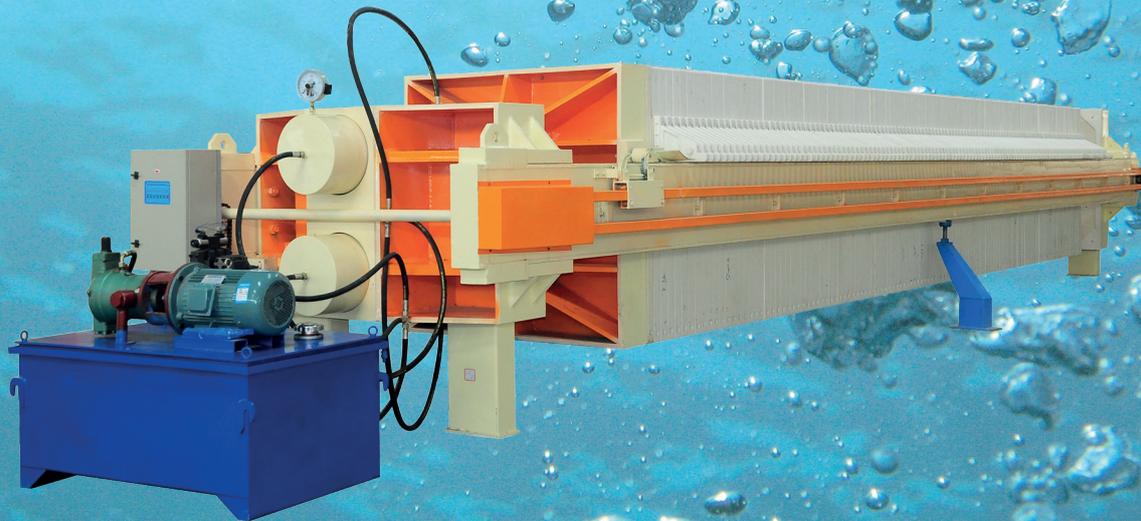


The Filter Press Co. Ltd.

Filtration & Separation Technologies





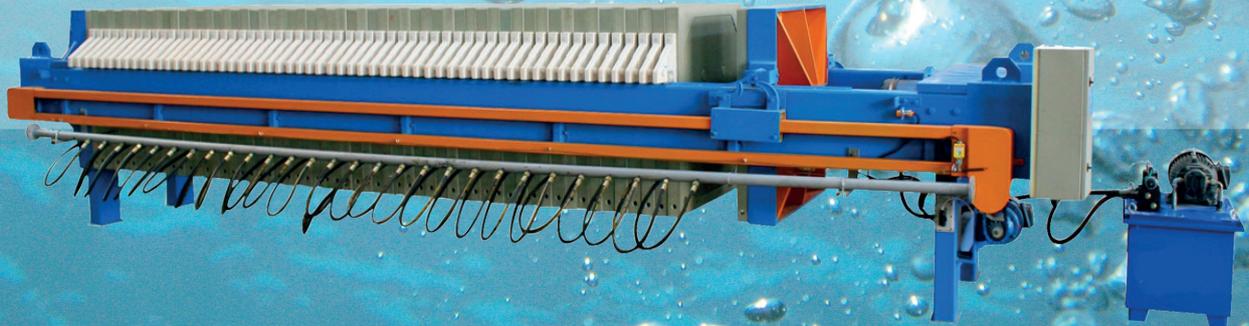
The Company

Our company has been established in the supply of Filtration & Separation Equipment for many years. We are fully committed to the development, design, manufacture, sales and services of our equipment, and feel that you can be confident in choosing us for your Filtration & Separation requirements. The Filter Presses that we supply are manufactured using professional CAD/CAM production technology, modern manufacturing equipment, and 'State of the art' inspection & testing. In order to meet the many varying filtering requirements of our customers, we are constantly developing and improving our product technology, quality, process automation and after-sale service, to be able to give you the service you would come to expect from our company.

The Product

The Filtration equipment we supply includes the Plate & Frame Filter Press, Chamber Filter Press, Membrane Filter Press, Belt Filter Press and Polymer tanks. We also supply all the supporting filter cloths, Polypropylene filter plates and liquid-conveying pumps. We design and manufacture the hydraulic systems for the opening and closing of the Filter Presses, and the material conveying equipment for the filter cake. The Filter Press operation includes hydraulically operated: utilising a small power pack along with a PLC control panel for Automatic Operation. Or you can use them manually using a Hydraulic jack, or a manual jack for opening and closing the filter plates. The opening of the filter plates can be done automatically, and can incorporate a plate shaker to make sure the cake is released from the filter media; also automatic screen washing system can be installed.

The sizes of our Filter Press Plates range from 320 x 320, up to our largest filter plates 2000 x 2000. The Filtration Area of our Filter Presses are up to 2000m². The Cake Capacity of our Filter Presses, up to 20m³.





Hydraulic Chamber Filter Press

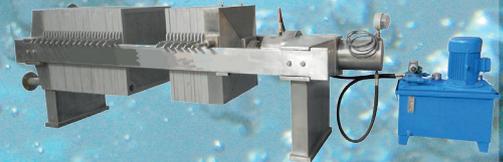
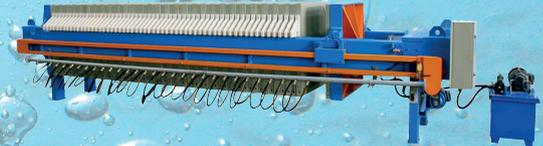
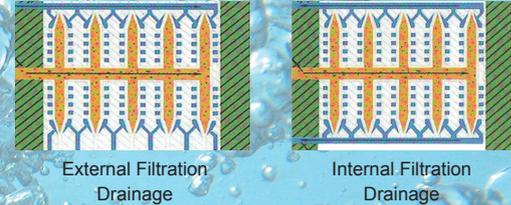
Hydraulic Chamber Filter Press is made up of two recessed chamber plates. Slurry is pumped into the press by the feed pump, the suspension is pumped into each filter chamber and the solids are collected in the chamber on the filter cloth, while the filtrate passes through filter cloth and flows along the filter plate recesses to the discharge channel. When the filtration is complete, washing water can be introduced to wash the filter cake. After washing, compressed air can be introduced to blow the remaining wash liquid out through the filter cloth. Cake discharge can now take place by opening the filter plates, and the cake will discharge generally by gravity. The cakes are stored in filter chamber between the two filter plates.

