

# Inborn Filter<sup>TM</sup>

## INDUSTRIAL HYDRAULIC FILTER ELEMENT

MANUFACTURE, CUSTOM & DESIGN





**Inborn Filter**<sup>TM</sup>  
HYDRAULIC FILTER

# Industrial Hydraulic Filter Element

Manufacture, Custom & Design

## About **Yinbeier & Inborn Filter**<sup>TM</sup>

Yinbeier manufactures a complete line of  
**replacement filter element** for industrial production



Hengshui Yinbeier Hydraulic Filter Co., Ltd. established in 2003 and began with producing and researching hydraulic filter elements. During years of researching and development, we have grown into a professional company, which is specialized in manufacturing, designing and customizing industrial filter element for customers from all over the world.

We have more than 10 production lines which cover hydraulic oil, air dust, water, compressed air, fuel and coolants industrial filter elements.

We brought in more than 200 sophisticated equipment and the annual output is more than 100 millions filter elements, which can satisfy the large and urgent orders of our customers.

We have more than 500 workers until now. And the company regularly organize training and assessment to ensure that all staff are in the best condition and can get the latest technology and skills.





17+

17 Years Experience



1.48 M

1.48 M Registered Capital



3000+

3000+ filter elements



500+

500+ workers



1000+

1000+ square meters  
workshop



10+

10+ R&D Staffs



800+

800+ Design &  
Custom Records



200+

200+ Customer  
Countries & Regions



20,000+

20,000+ Annual Output

## Company History

**Present**

Formed a professional foreign trade team, established a special foreign trade brand.

Products are exported to Kazakhstan, the United States, Indonesia and other countries

**2017**

Special Contributions

**2015**

Passed ISO 9001 and CE certification

**2012**

Build "Inborn Filter<sup>TM</sup>" Brand

**2011**

Local well-known companies

**2009**

Member of Anti-Counterfeiting Association

**2005**

Determined company development and product marketing directions

**2003**

Establishment

# Industrial Hydraulic Filter Element

*Guarantee high output and efficiency in industrial production*

Filter element plays important roles in hydraulic system. They can help to supply pure hydraulic oil, guarantee the normal working of hydraulic system and contributes to high production efficiency and reduce downtime and costs.



Air  
filter elements

Suction line  
filter elements

Pressure line  
filter elements  
(low, medium and high  
pressure filter elements)

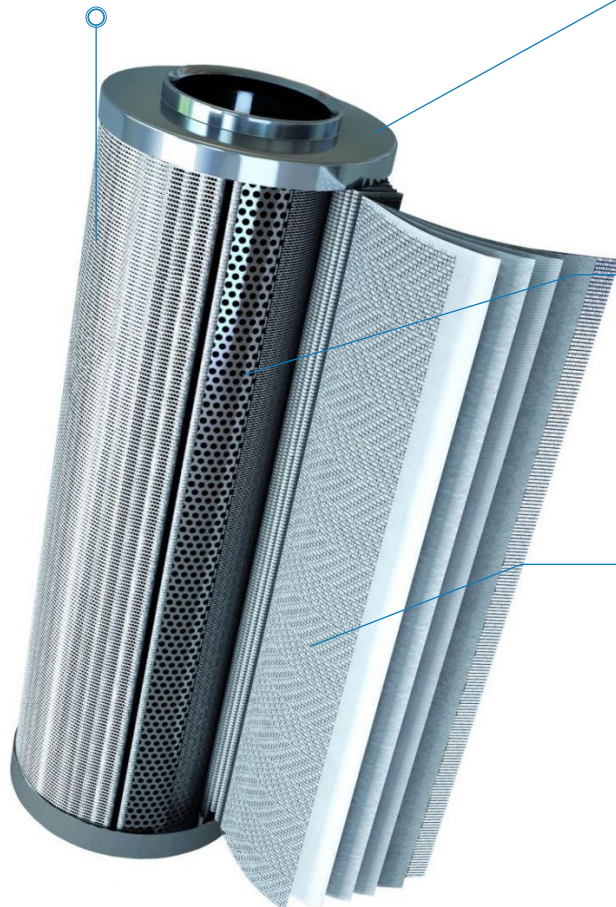
Return line  
filter elements

Different applications use one or other combined filter elements for production filtration.



