime contact partner for the filtration and cooling of cooling lubricants for many years.

How may we assist you?

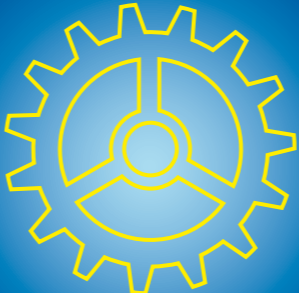


Variety with micrometre precision.

The scope of our product range is unique, ranging from conveyor systems via pre-separators to the micro and clear filtration of cooling lubricants. We can offer you both, high-quality standard solutions as well as turnkey systems that are perfectly tailored to suit your requirements for any imaginable industrial application. In numbers, this means: filter fineness from 100 μ down to 1 μ , filtration capacities from 50 l/min to > 20.000 l/min and cooling capacities from 3 kW to > 1.500 kW. HOFFMANN systems and

components bring abundant performance to bear on little space; they are extremely reliable performers, user-orientated and require low maintenance. As a result of planning, being constructed and manufactured in-house and using state-of-the-art facilities wear and consumption are low. To you, this means tailored manufacturing using high-performance and robust components which will perform reliably even under maximum stress – and all that with just one contact partner.

EFFICIENT SYSTEM SOLUTIONS

Professional. Precise. Punctual.

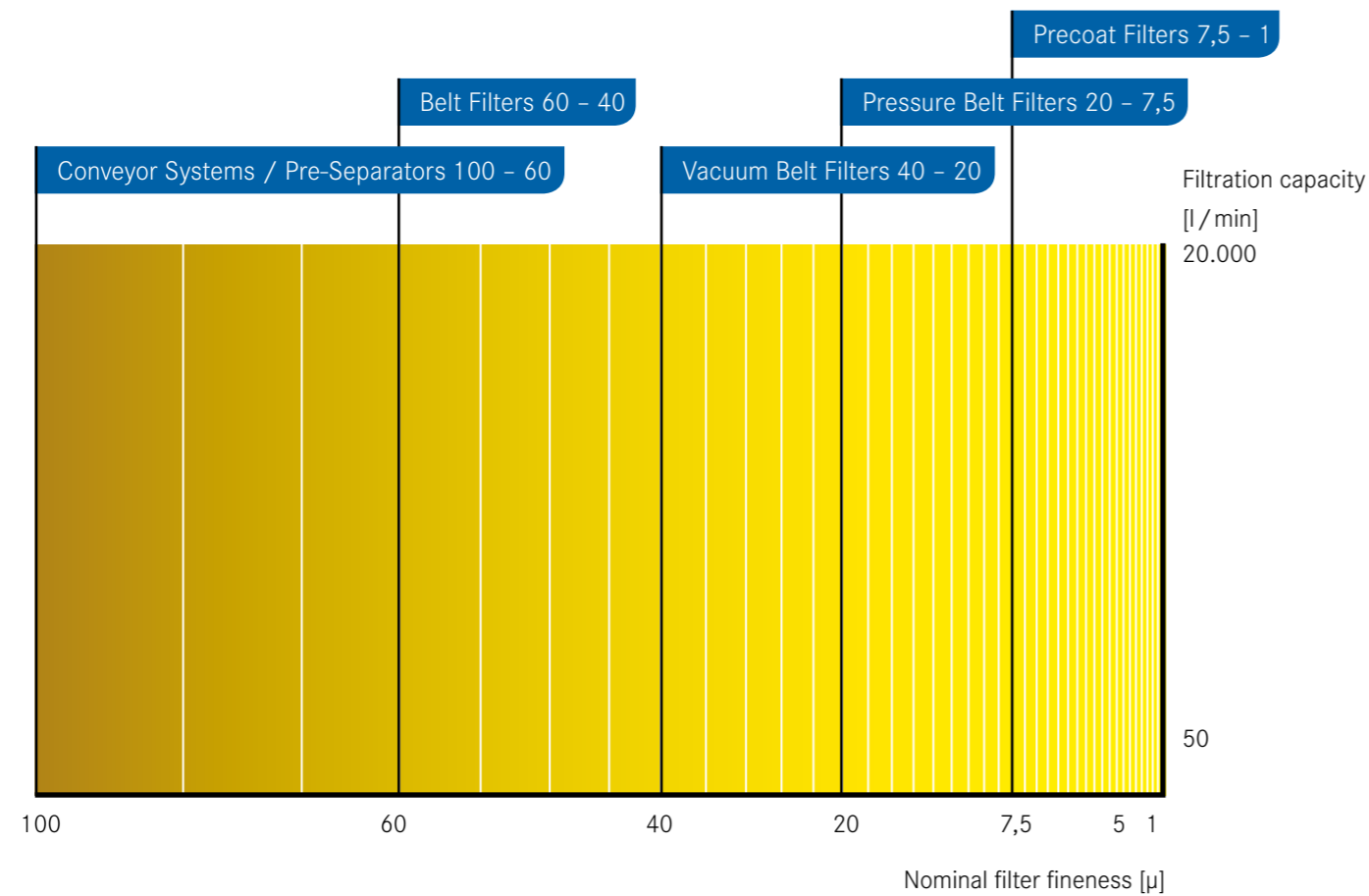
 CONVEYING RECEPTIVE. POWERFUL. TIRELESS.	 FILTERING THOROUGH. CONSTANT. RELIABLE.	 COOLING ACCURATE. EFFICIENT. DURABLE.
Conveyor systems for machining, tailor-made for series manufacturing, complementing systems for downstream filtering and cooling systems.	Filter systems for many different cooling lubricants: oils, emulsions and synthetic solutions for machining, single and central supply from 50 l/min to > 20.000 l/min.	Cooling systems for liquid media in all industrial sectors, series and special plant engineering from 3 kW to > 1.500 kW cooling capacity.