Hydraulic Membrane Filter Press

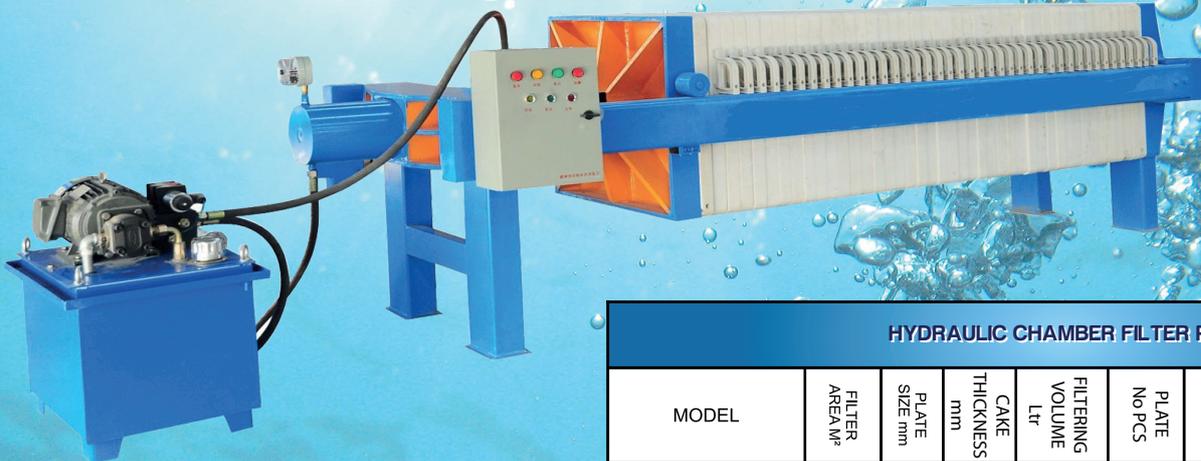
Hydraulic Membrane Filter Press is very similar to the Chamber Filter Press but adopts an inflatable Membrane on one side of the filter plates, which when inflated to high pressure squeezes the filtered cake reducing the moisture content of the cake even more. The squeezing medium can be air squeeze (compressed air /N2), or liquid squeezing (water or other medium), it depends on the process. We can customize this for food grade Filter Presses. The controls for the system are usually Human-Machine Interface HMI and PLC controlled.

Hydraulic Plate & Frame Filter Press

Hydraulic Plate & Frame Filter Press has been used for many years in the dewatering industries, and is widely used in sludge dewatering. The plates and frames of this type of press are arranged alternately in parallel, and the filter cloth is clamped between each filter plate and filter frame. When this filter press is used for sludge treatment, the plates and the frames are compacted using a hydraulic cylinder, and when compacted, the press will form a filter chamber between the filter plate and the filter frame. Sludge will be pumped in through the inlet flange, and filtrate will discharge through the filtrate holes in the filter plates, the filter cake will build up in the filter frame and filter through the cloth on the filter plate, the filter cake is easy to discharge after loosening the impacted plate and frame. The Hydraulic Plate and Frame Filter Press has the advantages of simple operation, and a high solids capability.



HYDRAULIC CHAMBER FILTER PRESS
450 - 630 - 800 - 870



HYDRAULIC CHAMBER FILTER PRESS

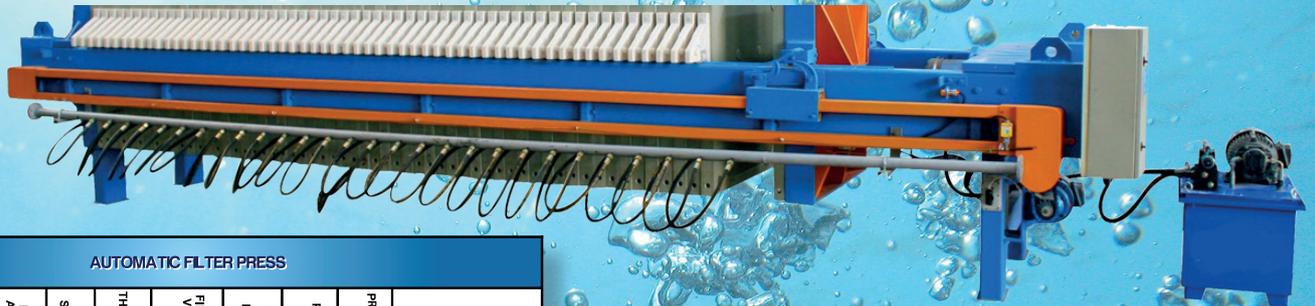
| MODEL | FILTER AREA M ² | PLATE SIZE mm | PLATE THICKNESS mm | CAKE THICKNESS mm | FILTERING VOLUME Ltr | PLATE NO PCS | POWER KW | PRESSURE mpa | DIMENSION L x W x H mm |
|-----------------|----------------------------|---------------|--------------------|-------------------|----------------------|----------------|----------|--------------|------------------------|
| XAMY4/450-30U0 | 4 | 450 x 450 | 30 | 60 | 60 | 14 | 2.2 | 0.6 | 1950*700*900 |
| XAMY6/450-30U0 | 6 | | | | 91 | | | | 2200*700*900 |
| XAMY8/450-30U0 | 8 | | | | 121 | | | | 2450*700*900 |
| XAMY10/450-30U0 | 10 | | | | 151 | | | | 2700*700*900 |
| XAMY12/450-30U0 | 12 | | | | 182 | | | | 2950*700*900 |
| XAMY15/450-30U0 | 15 | | | | 225 | | | | 3300*700*900 |
| XAMY16/450-30U0 | 16 | 630 x 630 | 30 | 243 | 243 | 24 | 2.2 | 0.6 | 3450*700*900 |
| XAMY15/630-30U0 | 15 | | | | 226 | | | | 2640*900*1100 |
| XAMY20/630-30U0 | 20 | | | | 297 | | | | 2940*900*1100 |
| XAMY30/630-30U0 | 30 | | | | 452 | | | | 3590*900*1100 |
| XAMY40/630-30U0 | 40 | | | | 595 | | | | 4300*900*1100 |
| XAMY30/800-30U0 | 30 | | | | 800 x 800 | | | | 30 |
| XAMY40/800-30U0 | 40 | 595 | 4300*1400*1300 | | | | | | |
| XAMY50/800-30U0 | 50 | 749 | 4840*1400*1300 | | | | | | |
| XAMY60/800-30U0 | 60 | 902 | 5440*1400*1300 | | | | | | |
| XAMY70/800-30U0 | 70 | 1,056 | 6040*1400*1300 | | | | | | |
| XAMY30/870-30U0 | 30 | 870 x 870 | 30 | 460 | | 460 | 23 | 2.2 | |
| XAMY40/870-30U0 | 40 | | | | 595 | 3570*1200*1300 | | | |
| XAMY50/870-30U0 | 50 | | | | 748 | 4110*1200*1300 | | | |
| XAMY60/870-30U0 | 60 | | | | 902 | 4550*1200*1300 | | | |
| XAMY70/870-30U0 | 70 | | | | 1,056 | 4990*1200*1300 | | | |
| XAMY80/870-30U0 | 80 | | | | 1,210 | 5430*1200*1300 | | | |