### Optional

Some hydraulic filter elements have additional outer support layer to withstand the high pressure and extend elements service life.



#### End Plates

It have top and bottom end plates to combine the whole filter elements together and easy assembly to equipment and pipelines. The end plates are commonly made of galvanized or plastic plates.

#### Inner support

Most hydraulic applications have a large pressure differential across its elements, so it need the inner support tube to increase the collapse resistance. The inner support tubes are commonly carbon steel or stainless steel perforated metal tubes.

#### Filtration materials

This is the main filtering material to increase the surface area and filtration efficiency. The filtering materials have different types:

- (1) Microglass fibers.
- (2) Filter papers.
- (3) Stainless steel wire mesh
- (4) Sintered stainless steel media.

## Technical Data

- Filter material: glass fiber, filter paper, stainless steel wire mesh, sintered stainless steel meshes.
- Filtration accuracy: 1  $\mu\text{m}$  to 200  $\mu\text{m}$
- Working pressure: 10 bar to 420 bar
- Working temperature: -30  $^{\circ}\text{C}$  to 100  $^{\circ}\text{C}$
- Sealing material: nitrile, viton, and other on request.
- End design: single or double open end, bypass valve with opening pressure options.

## Benefits

- Remove contaminants in hydraulic system.
- Guarantee better fluid cleanliness
- Reduce the shutdown time and cycle.
- Save production time, improve production efficiency.
- Protect hydraulic system components such as fittings, hoses, valves, pumps, from contaminants.
- Extend components and equipment service life.
- Reduce equipment maintenance cycle and cost.
- Save replacement filter elements than the original brands.

## Replacement Filter Elements



Custom



Design

Yinbeier manufactures a complete line of replacement filter element for industrial production, our Inborn Filter™ are functionally and dimensionally interchangeable with industrial OEM filter manufacturer elements.

 Manufacturer # ☐ Yinbeier #

	cch0032d1	cch0032v1	cch003td1	cch003tv1	cch151ft1	cch151fd1	cch151fv1
	xxs3375w2	xxs3375e2	xxs337gw2	xxs337ge2	xxs282ug2	xxs282uw2	xxs282ue2
	cch151cd1	cch151cv1	cch151mv1	cch151ms1	cch1512t1	cch1512d1	...
	xxs282xw2	xxs282xe2	xxs282ne2	xxs282nh2	xxs2825g2	xxs2825w2	...
	GX-10x3	GX-10x5	GX-10x10	GX-10x20	GX-10x30	GX-10x40	GX-25x3
	TC-23x7	TC-23x8	TC-23x23	TC-23x53	TC-23x73	TC-23x63	TC-58x7
	GX-25x5	GX-25x10	GX-25x20	GX-25x30	GX-25x40	GX-40x3	...
	TC-58x8	TC-58x23	TC-58x53	TC-58x73	TC-58x63	TC-63x7	...
	AD033B40B	LS003A05B	LS005A05B	LS008A05B	LS014A05B	LS020A05B	...
	ZW377Y63Y	OH337Z38Y	OH338Z38Y	OH339Z38Y	OH326Z38Y	OH353Z38Y	...
	TXW13R-3-B	TXW13R-3-V	TXW13R-6	TXW13R-6-B	TXW13R-6-V	TXW13R-CC10	...
	GCD271-7-Y	GCD271-7-E	GCD271-0	GCD271-0-Y	GCD271-0-E	GCD271-XX23	...
	HC8400FUP39H	HC8500FKP8Z	HC8500FDS26Z	HC8700FKZ4Z	HC8400FUN39H	HC8500FKN8Z	...
	SX9633UFG71S	SX9833UPK9A	SX9833UWH50A	SX9433UPA6A	SX9633UFM71S	SX9833UPM9A	...
	V0112B2C03	V0112B2C05	V0112B2C10	V0112B2C20	V0112RB2C03	V0112RB2C05	...
	E3225Y5X37	E3225Y5X38	E3225Y5X23	E3225Y5X53	E3225Y5X37	E3225Y5X38	...
	P566449	P566371	P566369	P167186	P566211	P566338	...
	K800661	K800742	K800701	K204290	K800522	K800779	...
	0030D02	0030D003BN/HC	0030D005BN/HC	0030D010BN/HC	0030D020BN/HC	0060D	...
	3373W35	3373W337YM/SX	3373W338YM/SX	3373W323YM/SX	3373W353YM/SX	3303W	...
	PI1111MIC10	PI1015MIC25	PI8130DRG10	PI8530DRG100	PI1130MIC10	PI1030MIC25	...
	KR2222NRX23	KR2328NRX58	KR9273WIT23	KR9873WIT233	KR2273NRX23	KR2373NRX58	...
	PT714	PT708-HD	PT707-HD10	PT694	PT691	PT685-MPG	...
	KG426	KG439-SW	KG434-SW23	KG016	KG012	KG098-NKT	...
	51058	51140	51194	51197	51204	51294	...
	82389	82263	82216	82214	82536	82516	...
	R928005614	R928005615	R928005616	R928005617	R928005618	R928005619	...
	I159338026	I159338028	I159338020	I159338024	I159338029	I159338021	...
	MP3116	MP3152	MP3188	MP3224	MP3117	MP3153	...
	NK7220	NK7285	NK7299	NK7556	NK7224	NK7287	...
	18LS7	18LZ7	39QCLZ1V	39QCLZ10V	39QCLZ25V	39QCLZ3V	...
	29OH4	29OA4	71JXOA2E	71JXOA23E	71JXOA58E	71JXOA7E	...
	10005G100A000P	10005G10A000P	10005G25A000P	10005G40A000P	10005G60A000P	10005G80A000P	...
	23338T233Z333K	23338T23Z333K	23338T58Z333K	23338T63Z333K	23338T03Z333K	23338T93Z333K	...
	P3501210U	P3501310U	P3502210U	P3502310U	P351A0310U	P351A0360W	...
	K7832523F	K7832723F	K7835523F	K7835723F	K782Z3723F	K782Z3703D	...