Exceptional quality, expert support and a pinch of passion.

To us, the “Made in Germany” label means more than just quality. With this mark, we associate not only our obligation to build state-of-the-art, high-performance and durable systems and components, but also the obligation to optimally support our customers from start to finish. This ranges from consultation, via development, manufacturing and commissioning down to after sales service and support. This means worldwide, on-schedule and with top competency. This is why we are particularly proud when our customers reward our efforts by naming HOFFMANN supplier of the year.



OUR PRODUCT RANGE



READY TO FACE ANY CHALLENGE

State-of-the-art for four decades – to your benefit.

Since starting off in a small garage in 1971, we have continuously reinvented our conveying, filtering and cooling systems. Through numerous innovations and ongoing development, we are now a global leader in the filtration and cooling of cooling lubricants. For this, we have to especially thank our highly qualified staff, many of whom we have trained in-house and who benefit from our standard programme of support and continuing education. Back then and to this day, our worldwide staff ensures you of an on-schedule delivery, ready to operate complete solutions and no-compromise service – and all that at no risk: Professional. Precise. Punctual. HOFFMANN welcomes you!

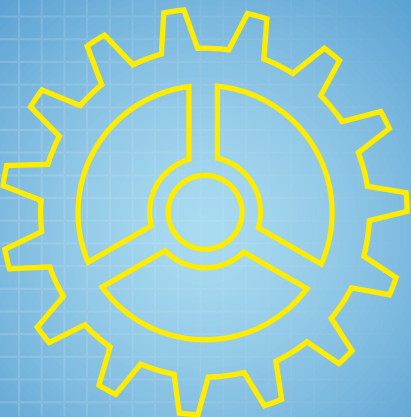
Our customers are typically from the following sectors:

- Automotive
- Mining
- Conveying
- Gearbox manufacturing
- Plastics industry
- Aerospace
- Shipbuilding
- Iron and steel industry
- Turbine manufacturing
- Compressor manufacturing
- Tool manufacturing
- Wind power
- Gear wheel manufacturing

CONVEYING

Hinged Belt Conveyor

Scraper Conveyor



RECEPTIVE.
POWERFUL.
TIRELESS.

- For machining
- For long chips, wool chips and chip balls
- Tailor-made for series production
- System supplement for filtration and cooling systems

ADAPTABLE

Thanks to the many fields of application.

The Hinged Belt Conveyor is suited for wet and dry machining of materials such as steel, non-ferrous metals, GRP and other plastics. The hinged belt transports the goods to the discharge point. For wet machining, chips and cooling lubricant are separated during transportation.



AREAS OF APPLICATION

- e.g.
- Drilling and turning machines
 - Machining centres
 - Punching and nibbling machines
 - Sprue removal machines



ADVANTAGES

- Tailor-made for series production
- Robust and flat design
- Maintenance-free drive
- Good accessibility
- High-grade hinged belt

OPTIONS

- Torque monitoring
- Belt run monitoring
- Cooling lubricant tank with lifting pump

HFS-S THE ALL-ROUNDER

HOFFMANN Hinged Belt Conveyors HFS-S impress through their wide range of application in customised machine tools. The long service life, due to the roller chain with hardened rollers, is a plus factor. HOFFMANN Hinged Belt Conveyors HFS-S are ideal for conveying long and mixed chips, wool chips, chip balls and also sheet steel scrap and larger objects.

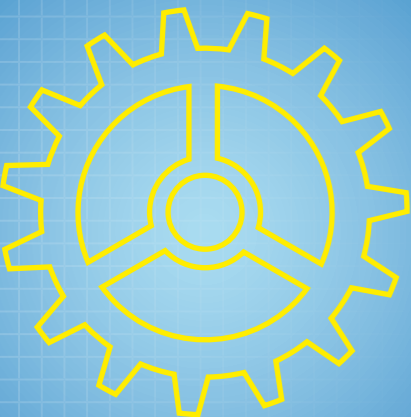
VERSIONS	
Conveyor belt width	from 200 mm to 1.000 mm
Increments	50 mm or 100 mm
Transport chain	roller chain with hardened rollers
Drivers	screwed on and easily replaced
Drive	slip-on gearbox

CONVEYING

Hinged Belt Conveyor

Scraper Conveyor

- For machining
- Short and broken chips and needle chips
- Tailor-made for series production
- System supplement for filtering and cooling systems



EFFECTIVE

Thanks to great flexibility.