HYDRAULIC CHAMBER FILTER PRESS
1000 - 1250 - 1500



HYDRAULIC CHAMBER FILTER PRESS

| MODEL | FILTER AREA ² m ² | PLATE SIZE mm | CAKE THICKNESS mm | FILTERING VOLUME lit | PLATE NO PCS | POWER KW | PRESSURE mpa | DIMENSION L x W x H mm |
|-------------------|--|-------------------|----------------------|-------------------------|--------------|-------------|-----------------|---------------------------|
| XAMY50/1000-30U0 | 50 | 1000 x 1000 | 30 | 752 | 28 | 4 | 0.6 | 4040*1500*1400 |
| XAMY60/1000-30U0 | 60 | | | 1063 | 34 | | | 4460*1500*1400 |
| XAMY70/1000-30U0 | 70 | | | 1219 | 40 | | | 4760*1500*1400 |
| XAMY80/1000-30U0 | 80 | | | 1219 | 46 | | | 5120*1500*1400 |
| XAMY100/1000-30U0 | 100 | | | 1,505 | 57 | | | 5800*1500*1400 |
| XAMY120/1000-30U0 | 120 | | | 1,816 | 69 | | | 6500*1500*1400 |
| XAMY100/1250-30U0 | 100 | 1250 x 1250 | 30 | 1479 | 36 | 4 | 0.6 | 5020*1880*1600 |
| XAMY120/1250-30U0 | 120 | | | 1777 | 43 | | | 5470*1770*1600 |
| XAMY140/1250-30U0 | 140 | | | 2,094 | 51 | | | 5990*1770*1600 |
| XAMY160/1250-30U0 | 160 | | | 2,381 | 58 | | | 6450*1770*1600 |
| XAMY180/1250-30U0 | 180 | | | 2,669 | 65 | | | 6905*1770*1600 |
| XAMY200/1250-30U0 | 200 | | | 2,965 | 72 | | | 7360*1770*1600 |
| XAMY220/1250-30U0 | 220 | 1500 x 1500 | 30 | 3,285 | 80 | 7.5 | 0.6 | 7880*1770*1600 |
| XAMY250/1250-30U0 | 250 | | | 3,737 | 91 | | | 8600*1770*1600 |
| XAMY200/1500-30U0 | 200 | | | 3,025 | 49 | | | 6400*2200*1900 |
| XAMY250/1500-30U0 | 250 | | | 3,739 | 61 | | | 7225*2200*1900 |
| XAMY300/1500-30U0 | 300 | | | 4,413 | 74 | | | 8130*2200*1900 |
| XAMY350/1500-30U0 | 350 | | | 5,210 | 86 | | | 8570*2200*1900 |
| XAMY400/1500-30U0 | 400 | 1500 | 30 | 6,007 | 99 | 7.5 | 0.6 | 9880*2200*1900 |
| XAMY450/1500-30U0 | 450 | | | 6,743 | 111 | | | 10820*2200*1900 |
| XAMY500/1500-30U0 | 500 | | | 7,478 | 123 | | | 11560*2200*1900 |



| AUTOMATIC FILTER PRESS | | | | | | | | | | | | | |
|------------------------|----------------------------|---------------|-------------------|---------------------|--------------|-----------------|--------------|------------------------|-----|-----|-----|-----------------|--|
| MODEL | FILTER AREA m ² | PLATE SIZE mm | SAKE THICKNESS mm | FILTERING VOLUME Lt | PLATE No PCS | POWER KW | PRESSURE Mpa | DIMENSION L x W x H mm | | | | | |
| XMZ30/870-30UB | 30 | 870 | 30 | 460 | 23 | 2.2 | 0.6 | 3180*1200*1300 | | | | | |
| XMZ40/870-30UB | 40 | | | 595 | 30 | | | 3570*1200*1300 | | | | | |
| XMZ50/870-30UB | 50 | | | 748 | 38 | | | 4110*1200*1300 | | | | | |
| XMZ60/870-30UB | 60 | | | 902 | 46 | | | 4550*1200*1300 | | | | | |
| XMZ70/870-30UB | 70 | | | 1,056 | 54 | | | 4990*1200*1300* | | | | | |
| XMZ80/870-30UB | 80 | | | 1,210 | 62 | | | 5430*1200*1300 | | | | | |
| XMZ50/1000-30UB | 50 | | | 1000 | 30 | | | 752 | 28 | 4 | 0.6 | 3680*1500*1400 | |
| XMZ60/1000-30UB | 60 | | | | | | | 940 | 34 | | | 4040*1500*1400 | |
| XMZ70/1000-30UB | 70 | 1,063 | 40 | | | 4400*1500*1400 | | | | | | | |
| XMZ80/1000-30UB | 80 | 1,219 | 46 | | | 5200*1500*1400 | | | | | | | |
| XMZ100/1000-30UB | 100 | 1,505 | 57 | | | 5800*1500*1400 | | | | | | | |
| XMZ120/1000-30UB | 120 | 1,816 | 69 | | | 6700*1500*1400 | | | | | | | |
| XMZ100/1250-30UB | 100 | 1250 | 30 | | | 1,479 | 36 | 4 | 0.6 | | | 5020*1800*1600 | |
| XMZ120/1250-30UB | 120 | | | | | 1,777 | 43 | | | | | 5470*1800*1600 | |
| XMZ140/1250-30UB | 140 | | | 2,094 | 51 | 5990*1800*1600 | | | | | | | |
| XMZ160/1250-30UB | 160 | | | 2,381 | 58 | 6450*1800*1600 | | | | | | | |
| XMZ180/1250-30UB | 180 | | | 2,669 | 65 | 6905*1800*1600 | | | | | | | |
| XMZ200/1250-30UB | 200 | | | 2,965 | 72 | 7360*1800*1600 | | | | | | | |
| XMZ220/1250-30UB | 220 | | | 3,285 | 80 | 7880*1800*1600 | | | | | | | |
| XMZ250/1250-30UB | 250 | | | 3,737 | 91 | 8600*1800*1600 | | | | | | | |
| XMZ200/1500-30UB | 200 | 1500 | 30 | 3,025 | 49 | 7.5 | 0.6 | 6400*2200*1900 | | | | | |
| XMZ250/1500-30UB | 250 | | | 3,739 | 61 | | | 7225*2200*1900 | | | | | |
| XMZ300/1500-30UB | 300 | | | 4,413 | 74 | | | 8130*2200*1900 | | | | | |
| XMZ350/1500-30UB | 350 | | | 5,210 | 86 | | | 8570*2200*1900 | | | | | |
| XMZ400/1500-30UB | 400 | | | 6,007 | 99 | | | 9880*2200*1900 | | | | | |
| XMZ450/1500-30UB | 450 | | | 6,743 | 111 | | | 10820*2200*1900 | | | | | |
| XMZ500/1500-30UB | 500 | | | 7,478 | 123 | | | 11560*2200*1900 | | | | | |
| XMZ600/2000-40UB | 600 | | | 2000 | 40 | | | 12,000 | 85 | 7.5 | 0.6 | 11100*3000*2500 | |
| XMZ700/2000-40UB | 700 | 14,000 | 99 | | | 12200*3000*2500 | | | | | | | |
| XMZ800/2000-40UB | 800 | 16,000 | 107 | | | 13350*3000*2500 | | | | | | | |
| XMZ900/2000-40UB | 900 | 18,000 | 127 | | | 14500*3000*2500 | | | | | | | |
| XMZ1000/2000-40UB | 1000 | 20,000 | 141 | | | 15600*3000*2500 | | | | | | | |