Manufacturer # ☐ Yinbeier #

<b>MANN+HUMMEL</b>	4500353106	4500453106	4500653106	4500953105	4500955115	4501255105	4502155104
	6833787230	6833687230	6833087230	6833187238	6833188228	6832588238	6835288236
	4930152101	4930152102	4930152311	4930152321	4930153101	4930154111	...
	6173285232	6173285235	6173285722	6173285752	6173287232	6173286222	...
<b>internormen</b> technology	01E9016VG30EP	01E9010P30EP	01E9003VGHREV	01E90010VGHREP	01E63110VG16SV	01E6003VGHREP	01E3606VGHREP
	32V1320ET73VK	32V1323K73VK	32V1337ETSIVE	32V13323ETSIVK	32V07223ET20HE	32V0337ETSIVK	32V7030ETSIVK
	01E33010VG16SP	01E303VG30EP	01E24010VGHREV	01E21010VG16SP	01E17010VG30EV	01E15016VGHREP	...
	32V77323ET20HK	32V737ET73VK	32V56323ETSIVE	32V52323ET20HK	32V24323ET73VE	32V28320ETSIVK	...
<b>HY-PRO</b> FILTRATION	HP16RNL525WB	HP170L1012MV	HP16RNL512MB	HP16RNL512MSB	HP16RNL525MB	HP170L1025WB	HP170L525WV
	SK20IMO858DY	SK243O2325NE	SK20IMO825NY	SK20IMO825NHY	SK20IMO858NY	SK243O2358DY	SK243O858DE
	HP75L810CB	HP74L812MB	HP74L412MB	HP66L825MB	HP66L136MV	HP65L266MV	...
	SK48O923XY	SK46O925NY	SK46O625NY	SK00O958NY	SK00O270NE	SK08O500NE	...
<b>ARGO HYTOS</b>	P3.0833-01	V3.0520-03	V3.1060-16	V3.0520-16	V3.1449-53	V3.0510-06	V7.1235-53
	K7.3977-32	E7.3853-37	E7.2303-20	E7.3853-20	E7.2661-87	E7.3823-30	E4.2578-87
	V3.0724-06	K3.0718-56	V3.0623-18	P3.0714-01	S2.0920-05	V2.0923-07	...
	E7.3456-30	P7.3429-80	E7.3057-29	K7.3426-32	H5.3153-38	E5.3157-34	...
<b>fluitek</b> CORPORATION	FLK0200184	FLK0201115	FLK0201314	FLK0201337	FLK0201891	FLK0202246	FLK0202354
	UOP3533296	UOP3532228	UOP3532726	UOP3532774	UOP3532912	UOP3535560	UOP3535786
	FLK0202362	FLK0202483	FLK0202485	FLK0204608	FLK0205670	FLK0206827	...
	UOP3535705	UOP3535697	UOP3535698	UOP3536039	UOP3538043	UOP3530954	...
<b>RRR</b> Triple R	TR-20430	TR-20230	TR-20330	TR-20000	TR-20270	TR-20370	TR-20470
	GI-53673	GI-53573	GI-53773	GI-53333	GI-53543	GI-53743	GI-53643
	TR-25250	TR-25350	TR-25450	TR-25470	TR-25480	TR-20125	...
	GI-58583	GI-58783	GI-58683	GI-58643	GI-58693	GI-53258	...
<b>FILTREC</b>	D650G25B	D650G10B	D650G06B	D650C03AV	D632G03	D630G06	D622G25V
	W083T58Y	W083T23Y	W083T30Y	W083X37ZE	W075T37	W073T30	W055T58E
	D622G03	D620G25V	D620G01V	D616G01	D614G03V	D612G10V	...
	W055T37	W053T58E	W053T32E	W020T32	W026T37E	W025T23E	...
<b>BOLLFILTER</b> Protection Systems	1143103	10997730	1980084	1943048	1940990	1940971	...
	2267237	23114473	2193396	2167369	2163113	2163142	...
<b>KALMAR</b>	9210970001	9216890009	9216890007	9230710001	9236360383		
	1523143332	1520913331	1520913334	1573423332	1570703797		
<b>MASSEY FERGUSON</b>	371912793	1469597M1	3615949M2				
	742125417	2601814N2	7028161N5				
<b>KATO</b>	68934401001	68937310010	ME064356				
	09176632332	09174723323	NV306780				
<b>Linde</b>	0009831645	0009830633					
	3331972068	3331973077					
<b>LIUGONG</b>	53C0066						
	87X3300						