The Scraper Conveyor is suited for wet and dry machining of materials such as steel, non-ferrous metals, plastics and castings machining with considerable dust content. The chips fall to the bottom of the Scraper Conveyor and are pushed to the discharge by the transport chain drivers. The drivers are screwed on and easily replaced when worn. For wet machining, chips and cooling lubricant are separated during transportation.



RECEPTIVE.
POWERFUL.
TIRELESS.



AREAS OF APPLICATION

- e.g.
- Drilling, turning and milling machines
 - Machining centres
 - Transfer lines
 - Sawing

ADVANTAGES

- Tailor-made for series production
- Robust design
- Maintenance-free drive
- Good accessibility

OPTIONS

- Torque monitoring
- Belt run monitoring
- Cooling lubricant tank with lifting pump
- Chain guide and conveyor floor made of wear-resistant steel

HFS-K
THE ROBUST ONE

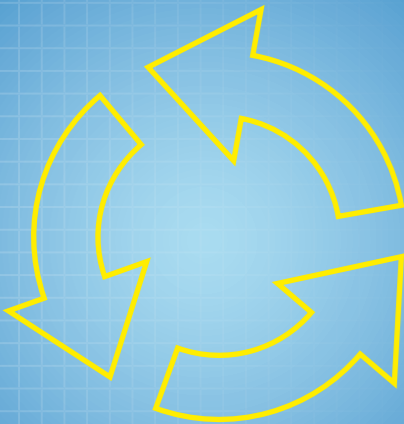
HOFFMANN Scraper Conveyors HFS-K are particularly suited for transporting away mainly short and broken chips as well as needle chips, during wet and dry machining in machine tools. The HOFFMANN Scraper Conveyor HFS-K is also renowned for its high reliability and service life.

VERSIONS	
Conveyor belt width	from 200 mm to 1.000 mm
Increments	50 mm or 100 mm
Transport chain	roller chain with hardened rollers
Drivers	screwed on and easily replaced
Drive	slip-on gearbox

FILTERING

Drum Magnetic Separator

- Belt Filter
- Suction Belt Filter
- Vacuum Belt Filter
- Pressure Belt Filter
- Precoat Filter



THOROUGH.
CONSTANT.
RELIABLE.

- For separating ferromagnetic chips
- For use with any cooling lubricant treatment
- For individual solutions or to supplement systems

POWERFUL

Due to rotating drum system.

The cooling lubricant is conveyed to the Drum Magnetic Separator for cleaning. The ferromagnetic particles are attracted by powerful magnets on a rotating drum and are then deposited on a revolving belt. The cooling lubricant is recovered from the filter sludge by means of a press-on shaft and returned to the process. The stripper sheet separates the dry filter sludge from the belt and discharges it.



AREAS OF APPLICATION

- e.g.
- Grinding machines
 - Honing machines
 - Lapping machines
 - Rolling rigs
 - Sedimentation basins
 - Addition to central filter systems

ADVANTAGES

- Automatic, maintenance-friendly operation, needing no consumables
- Compact design with high flow rate
- Little space required
- Flexible installation options
- Low residual moisture in the discharged filter cake
- Cooling lubricant recovery

OPTIONS

- Electrical control
- Cooling lubricant tank with lifting pump
- Mobile and tiltable sludge cart

TMA

THE SPECIAL ONE

HOFFMANN Drum Magnetic Separators TMA are used to separate ferromagnetic chips from all types of cooling lubricants. They may be used as a stand-alone system for intensive CL treatment or as pre-separators upstream of existing filter systems. In this case, the Drum Magnetic Separators relieve the main filter, increase its service life and reduce filter aid costs.

AUSFÜHRUNGEN	
MODEL	FILTRATION CAPACITY*
TMA 500	to 500 l/min
TMA 1000	to 1.000 l/min
* Based on fluids with a viscosity of 20 mm²/s at 40 °C	

FILTERING

Drum Magnetic Separator



Suction Belt Filter



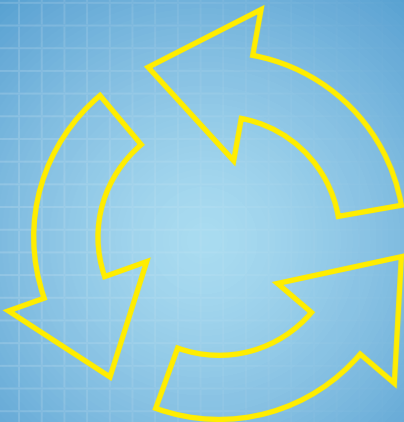
Vacuum Belt Filter



Pressure Belt Filter



Precoat Filter



THOROUGH.
CONSTANT.
RELIABLE.

- For filtering all types of fluids
- For separating solids from fluids
- For many different industrial applications

Belt Filter



COMPACT

Thanks to a minimal footprint.

Fluid enters the compact filter via the inlet and flows through the filter fleece for cleaning. Solids are retained by the filter fleece. The high hydrostatic pressure design creates a filter cake structure with a fine filtration grade at high flow rates and with a low consumption of filter fleece. The

steep discharge angle significantly reduces the fluid discharge normally accompanying belt filters. The used filter fleece is wound onto a reel which is integrated into the compact filter housing, ensuring that the filter cake and the filter fleece may be separately disposed of.