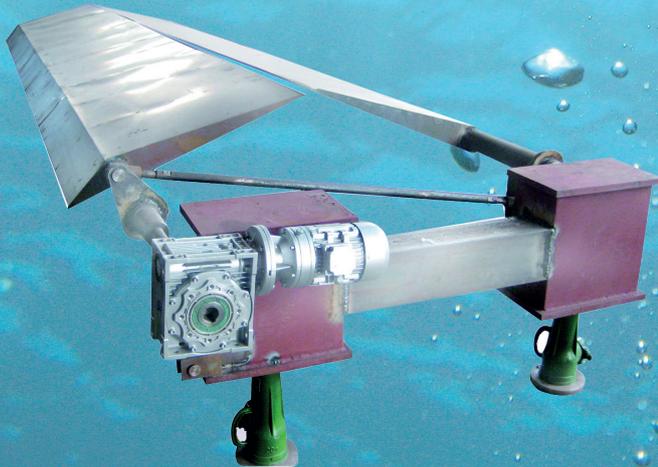
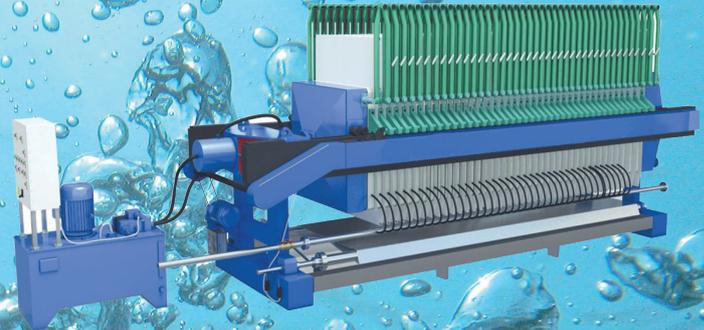
HYDRAULIC PLATE & FRAME FILTER PRESS

| MODEL | FILTER AREA M ² | PLATE SIZE mm | CAKE THICKNESS mm | FILTERING VOLUME Ltr | PLATE No.PCS | FRAME No PCS | POWER KW | PRESSURE Mpa | DIMENSION L x W x H mm |
|------------------|----------------------------|---------------|-------------------|----------------------|----------------|----------------|----------|----------------|------------------------|
| XAMY4/450-30UBK | 4 | 450 x 450 | 30 | 60 | 10 | 2.2 | 0.6 | 2080*800*900 | |
| XAMY6/450-30UBK | 6 | | | 91 | 14 | | | 15 | 2380*800*900 |
| XAMY8/450-30UBK | 8 | | | 121 | 19 | | | 20 | 2680*800*900 |
| XAMY10/450-30UBK | 10 | | | 151 | 24 | | | 25 | 2980*800*900 |
| XAMY12/450-30UBK | 12 | | | 182 | 29 | | | 30 | 3280*800*900 |
| XAMY15/450-30UBK | 15 | | | 225 | 36 | | | 37 | 3700*800*900 |
| XAMY16/450-30UBK | 16 | 243 | | 39 | 40 | 3880*800*900 | | | |
| XAMY15/630-30UBK | 15 | 630 x 630 | | 226 | 18 | 19 | 2.2 | 0.6 | 2840*1200*1100 |
| XAMY20/630-30UBK | 20 | 297 | | 24 | 25 | 3200*1200*1100 | | | |
| XAMY30/630-30UBK | 30 | 452 | | 37 | 38 | 3980*1200*1100 | | | |
| XAMY40/630-30UBK | 40 | 595 | | 49 | 50 | 4800*1200*1100 | | | |
| XAMY30/870-30UBK | 30 | 461 | | 23 | 24 | 3570*1385*1300 | | | |
| XAMY40/870-30UBK | 40 | 595 | 30 | 31 | 4050*1385*1300 | | | | |
| XAMY50/870-30UBK | 50 | 870 x 870 | 749 | 38 | 39 | 2.2 | 0.6 | 4710*1385*1300 | |
| XAMY60/870-30UBK | 60 | 902 | 46 | 47 | 5270*1385*1300 | | | | |
| XAMY70/870-30UBK | 70 | 1,056 | 54 | 55 | 5830*1385*1300 | | | | |
| XAMY80/870-30UBK | 80 | 1,210 | 62 | 63 | 6390*1385*1300 | | | | |

Filter Cloth Automatic Inclining System

Because of the viscosity of certain materials, cakes may be difficult to be discharged automatically from filter cloths. To solve this problem, our company invented the Auto Inclining System.

This system changes the tilt angle of filter cloth into an inverted V shape, and the springs holding the cloth will vibrate because of stretching of the springs, and then the cake will peel off naturally. The inclining arm is made from reinforced PP. It is light in weight, resistant to corrosion, flexible and reliable in operation and easy to maintain.



Automatic drip tray

In the Filter Press working principles there will be a little leakage from the plates because of cloth capillary. This may cause problems, by dripping into the cake collector below causing the discharged cake to become damp. Our automatic drip tray system not only collects the leakage of filtrate from the plates, but also protects the discharged cakes in the cake collector from any such leakage.



