



Xingyuan Filter Press Catalogue

Chamber Filter Press (1500*1500 series)



FEATURES:

Filtration area from 200 to 560 m²

Chamber volume from 3.06 to 9.68 m³

Cake Thickness from 30 to 50 mm

Low and high pressure: 100 psi (7bar), 225 psi (16bar), higher pressure

Slurry temperature: from -10 to + 100°C

Membrane squeezing system: air, water

Standard plate packs: Chamber plate, membrane plate, CGR plate

Filter plate material: Polypropylene

Closure system: Automatic closure (Electric Hydraulic)

Control systems: Standard control panel, PLC control

Filtration discharge: Open, Close

Filter cake washing/Blowing type

Plate shifting: Automatic shifting plate, Fast opening

Wetted material: Mild steel, SS304, SS316L, PP, Mild steel with TPFE

Custom paint system

OPTIONS:

Expansion options available for future capacity

Two side feeding

Drip tray device

Filter cloth washing device

Filter cloth tilting device

Filter cloth shaking device



Filter cake hopper

Filter cake conveyor

Chute

Elevated Platforms

Safety: Splash Curtain, Safety Guard, Safety Light Curtains

Text displayer or HMI

DCS

Explosion-proof occasions

Pressure Gauge

Pipeline

Valves

Motor

Feed Pumps: Pneumatic diaphragm pump, Progressive cavity pump, Centrifugal pump, Reciprocating pump

1500*1500 SERIES TECHNICAL DATA:

Filtration area (m ²)	Chamber volume (m ³)	Qty chamber (pcs)	Cake Thickness (mm)
200	3.06	52	35
220	3.29	56	35
240	3.365	62	35
250	3.76	64	35
280	4.23	72	35
300	4.59	78	35
320	4.82	82	35
340	5.17	88	35
400	6.00	102	35
450	6.82	116	35



Chamber Filter Press (1250*1250 series)



FEATURES:

Filtration area from 50 to 300 m²

Chamber volume from 2.09 to 6.49 m³

Cake Thickness from 30 to 50 mm

Low and high pressure: 100 psi (7bar), 225 psi (16bar), higher pressure

Slurry temperature: from -10 to + 100°C

Membrane squeezing system: air, water

Standard plate packs: Chamber plate, membrane plate, CGR plate

Filter plate material: Polypropylene

Closure system: Automatic closure (Electric Hydraulic)

Control systems: Standard control panel, PLC control

Filtration discharge: Open, Close

Filter cake washing/Blowing type

Plate shifting: Automatic shifting plate, Fast opening

Wetted material: Mild steel, SS304, SS316L, PP, Mild steel with TPFE

Custom paint system

OPTIONS:

Expansion options available for future capacity

Two side feeding

Drip tray device

Filter cloth washing device

Filter cloth tilting device

Filter cloth shaking device

Filter cake hopper

Filter cake conveyor

Chute

Elevated Platforms

Safety: Splash Curtain, Safety Guard, Safety Light Curtains



Text displayer or HMI

DCS

Explosion-proof occasions

Pressure Gauge

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Motor

Feed Pumps: Pneumatic diaphragm pump, Progressive cavity pump, Centrifugal pump, Reciprocating pump

1250*1250 SERIES TECHNICAL DATA:

Filtration area (m ²)	Chamber volume (m ³)	Qty chamber (pcs)	Cake Thickness (mm)
50	0.73	20	30
80	1.17	32	30
100	1.46	40	30
120	1.75	48	30
150	2.12	58	30
180	2.56	70	30
200	2.85	78	30
220	3.14	85	30
250	3.58	98	30
280	4.02	110	30
300	4.31	118	30



Chamber Filter Press (1000*1000 series)



FEATURES:

- Filtration area from 60 to 160 m²
- Chamber volume from 0.923 to 2.381 m³
- Cake Thickness from 30 to 50 mm
- Low and high pressure: 100 psi (7bar), 225 psi (16bar), higher pressure
- Slurry temperature: from -10 to + 100°C
- Membrane squeezing system: air, water
- Standard plate packs: Chamber plate, membrane plate, CGR plate, Plate and frame
- Filter plate material: Polypropylene
- Closure system: Automatic closure (Electric Hydraulic)
- Control systems: Standard control panel, PLC control
- Filtration discharge: Open, Close
- Filter cake washing/Blowing type
- Plate shifting: Manual shifting plate, Automatic shifting plate
- Wetted material: Mild steel, SS304, SS316L, PP, Mild steel with TPFE
- Custom paint system