AREAS OF APPLICATION

- e.g.
- Machining centres
 - Milling and turning machines
 - Drilling machines
 - Grinding machines

ADVANTAGES

- Automatic operation, easy to maintain
- Versatile applications
- Space-saving installation
- Better filtration grade and filtration capacity
- Filter fleece winding reel integrated into the housing
- Separate disposal of used filter fleece and of filter cake
- Low fluid carry-out

OPTIONS

- Magnetic separator
- Electrical control
- HOFFMANN Cooling Systems
- Mobile and tiltable sludge cart

CF THE VERSATILE ONE

HOFFMANN Compact Filters CF are suitable for filtering oils, emulsions, synthetic solutions and other fluids such as those used in machining of metals (i.e. steel, non-ferrous metals, aluminium). Apart from their use in metal processing, the wide field of HOFFMANN Compact Filter applications also includes the chemical and pharmaceutical industries, the foodstuffs industry and environmental technologies.

VERSIONS	
MODEL	FILTRATION CAPACITY*
CF 50	150 l/min
CF 100	300 l/min
CF 200	600 l/min
CF 300	900 l/min
* Based on fluids with a viscosity of 1 mm ² /s at 20 °C	

FILTERING

Drum Magnetic Separator



Belt Filter



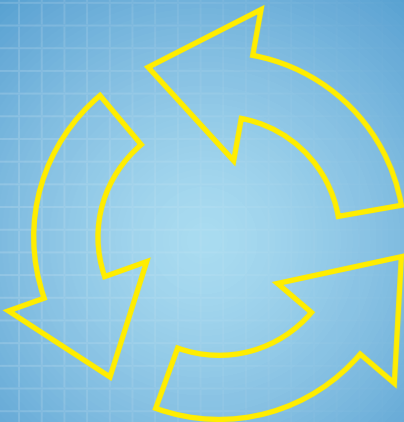
Vacuum Belt Filter



Pressure Belt Filter



Precoat Filter



THOROUGH.
CONSTANT.
RELIABLE.

- For filtering grinding oils and emulsions
- For high surface precision grinding
- For single and central plants

Suction Belt Filter



WORLD CLASS

With a unique filter principle.

Through the development of a compact filtration principle, with no filter aids and low operating cost, HOFFMANN Suction Belt Filters became global market leaders for gear grinding machine filtration:

Soiled cooling lubricant flows from the grinding machine to the filtration system lifting section. From there, it is pumped into the filter top. The system pump then sucks the CL through a revolving continuous filter belt into the clean tank of the filter system, where it is cooled by a HOFFMANN Cooling System. The treatment cycle comprised of filtration and cooling is now complete and the fluid is suitable for being supplied to the machine tool.

Functioning:
During filtration, dirt particles create a growing filter cake on the filter belt. After a defined differential pressure is reached, the filter is automatically regenerated by briefly breaking the vacuum and advancing the filter belt. This moves a clean filter belt section into the filtration process and the filter cake is simultaneously conveyed into the drying station. The dry filter cake is discharged with minimum residual moisture content. A cleaning brush and rinsing system clean the filter belt at the discharge. The filtration capacity exceeds the required supply. This means that the clean tank always has enough clean CL and ensures continuous supply to load points during the regeneration phase.



AREAS OF APPLICATION

- e.g.
- Gear grinding machines
 - Profile grinding machines
 - External and internal circular grinding machines

ADVANTAGES

- Filtration with continuous filter belt needing no consumables
- Continuous supply of cooling lubricant to your grinding machine without downtime
- High grade of filtration without the use of filter aids, at maximum throughput
- Suited for CBN and corundum grinding
- Highly dried filter cake, minimal residual moisture
- Low installation footprint due to compact design and low super structures

OPTIONS

- Filter aid dosing unit
- HOFFMANN Cooling Systems
- Mobile and tiltable sludge cart

HSF
THE ORIGINAL ONE

HOFFMANN Suction Belt Filters HSF are used for filtering CL during high precision surface grinding. The high filtration grade renders HOFFMANN Suction Belt Filters ideal, among others, for grinding of gears e.g. in the automotive, wind energy, mining and shipbuilding sectors.

VERSIONS		
MODEL	FILTRATION CAPACITY OIL*	FILTRATION CAPACITY EMULSION**
HSF 60	120 l/min	180 l/min
HSF 100	200 l/min	300 l/min
HSF 150	300 l/min	450 l/min
HSF 200	400 l/min	600 l/min
HSF 250	500 l/min	750 l/min
HSF 300	600 l/min	900 l/min
* Based on grinding oils with a viscosity of 20 mm ² /s at 40 °C		
** Based on grinding emulsions with a viscosity of 1 mm ² /s at 20 °C		



SF THE VOLUME WIZARD

HOFFMANN Suction Belt Filters SF range are used for the filtration of CL with higher filtration requirements than for single or central systems, i.e. for surface grinding with strict demands on precision. When precoated with cellulose, this series becomes an automatic precoat filter for CL filtration during machining of cast iron and sintered material.