SPECIFICATION OF AUTOMATIC CAKE COLLECTOR

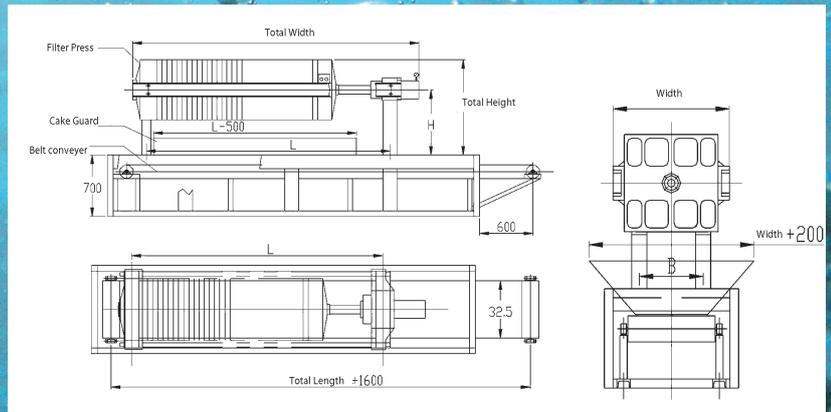
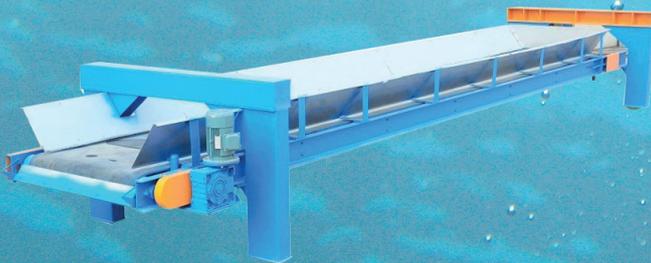
| Model | Volume m ³ | Weight kg | Motor kw | No of Cones | DIMENSION L x W x H mm |
|----------|-----------------------|-----------|----------|-------------|---------------------------|
| CND03.00 | 3.5 | 1015 | 1.1 | 1 | 3000*1200*1800 |
| CND04.00 | 4.5 | 1307 | 1.1 | 2 | 4300*1350*1845 |
| CND06.00 | 6 | 1682 | 1.1 | 2 | 4500*1100*2400 |
| CND08.00 | 8 | 2680 | 1.1 | 2 | 6450*1400*2750 |
| CND12.00 | 12 | 3500 | 1.1 | 3 | 9600*1700*3200 |

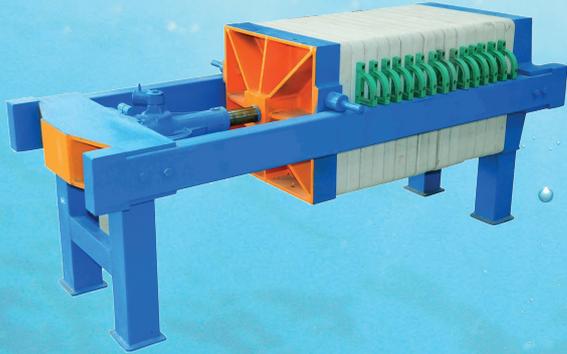




Skid Mounted Filter Press

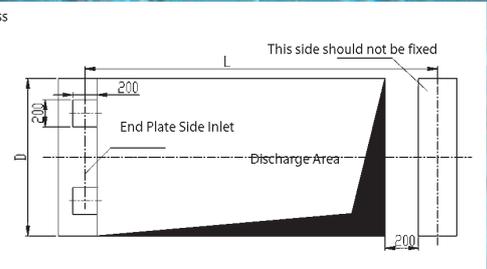
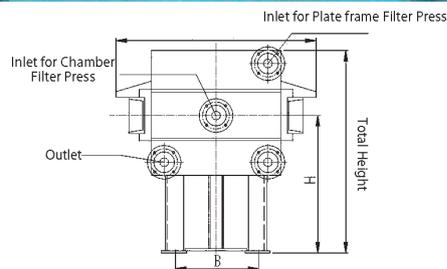
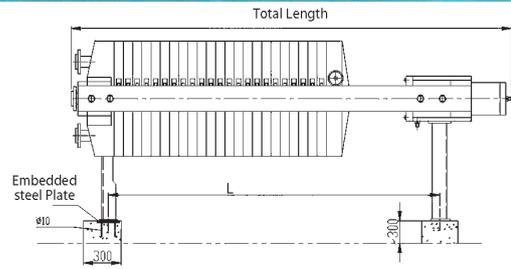
This is a self contained skid mounted Hydraulic Filter Press, it comprises of a Filter press, retractable drip tray, cake conveyor belt, and a stand up control panel complete with PLC and HMI. This can be adapted for most sizes of Filter Press.





MANUAL JACK CHAMBER FILTER PRESS

| MODEL | FILTER AREA: m² | PLATE SIZE mm | CAKE THICKNESS mm | FILTERING VOLUME Ltr | PLATE NO PCS | PRESSURE Mpa | DIMENSION L x W x H mm |
|------------------|-----------------|---------------|-------------------|----------------------|--------------|----------------|------------------------|
| +AMQ1/320-30UBK | 1 | 320 | 30 | 15 | 4 | 0.6 | 1070*570*660 |
| +AMQ2/320-30UBK | 2 | x | | 31 | 9 | | 1295*570*660 |
| +AMQ3/320-30UBK | 3 | 320 | | 46 | 14 | | 1520*570*660 |
| +AMQ4/450-30UBK | 4 | 450 | | 60 | 9 | 1630*800*900 | |
| +AMQ6/450-30UBK | 6 | | | 91 | 14 | 1880*800*900 | |
| +AMQ8/450-30UBK | 8 | | | 121 | 19 | 2130*800*900 | |
| +AMQ10/450-30UBK | 10 | | | x | 151 | 24 | 2380*800*900 |
| +AMQ12/450-30UBK | 12 | | | 450 | 182 | 29 | 2630*800*900 |
| +AMQ15/450-30UBK | 15 | | | 225 | 36 | 2980*800*900 | |
| +AMQ16/450-30UBK | 16 | | | 243 | 39 | 3130*800*900 | |
| +AMQ15/630-30UBK | 15 | | | 630 | 226 | 18 | 2370*1080*1060 |
| +AMQ20/630-30UBK | 20 | 297 | | | 24 | 2670*1080*1060 | |
| +AMQ30/630-30UBK | 30 | x | | | 452 | 37 | 3320*1080*1060 |
| +AMQ40/630-30UBK | 40 | 630 | | | 595 | 49 | 4020*1080*1060 |