## Manufacture & OEM

Hengshui Yinbeier Hydraulic Filter Co., Ltd. manufactures a complete line of industrial filter elements which are functionally and dimensionally interchangeable with industrial OEM filter manufacturer elements. Main brands are as follows:





# Custom A Filter

Our part number list is continuously update, if you can't not find you want, just submit the following forms and deliver to us via E-mail, our professional sales will reply you as soon as possible. You will get both the accurate prices and delivery.

**Part number you were looking for not found?**



An asterisk (\*) indicates a required field

**Name\***

**Company Name**

**Phone\***

**E-mail\***

**Part numbe\***

**Any other available information**

( such as quantity needed, requirements, etc. )

Inborn Filter™ laser equipment accurately marks your logo, phone number, website, part number or QR code, producing a spectacular presentation. so your customer will return to you for replacement elements.

Inborn Filter™ offers a variety of plating options, To meet the product different materials and your different needs.

**We can mark on: Stainless steel,  
Aluminum, Plated\*, Plastic**



**Inborn Filter™**  
HYDRAULIC FILTER

**Add:**

Jingxian County, Hengshui City, Hebei Province, China.

**Tel:**

+86-318-4361058

**Web:**

www.umfilter.com

**E-mail:**

sales@umfilter.com

# Design A filter



If your existing filter elements cannot achieve the promised service life or performance, maybe the filter elements are not compatible with your equipment. We can assist you design filter elements to solve existing problems and enhance filter element performance and service life.

**Submit the following forms and let us know your current situations and problems for our design and recommendation.**



*An asterisk (\*) indicates a required field*

**Name\***

**Company Name**

**Phone\***

**E-mail\***

**Max. Pressure\***

**Max. Temperature\***

**Filter Media\***

*( oil, water, air, etc )*

**Application Details\***

*( equipment, element position, industry, etc. )*

Inborn Filter™ laser equipment accurately marks your logo, phone number, website, part number or QR code, producing a spectacular presentation. so your customer will return to you for replacement elements.

Inborn Filter™ offers a variety of plating options, To meet the product different materials and your different needs.

**We can mark on: Stainless steel, Aluminum, Plated\*, Plastic**

**Max. Flow Rate**

**Filter Precision Requirements**

**Marks**

**Current Problems**

**Other Requirements**



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**Web:**

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## ABOUT YINBEIER & INBORN FILTER™

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## MANUFACTURE, CUSTOM & DESIGN

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