AREAS OF APPLICATION

e.g.

- Gear grinding machines
- Profile grinding machines
- External and internal circular grinding machines
- Honing machines
- Finishing machines
- Lapping machines

ADVANTAGES

- Filtration with continuous filter belt needing no consumables
- Optionally available as precoat filter, precoated with cellulose
- Continuous supply of cooling lubricant to your grinding machine without downtime
- Suited for CBN and corundum grinding
- Highly dried filter cake, minimal residual moisture
- Minimal installation footprint due to compact design and stacked arrangement of filter chambers

OPTIONS

- Filter aid dosing unit
- HOFFMANN Cooling Systems
- Mobile and tiltable sludge cart

VERSIONS

MODEL	FILTRATION CAPACITY OIL *	FILTRATION CAPACITY PRECOATED **	FILTRATION CAPACITY EMULSION ***
SF 2-150	600 l/min	180 l/min	900 l/min
SF 2-200	800 l/min	240 l/min	1.200 l/min
SF 3-150	900 l/min	270 l/min	1.350 l/min
SF 3-200	1.200 l/min	360 l/min	1.800 l/min

* Based on grinding oils with a viscosity of 20 mm²/s at 40 °C

** Based on grinding oils with a viscosity of 20 mm²/s at 40 °C, precoated with cellulose

*** Based on grinding emulsions with a viscosity of 1 mm²/s at 20 °C



HVF THE UNIVERSAL ONE

HOFFMANN Suction Belt Filters HVF range are used for the filtration of CL for high surface precision machining requirements. Filter fleece renders this series suitable for filtering CL used in machining of various materials such as steel, aluminium, cast iron, sintered materials, etc.

AREAS OF APPLICATION

e.g.

- Grinding machines
- Machining centres
- Milling machines

ADVANTAGES

- Universal applications
- Continuous supply of cooling lubricant to your machine tool without downtime
- Suited for a variety of materials
- Integrated winding reel for the filter fleece
- Separate disposal of used filter fleece and of filter cake
- Small footprint requires minimum installation space

OPTIONS

- HOFFMANN Cooling Systems
- Mobile and tiltable sludge cart

VERSIONS

MODEL	FILTRATION CAPACITY OIL *	FILTRATION CAPACITY EMULSION **
HVF 100	200 l/min	300 l/min
HVF 150	300 l/min	450 l/min
HVF 200	400 l/min	600 l/min

* Based on grinding oils with a viscosity of 20 mm²/s at 40 °C

** Based on grinding emulsions with a viscosity of 1 mm²/s at 20 °C

FILTERING

Drum Magnetic Separator



Belt Filter



Suction Belt Filter



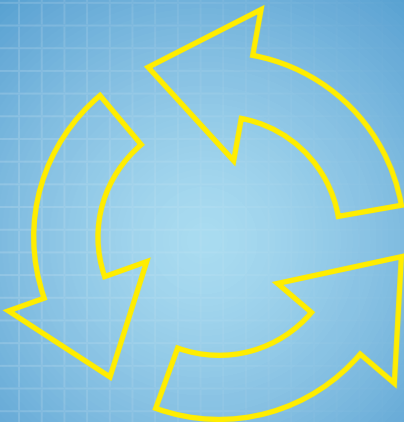
Vacuum Belt Filter



Pressure Belt Filter



Precoat Filter



THOROUGH.
CONSTANT.
RELIABLE.

- For filtering all types of fluids
- For separating solids from fluids
- For many different industrial applications

DURABLE

And guaranteed to last.

A stainless steel slotted-screen bottom divides the HOFFMANN Vacuum Belt Filter into a soiled and a suction chamber. The filter medium (filter fleece or continuous filter belt) rests on the slotted-screen bottom and the inclined discharge, where it serves as the primary filter and as support for the growing filter cake. Soiled fluid travels from the load points to the dirt tank of the vacuum belt filter.

Functioning:

During filtration, dirt particles form a growing filter cake on the filter medium. After a defined differential pressure is reached, the

filter is automatically regenerated by briefly breaking the vacuum and discharging the filter medium by means of a transport chain. The filter fleece is separated from the filter cake and wound onto a reel. This ensures the separate disposal of the filter fleece and the filter cake. If a continuous filter belt is alternatively used, a cleaning brush and rinsing system is used to clean the filter belt at the discharge. The filtration capacity exceeds the required supply. This means that the clean tank always has enough clean CL and ensures continuous supply to load points during the regeneration phase.