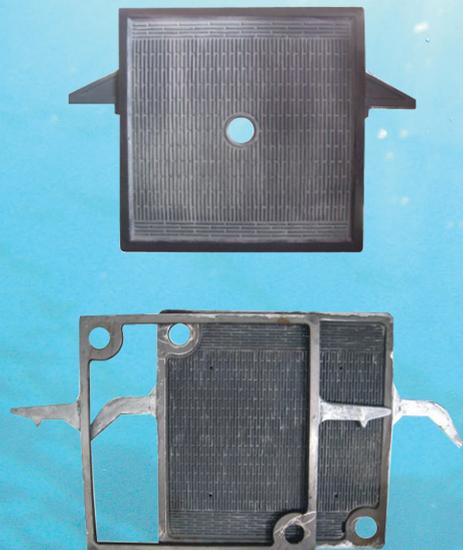


Cast Iron Chamber Filter Press

The Cast Iron Chamber Filter Press is a special Filter Press, precision made from high quality ductile cast iron. It is used specially for high temperature processes. The cast iron plates have high strength, and so can endure high filtering pressures, and can last a lot longer in this environment than the Polypropylene plates. These kind of Filter Presses are widely used for solid-liquid separation in the Petrochemical Industries, Metallurgy, Oil and Ceramic Industries.

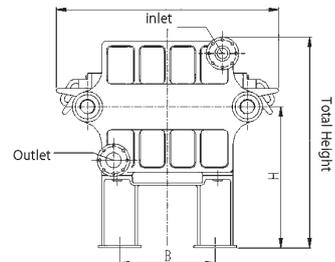
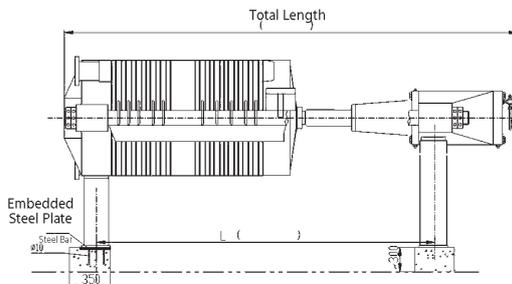
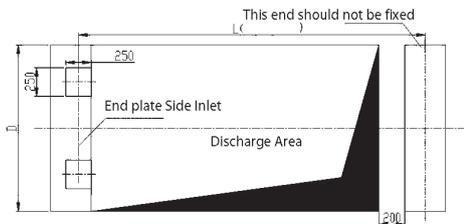
CAST IRON CHAMBER FILTER PRESS

| MODEL | FILTER AREA m ² | PLATE SIZE mm | CAKE THICKNESS mm | FILTERING VOLUME Lt | PLATE No PCS | PRESSURE mpa | DIMENSION L x W x H mm | |
|---------------|----------------------------|---------------|-------------------|---------------------|--------------|----------------|------------------------|----------------|
| XAMQ4/450-25 | 4 | | | 51 | | 1 | 1900*870*880 | |
| XAMQ6/450-25 | 6 | 450 | >25 | 76 | 14 | | 2030*870*880 | |
| XAMQ8/450-25 | 8 | X | | 102 | 19 | | 2280*870*880 | |
| XAMQ12/450-25 | 12 | 450 | | 152 | 29 | | 2780*870*880 | |
| XAMQ16/450-25 | 16 | | | 203 | 39 | | 3280*870*880 | |
| XAMQ20/630-25 | 20 | | | | 248 | 24 | 0.8 | 2600*1100*1100 |
| XAMQ30/630-25 | 30 | 630 | >25 | 377 | 37 | 3250*1100*1100 | | |
| XAMQ40/630-25 | 40 | X | | 496 | 49 | 3900*1100*1100 | | |
| XAMY20/630-25 | 20 | 630 | | 248 | 24 | 2950*110*1100 | | |
| XAMY30/630-25 | 30 | | | 377 | 37 | 3580*1100*1100 | | |
| XAMY40/630-25 | 40 | | | 496 | 49 | 4180*1100*1100 | | |
| XAMY40/800-25 | 40 | | | | 595 | 30 | | 3500*1380*1300 |
| XAMY50/800-25 | 50 | 800 | | >25 | 749 | 38 | | 3720*1380*1300 |
| XAMY60/800-25 | 60 | X | | | 902 | 46 | | 3950*1380*1300 |
| XAMY70/800-25 | 70 | 800 | | | 1,056 | 54 | | 4180*1380*1300 |
| XAMY80/800-25 | 80 | | | | 1,210 | 62 | 4400*1380*1300 | |



CAST IRON PLATE & FRAME FILTER PRESS

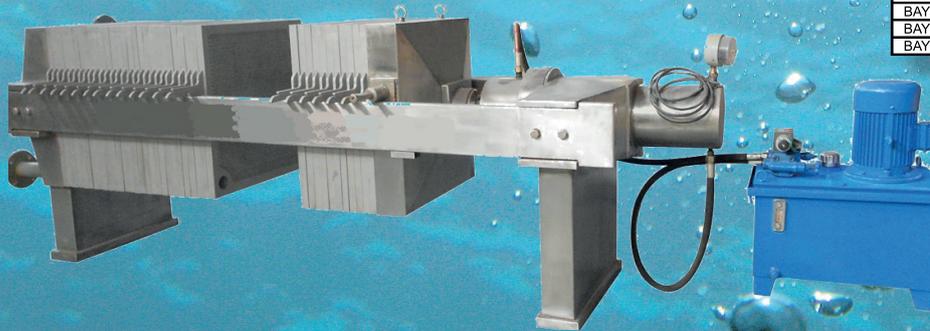
| MODEL | FILTER AREA M ² | PLATE SIZE mm | CAKE THICKNESS mm | FILTERING VOLUME Lt | PLATE No PCS | FRAME No PCS | POWER KW | PRESSURE Mpa | DIMENSION L x W x H mm |
|----------------|----------------------------|---------------|-------------------|---------------------|--------------|--------------|----------|--------------|------------------------|
| BAMQ1/320-25 | 1 | 320 | >25 | 13 | 4 | 5 | | | 1150*760*650 |
| BAMQ2/320-25 | 2 | X | | 25 | 9 | 10 | | | 1390*760*650 |
| BAMQ3/320-25 | 3 | 320 | | 38 | 14 | 15 | | | 1750*760*650 |
| BAMQ4/450-25 | 4 | 450 | >25 | 51 | 9 | 10 | | | 1780*870*880 |
| BAMQ6/450-25 | 6 | | | 76 | 14 | 15 | | | 2055*870*880 |
| BAMQ8/450-25 | 8 | | | X | 102 | 19 | | | 20 |
| BAMQ12/450-25 | 12 | 450 | | 152 | 29 | 30 | | | 2785*870*880 |
| BAMQ16/450-25 | 16 | | | 203 | 39 | 40 | | | 3305*870*880 |
| BAMQ20/630-25 | 20 | 630 | >25 | 298 | 24 | 25 | | | 2750*1150*1100 |
| BAMQ30/630-25 | 30 | | | 452 | 37 | 38 | | | 3220*1150*1100 |
| BAMQ40/630-25 | 40 | | | 295 | 49 | 50 | | | 3870*1150*1100 |
| BAMY200/630-25 | 20 | X | | 298 | 24 | 25 | | | 2960*1150*1100 |
| BAMY300/630-25 | 30 | 630 | | 452 | 37 | 38 | | | 3610*1150*1100 |
| BAMY40/630-25 | 40 | | | 595 | 49 | 50 | | | 4210*1150*1100 |
| BAMY40/800-25 | 40 | 800 | >25 | 496 | 30 | 31 | | | 3550*1380*1300 |
| BAMY50/800-25 | 50 | | | 624 | 38 | 39 | | | 3970*1380*1300 |
| BAMY60/800-25 | 60 | | | X | 752 | 46 | | | 47 |
| BAMY70/800-25 | 70 | 800 | | 880 | 54 | 55 | | | 4870*1380*1300 |
| BAMY80/800-25 | 80 | | | 1,008 | 62 | 63 | | | 5320*1380*1300 |