OPTIONS:

- Expansion options available for future capacity
- Two side feeding
- Drip tray device
- Filter cloth washing device
- Filter cloth tilting device
- Filter cloth shaking device
- Filter cake hopper
- Filter cake conveyor
- Cake Carts
- Chute



Elevated Platforms

Safety: Splash Curtain, Safety Guard, Safety Light Curtains

Text displayer or HMI

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Feed Pumps: Pneumatic diaphragm pump, Progressive cavity pump, Centrifugal pump, Reciprocating pump

1000*1000 SERIES TECHNICAL DATA:

Filtration area (m ²)	Chamber volume (m ³)	Qty chamber (pcs)	Cake Thickness (mm)
60	0.87	38	30
80	1.01	50	30
100	1.14	62	30
120	1.69	74	30
140	1.97	86	30
160	2.24	98	30



Chamber Filter Press (800*800 series)



FEATURES:

- Filtration area from 5 to 100 m²
- Chamber volume from 0.058 to 1.456 m³
- Cake Thickness from 20 to 50 mm
- Low and high pressure: 100 psi (7bar), 225 psi (16bar), higher pressure
- Slurry temperature: from -10 to + 100°C
- Membrane squeezing system: air, water
- Standard plate packs: Chamber plate, membrane plate, CGR plate, Plate and frame
- Filter plate material: Polypropylene
- Closure system: Automatic closure (Electric Hydraulic)
- Control systems: Standard control panel, PLC control
- Filtration discharge: Open, Close
- Filter cake washing/Blowing type
- Plate shifting: Manual shifting plate, Automatic shifting plate
- Wetted material: Mild steel, SS304, SS316L, PP, Mild steel with TPFE
- Custom paint system

OPTIONS:

- Expansion options available for future capacity
- Two side feeding
- Drip tray device
- Filter cloth washing device
- Filter cloth tilting device
- Filter cloth shaking device
- Filter cake hopper
- Filter cake conveyor
- Cake Carts
- Chute
- Elevated Platforms
- Safety: Splash Curtain, Safety Guard, Safety Light Curtains



Text display or HMI

DCS

Explosion-proof occasions

Pressure Gauge

Pipeline

Valves

Motor

Feed Pumps: Pneumatic diaphragm pump, Progressive cavity pump, Centrifugal pump, Reciprocating pump

800*800 SERIES TECHNICAL DATA:

Filtration area (m ²)	Chamber volume (m ³)	Qty chamber (pcs)	Cake Thickness (mm)
15	0.204	14	30
20	0.291	20	30
30	0.437	30	30
40	0.583	40	30
50	0.728	50	30
60	0.874	60	30
70	1.019	70	30
80	1.165	80	30
90	1.311	90	30
100	1.456	100	30



Chamber Filter Press (400*400 series)



FEATURES:

Filtration area from 1 to 5 m²

Chamber volume from 5 to 27 L

Cake Thickness from 25 mm

Low and high pressure: from 1bar to 5bar

Slurry temperature: from -10 to + 90°C

Standard plate packs: Chamber plate

Filter plate material: Polypropylene

Closure system: Manual, Automatic closure (Electric Hydraulic)

Filtration discharge: Open, Close

Filter cake washing/Blowing type

Plate shifting: Manual shifting plate

Wetted material: Mild steel, SS304, SS316L, PP, Mild steel with TPFE

Custom paint system

OPTIONS:

Expansion options available for future capacity

Two side feeding

Cake Carts

Elevated Platforms

Explosion-proof occasions

Pressure Gauge

Pipeline

Valves

Motor



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Feed Pumps: Pneumatic diaphragm pump, Progressive cavity pump, Centrifugal pump, Reciprocating pump

400*400 SERIES TECHNICAL DATA:

Filtration area (m ²)	Chamber volume (L)	Qty chamber (pcs)	Cake Thickness (mm)	Weight (kg)
1	15	6	25	358
1.6	24	8	25	375
2	30	12	25	400
2.5	37.5	14	25	410
3	45	16	25	420
4	60	22	25	465
5	75	28	25	500