AREAS OF APPLICATION

- e.g.
- Machining centres
 - Milling and turning machines
 - Drilling machines
 - Grinding machines
 - Washing machines
 - Rolling rigs

ADVANTAGES

- Various qualities of filter fleece, with winding reel
- Cost reduction due to separate disposal of filter fleece and filter cake
- In central systems, filtration with continuous filter belt is possible, with no consumables required
- Robust and reliable design and operation
- Continuous supply of your machine(s) without downtime

OPTIONS

- HOFFMANN Cooling Systems
- Mobile and tiltable sludge cart
- Emulsion mixing unit
- Pumping stations
- Oil skimmer
- Piping engineering

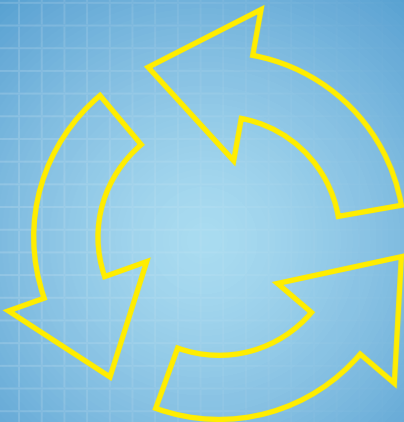
UBF THE INDESTRUCTIBLE ONE

HOFFMANN Vacuum Belt Filters UBF are ideal for filtering oils, emulsions, synthetic solutions and other fluids, such as accompanying machining of metals (i.e. steel, non-ferrous metals and aluminium). Apart from their use in metal processing, the wide field of HOFFMANN Vacuum Belt Filter applications also includes steel production and environmental technology, both as single and central systems.

VERSIONS		
MODEL	FILTRATION CAPACITY OIL*	FILTRATION CAPACITY EMULSION**
UBF 200	500 l/min	1.000 l/min
UBF 300	750 l/min	1.500 l/min
UBF 400	1.000 l/min	2.000 l/min
UBF 600	1.500 l/min	3.000 l/min
UBF 1000	2.500 l/min	5.000 l/min
UBF 2000	5.000 l/min	10.000 l/min
UBF 3000	7.500 l/min	15.000 l/min
* Based on grinding oils with a viscosity of 20 mm ² /s at 40 °C		
** Based on grinding emulsions with a viscosity of 1 mm ² /s at 20 °C		

FILTERING

- Drum Magnetic Separator
- Belt Filter
- Suction Belt Filter
- Vacuum Belt Filter
- Pressure Belt Filter
- Precoat Filter



THOROUGH.
CONSTANT.
RELIABLE.

- For filtering all types of fluids
- For separating solids from fluids
- For many different industrial applications

FLEXIBLE

And with applications everywhere.

Soiled fluid runs from the load points to the soiled tank of the Pressure Belt Filter. A filter pressure pump pumps the fluid into the filter chamber and through a continuous filter belt or optionally, a filter fleece. The clean fluid then enters the clean tank of the filtration system and returns to the load points via supply pumps.

Functioning:

During filtration, dirt particles create a growing filter cake on the filter belt. The filter automatically regenerates when a defined differential pressure is reached, with inflow of the soiled medium stopped whilst compressed air dries the filter cake to a minimum of residual moisture. The filter chamber then opens, the filter belt advances and the filter cake is scraped off. A cleaning brush and rinsing system

cleans the filter belt at the discharge. The filter chamber closes and a new filtration cycle starts.

The filtration capacity exceeds the required supply. This means that the clean tank always has enough clean CL and ensures continuous supply to load points during the regeneration phase. In cases requiring high precision surfaces or containing particularly fine dirt particles, the Pressure Belt Filter may optionally be precoated with a filter aid (cellulose) on the belt or fitted with an additional filter fleece. Precoating achieves filter fineness down to 10 µm in all fluids. When using a filter fleece, the filter cake is separated from the fleece and the used fleece is wound onto a reel. This assures separate disposal of the filter fleece and the filter cake.



AREAS OF APPLICATION

- e.g.
- Machining centres
- Milling and turning machines
- Drilling machines
- Grinding machines
- Sludge drying
- Washing machines
- Rolling rigs

ADVANTAGES

- Filtration with continuous filter belt needing no consumables
- High degree of filtration at maximum throughput
- Alternatively, filter fleece with winding reel option
- Highly dried filter cake, minimal residual moisture
- Robust and reliable design and operation
- Continuous supply of your machine(s) without downtime

OPTIONS

- HOFFMANN Cooling Systems
- Filter aid dosing unit
- Mobile and tiltable sludge cart
- Emulsion mixing unit
- Pumping stations
- Oil skimmer
- Piping engineering

HKF | DBF THE MULTI-TALENTED ONE

HOFFMANN Pressure Belt Filters HKF | DBF are suited for the filtration of oils, emulsions, synthetic solutions, process water and other fluids. Apart from their use in metal processing, the wide field of HOFFMANN Pressure Belt Filter applications also includes steel production, the chemical industry and environmental technology, both as single or central systems.