Stainless Steel Filter Press

The Stainless Steel Filter Press is used for solid-liquid separation of various materials. It has a specific application such as Pharmaceutical, Chemical, and Food processing. These are used quite extensively for the refined filtration and sterile filtration of many varied processes.



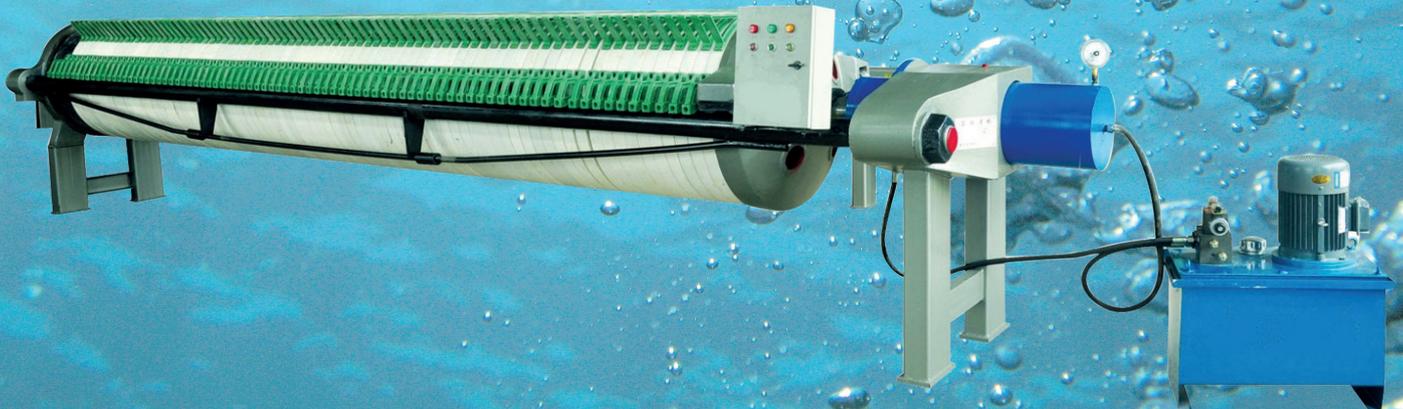
| STAINLESS STEEL FILTER PRESS | | | | | | | |
|------------------------------|----------------------------|---------------|----------------|----------------------|--------------|--------------|--------------|
| MODEL | FILTER AREA M ² | PLATE SIZE mm | CAKE THICKNESS | FILTERING VOLUME Ltr | PLATE No PCS | FRAME No PCS | PRESSURE Mpa |
| BAQ1/320 | | 320 | 25 | 13 | 4 | 5 | 0.8 |
| BAQ2/320 | 2 | x | | 25 | 9 | 10 | |
| BAQ3/320 | 3 | 320 | | 38 | 14 | 15 | |
| BAQ4/320 | 4 | | | 51 | 9 | 10 | |
| BAQ6/320 | 6 | | | 76 | 14 | 15 | |
| BAQ8/320 | 8 | | | 102 | 19 | 20 | |
| BAQ10/450 | 10 | | | 122 | 24 | 25 | |
| BAQ12/450 | 12 | 450 | | 152 | 29 | 30 | |
| BAQ16/450 | 16 | x | | 203 | 39 | 40 | |
| BAY4/450 | 4 | 450 | | 51 | 9 | 10 | |
| BAY6/450 | 6 | | | 76 | 14 | 15 | |
| BAY8/450 | 8 | | | 102 | 19 | 20 | |
| BAY10/450 | 10 | | | 122 | 24 | 25 | |
| BAY12/450 | 12 | | | 152 | 29 | 30 | |
| BAY16/450 | 16 | | | 203 | 39 | 40 | |
| BAQ10/610 | 10 | | | 122 | 15 | 16 | 0.6 |
| BAQ12/610 | 12 | | | 152 | 19 | 20 | |
| BAQ15/610 | 15 | 550 | | 189 | 24 | 25 | |
| BAQ20/610 | 20 | x | | 250 | 32 | 33 | |
| BAY10/610 | 10 | 550 | | 122 | 15 | 16 | |
| BAY12/610 | 12 | | | 152 | 19 | 20 | |
| BAY15/610 | 15 | | | 189 | 24 | 25 | |
| BAY20/610 | 20 | | | 250 | 32 | 33 | |
| BAQ15/630 | 15 | | | 189 | 18 | 19 | |
| BAQ20/630 | 20 | 630 | | 250 | 24 | 25 | |
| BAQ30/630 | 30 | x | 377 | 37 | 38 | | |
| BAY15/630 | 15 | 630 | 189 | 18 | 19 | | |
| BAY20/630 | 20 | | 250 | 24 | 25 | | |
| BAY30/630 | 30 | | 377 | 37 | 38 | | |
| BAY30/800 | 30 | 800 | 442 | 22 | 23 | | |
| BAY40/800 | 40 | x | 595 | 30 | 31 | | |
| BAY50/800 | 50 | 800 | 748 | 38 | 39 | | |



The Round Filter Press is widely used for solid liquid separation in Stone Wastewater, Ceramics, Kaolin industries.

800mm Diametre ROUND FILTER PRESS

| MODEL | FILTER AREA M ² | PLATE Dia SIZE mm | CAKE THICKNESS mm | FILTERING VOLUME Lit | PLATE No PCS | PRESSURE Mpa | DIMENSION L x W x H mm |
|-------------------|----------------------------|-------------------|-------------------|----------------------|--------------|--------------|------------------------|
| XAM20/800dia - 25 | 20 | 800 | 25 | 255 | 20 | 2 | 3300*1100*1060 |
| XAM30/800dia - 25 | 30 | | | 377 | 30 | | 3780*1100*1060 |
| XAM40/800dia - 25 | 40 | | | 499 | 40 | | 4300*1100*1060 |
| XAM50/800dia - 25 | 50 | | | 621 | 50 | | 4820*1100*1060 |
| XAM60/800dia - 25 | 60 | | | 753 | 60 | | 5340*1100*1060 |
| XAM70/800dia - 25 | 70 | | | 875 | 70 | | 5860*1100*1060 |
| XAM80/800dia - 25 | 80 | 800 | 30 | 1200 | 80 | | 6200*1100*1060 |





The Cotton Cake Filter Press uses reusable fibrous material as its Filter Media. This is best used to filter oil traces, mechanical impurities and suspension complexes in various processes.

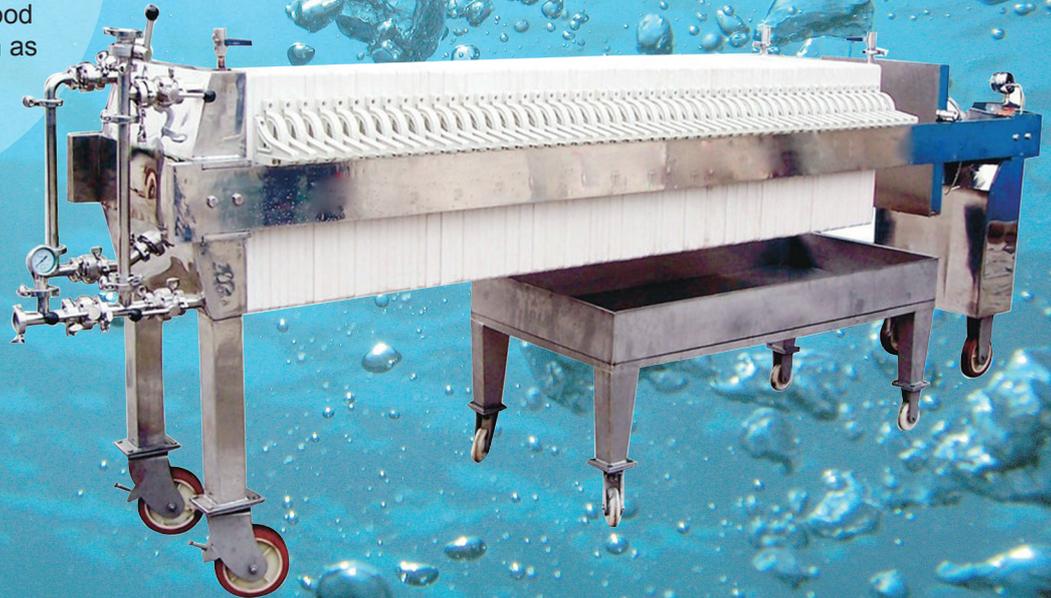
Applications & Features-This Filter Press is a kind of Plate & Frame Filter Press. It is used for liquid purification and filtration. The Press features a large filter area and easy operation. It uses round plates, which have a better mechanical performance than the traditional square plates. The Plate and Frames for this press can be aluminium alloy or Polypropylene to suit different processes. It is mainly used in the Fermentation Broths, Enzymes, RNA, Gelatine, and the food and beverage Industries which may require a higher filtering precision.





Paper board Filter Press

The Paper board Filter Press is widely used in Pharmaceutical, Biological, Beverage, Liquor, and the Fine Chemicals Industries. It is also used for filtration of blood products, and is also known as a Plasma Separator.





The DNY Belt Filter Press is commonly used in water treatment plants for the dehydration of sludges and slurries. The industries that use the Belt Presses are the papermaking, petroleum, chemical, coal, food, textile, metallurgy, printing and dyeing industries, and many more.

The DNY Belt Filter Press is made up of filter press main frame, tumbler concentrator, flocculation stirring barrel, rack, transmission device, filter cloth, rectifying device, washing device, discharging device, collecting tank, electrical control panel, and other components.

- Characteristics of DNY belt filter press:
- compact footprint.
 - ergonomic design.
 - high efficiency and energy saving.
 - long service life.
 - cylinder control tension.
 - filter belt automatic correction.
 - continuous operation.

| Size \ Type | | DNY-500 | DNY-750 | DNY-1000 | DNY-1250 | DNY-1500 | DNY-1500L | DNY-1750 | DNY-2000 | DNY-3000 | |
|---|-------------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
| (mm) Filter width | | 500 | 750 | 1000 | 1250 | 1500 | 1500 | 1750 | 2000 | 3000 | |
| (m ³ /hr) Capacity Into (s.s.1.5~2.5%) concentration | | 3.0~5.2 | 4.5~7.5 | 6.5~10.5 | 7.5~12.5 | 9.5~16 | 12~20.5 | 15~24.5 | 18~30 | 40~55 | Depends on the slurry feature |
| D.S(kg/hr) Dry volume | | 45~78 | 68~113 | 98~158 | 113~188 | 143~240 | 180~308 | 225~368 | 270~450 | 360~675 | Depends on the slurry feature |
| D.S(kg/hr) Moisture content (%) | | 63~84.5 | 63~84.5 | 63~84.5 | 63~84.5 | 63~84.5 | 63~84.5 | 63~84.5 | 63~84.5 | 63~84.5 | Depends on the slurry feature |
| (kw) Power | Driving Motor(Variable Speed) | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 1.5 | |
| | Conditioning mixer | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.55 | |
| | Drum thickener | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.55 | |
| Pressed Filtrate plate | | | | | | | | | | | But according to need processing |
| Reference Dimensions (mm) | L | 2600 | 2600 | 2600 | 2600 | 2600 | 3190 | 3190 | 3190 | 4300 | Before ordering, please ask for the actual installation dimensions |
| | W | 1050 | 1300 | 1550 | 1800 | 2050 | 2300 | 2300 | 2550 | 3550 | |
| | H | 2175 | 2175 | 2270 | 2270 | 2270 | 2510 | 2510 | 2510 | 3010 | |
| (mm) Size | | 2100×836 | 2100×1086 | 2100×1336 | 2100×1586 | 2100×1836 | 2455×1866 | 2455×2096 | 2455×2346 | 3800×3310 | |
| (kgs) Weight | | 830 | 1000 | 1210 | 1450 | 1850 | 2200 | 2450 | 2850 | 3600 | |



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