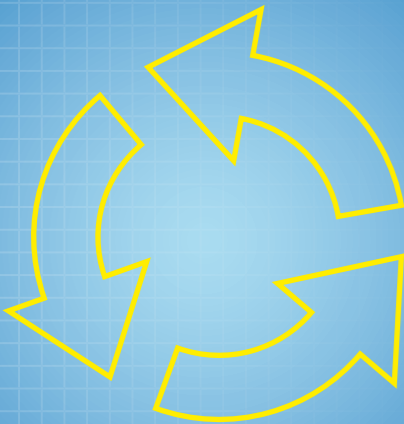
VERSIONS			
MODEL	FILTRATION CAPACITY OIL *	FILTRATION CAPACITY PRECOATED **	FILTRATION CAPACITY EMULSION ***
HKF 1,0	500 l/min	400 l/min	1.000 l/min
HKF 1,5	750 l/min	600 l/min	1.500 l/min
HKF 2,5	1.250 l/min	1.000 l/min	2.500 l/min
DBF 3,0	1.500 l/min	1.200 l/min	3.000 l/min
DBF 4,0	2.000 l/min	1.600 l/min	4.000 l/min
DBF 5,0	2.500 l/min	2.000 l/min	5.000 l/min
DBF 6,0	3.000 l/min	2.400 l/min	6.000 l/min
* Based on grinding oils with a viscosity of 20 mm²/s at 40 °C			
** Based on grinding oils with a viscosity of 20 mm²/s at 40 °C, precoated with cellulose			
*** Based on grinding emulsions with a viscosity of 1 mm²/s at 20 °C			

FILTERING

- Drum Magnetic Separator
- Belt Filter
- Suction Belt Filter
- Vacuum Belt Filter
- Pressure Belt Filter

- For ultra-fine and clear filtration of fluids
- For highly demanding applications
- For starting off where others stop

Precoat Filter



ULTIMATE

For the finest surface precisions.

The ultimate feature of this filter system is the absolutely clear filtration via precoated filter plates in a filter vessel. These are first of all precoated with a layer of filter aids (diatomaceous earth, cellulose or the like). This primary layer carries out ultra-fine and clear filtration with nominally down to 3 µ filter fineness from the start. The filter cake grows and compresses steadily during filtration, dropping throughput capacity and increasing the pressure in the vessel.

When a maximum differential pressure is reached or a preset filtration time expires, the filter plates are cleaned and the filter sludge is dried. Depending on the degree of automation, filter aid dosage, cleaning of the filter plates and drying of the filter sludge will be manual, semi-automatic or fully automatic. The cleaned fluid may be cooled in the clean tank before being pumped to the machines.

THOROUGH.
CONSTANT.
RELIABLE.



ASF THE CLEAR ONE

HOFFMANN Precoat Filters ASF are especially suited where other filter systems have reached their performance limits, such as in the machining of cast iron, hard metal or HSS. It is especially used for ultra-fine and clear filtration of oils, synthetic solutions, process water and other fluids where a clear filtrate down to nominally 3 µ is always required. In addition to their use in metal processing, the special fields of application also render HOFFMANN Precoat Filters ideal in the beverage and environmental industries, as single or central systems.

VERSIONS		
VESSEL MODEL	FILTRATION CAPACITY*	
A 0	10 bis	40 l/min
A 1	40 bis	80 l/min
A 2	80 bis	120 l/min
VSAF 2	40 bis	200 l/min
VSAF 5	200 bis	900 l/min
VSAF 10	900 bis	2.000 l/min
Due to the compact and space-saving modular design, filtration capacities in excess of 15.000 l/min are achievable		
* Based on machining oils with a viscosity of 20 mm²/s at 40°C, depending on application		

AREAS OF APPLICATION

- e.g.
- Turning machines
 - Grinding machines
 - Honing machines
 - Finishing machines
 - Lapping and polishing machines
 - Gearbox test benches

ADVANTAGES

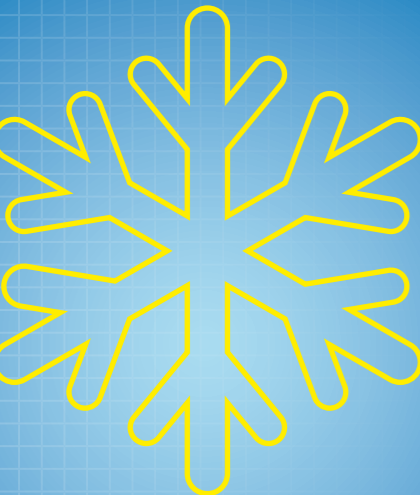
- Ultra-fine and clear filtration
- Steel-mesh filter plates for enduring use
- Robust and reliable design and operation
- Manual, semi-automatic or fully automatic operation – as per customer requirement
- High filtration capacity for the supply of complete production lines
- Continuous supply of your machine(s) without downtime

OPTIONS

- HOFFMANN Cooling Systems
- Magnetic separator
- Filter aid dosing unit
- Bag and big-bag discharge system
- Mobile and tiltable sludge cart
- Pumping stations
- Piping engineering

COOLING

- Immersion Cooler
- Continuous-Flow Cooler
- Water Cooler
- Special Solutions



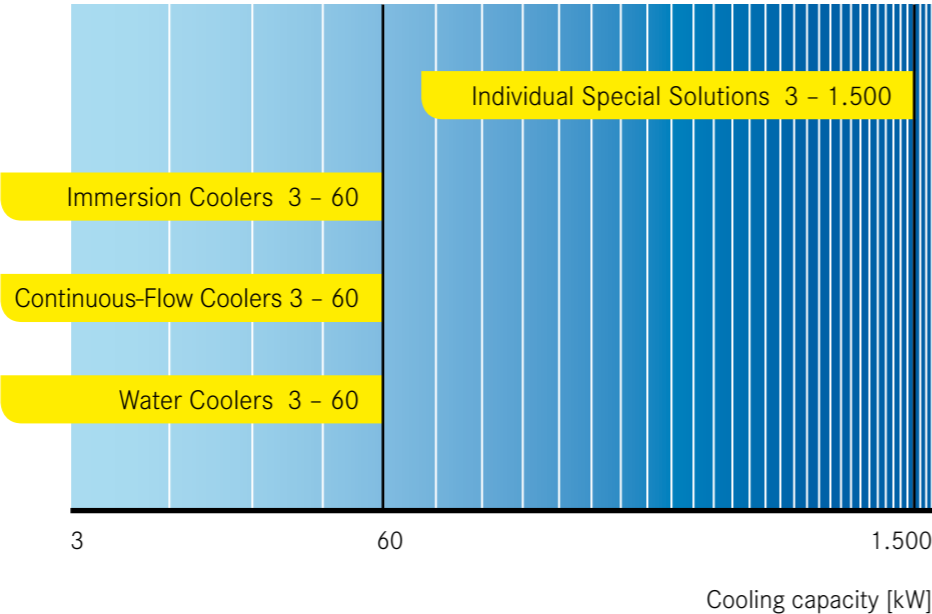
ACCURATE.
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HOFFMANN manufactures high-quality coolers in individual and series production. Our special and standard coolers are designed to meet the requirements of customers in all industry sectors.
HOFFMANN Coolers are used to cool any type of fluid. We offer our customers consultations, development, engineering, manufacturing, commissioning and a worldwide service.



Comprehensive range of standard an special coolers.
Your wish is our command.



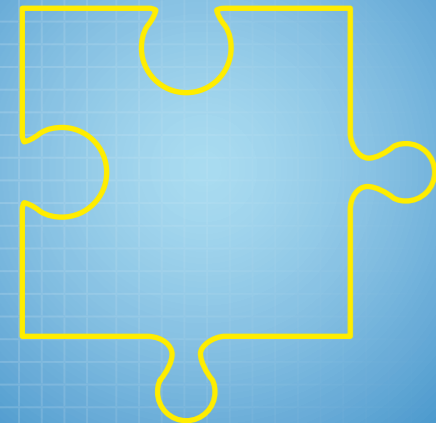
For more information, please refer to our cooling systems product catalogue

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ACCESSORIES

- Cooling systems
- Magnetic separators
- Pressure boosting units
- Return pump stations
- Sludge carts
- Filter aid dosing units
- Bag and big-bag discharge systems
- Emulsion mixing units
- Oil skimmers
- Collecting basins according to WHG
- Drip trays
- Piping engineering
- Filter plates
- Filter belts



ORIGINAL.
BETTER.
HOFFMANN.

ALL UNDER
ONE ROOF

The coordinated HOFFMANN original accessories allow the implementation of optimal filter system solutions.



Filter plate



Filter belt



Magnetic separator



Filter aid dosing unit



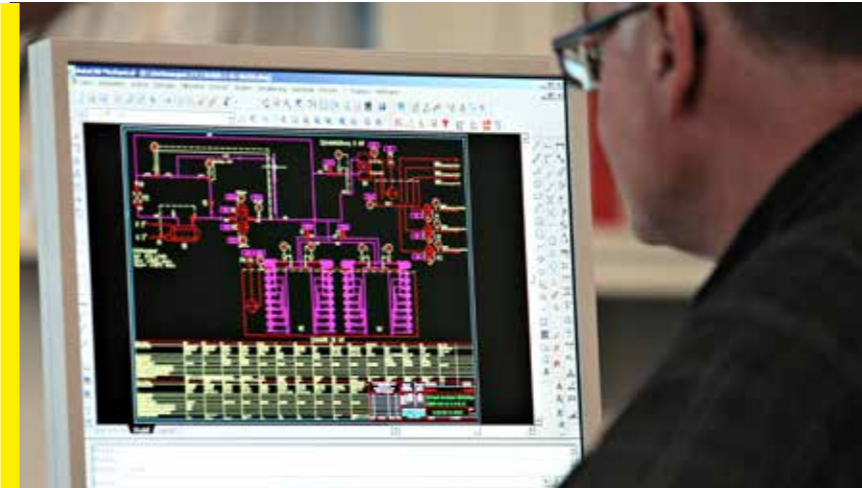
Return pump station



Pressure boosting unit

OUR CUSTOMER SERVICE –
TO YOU, WORLDWIDE

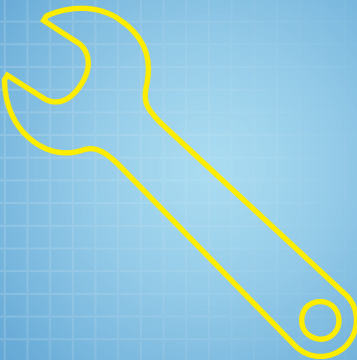
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WORLDWIDE.
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Intelligent solutions for

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All components from one source.

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