

## FILTER PRESS

*High Accuracy  
Filtering Capabilities*



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## About Us

### Company Overview

ULTRA Filtech was founded in 2008 by experienced engineering & filtration experts in the heart of the Indian business area Navsari. It is 250 km away from Mumbai and 80 kms away from Asia's biggest chemical zone Vapi & Ankleshwar.

Initially catering to the local dyestuff & intermediate manufacturing industry it started catering its equipment to other manufacturing units manufacturing specialized chemical, ceramics, mineral extractor, ETP, STP, etc. It also started providing specialized solution for critical application in steel mill, pharmaceuticals, washing efficient process, high output process etc.

Today with such comprehensive set up, Ultra Filtech manufacturing capabilities are unmatched globally - product mix of filtration solution for every field and capacity of more than 200 filter press per annum.

### Why Us?

We are a leading company with various striking features.

Some major features of our organization are mentioned below:

- Dexterous team
- Industry leading prices
- Supreme quality
- Positive image in the market

## Quality

Quality is significant for smooth operations and client requirement fulfillment. The Ultra Tech team understands that quality is of utmost significance and thus, is monitored at every stage of the process by qualified engineers. Quality consciousness is pervasive across the organization.

All the equipments at Ultra Filtech are assembled and hydro tested to get the correct rated pressure as well as a leakage test is done to check between the filter plates and from the nozzles. The hydraulic systems are tested at 20% higher capacity rated for long product life and zero damage products.

## Industries We Serve

### FOOD/BEVERAGE

Juice, Vinegar, Beer, Wine, Sugar, Edible Oil

### DYES & INTERMEDIATES WATER TREATMENT PLANT

### MINING

Soda Ash, Pregnant Liquor (Solutions), Copper, Nickel, Zinc Moly Lead, Acid Wash Solutions.

### METAL FINISHING/STEEL

Pickle Liquor, Electrolyte, Electrogalvanizing Solution, Lithium Processing

### CERAMICS

Kaolin Clay, Bentonite and activated clay, Marble & Granite industries

www.ultrafiltech.com

### Infrastructure

Infrastructure plays a crucial role in the progress of any organization. Ultra Filtech owes a big part of its success to the state-of-the-art infrastructure unit.

For highest accuracy of product manufactured, Ultra Filtech possesses upgraded, world-class technology and machineries. In the industry, process and machinery play a critical role in determining the quality of the output and final product. The company owns CNC gas cutting machines and observes all the critical manufacturing operation systems needed for most accurate products as per client requirements.

### Latest Machinery

Ultra Filtech is equipped with latest machinery for the highest accuracy of the product manufactured. Right from CNC gas cutting machine to CNC machining it observes almost all the critical manufacturing operation on highest accurate machine available

## Research & Development

Research and Development is significant and plays a very important role in innovation and product development. It is increasingly vital for the future of any product or service that the company must involve and invest in R & D.

Ultra Filtech understands this and consistently upgrades all technology and products through thorough Research and Development activities.

Ultra Filtech believes in giving optimum product quality by doing extensive research & development for any particular filtration. The company is equipped with laboratory and trial filter presses of various sizes and in various configurations. For any critical application, Ultra Filtech follows deep research before providing vital solutions.

Research and Development helps Ultra Filtech be in a better position to achieve and maintain competitive advantage in the increasingly global market place at the apt levels.



#### MANUAL FILTER PRESS

Filter Press Size	Recommended Chambers	Cake Thickness	Filtration Area (m2)	Wet Cake Volume (liters)	Dimensions			Weight (kg)
					L	B	H	
250	10	20	0.7	7.3	1250	450	550	75
	10	25	0.8	9.5	1300			
	10	32	0.9	12.7	1450			
320	12	20	1.44	13.44	1270	520	580	125
	12	25	1.56	17.16	1380			
	12	32	1.68	22.8	1480			
355	14	20	2.24	24.5	1270	715	650	150
	14	25	2.38	26.6	1380			
	14	32	2.52	29.4	1480			
400	16	20	3.52	32	1560	760	680	200
	16	25	3.68	41.44	1650			
	16	32	3.84	54.56	1780			
470	18	20	5.58	50.22	1710	830	710	275
	18	25	5.76	64.44	1810			
	18	32	6.12	85.32	1950			
500	20	20	7	63.4	1830	860	800	325
	20	25	7.2	81	1930			
	20	32	7.6	107	2080			

#### SEMI AUTOMATIC FILTER PRESS

Filter Press Size	Recommended Chambers	Cake Thickness	Filtration Area (m2)	Wet Cake Volume (liters)	Dimensions			Weight (kg)
					L	B	H	
610	24	25	13.68	153	2250	1050	1200	1300
	24	32	14.40	207	2380			
	24	40	15.12	261	2570			
800	30	25	28.80	338	4170	1200	1270	2200
	30	32	30.00	442	4550			
	30	40	31.50	545	4950			
915	36	25	47.52	550	4000	1300	1440	3300
	36	32	47.88	704	4280			
	36	40	48.60	880	4630			
1000	40	25	62.40	741	4030	1290	1500	4400
	40	32	64.00	968	4320			
	40	40	65.60	1195	4660			
1200	50	25	114.00	1275	5280	1670	1900	7000
	50	32	117.00	1684	5680			
	50	40	120.50	2094	6060			
	50	50	124.50	2679	6580			







## AUTOMATIC FILTER PRESS

Filter Press Size	Recommended Chambers	Cake Thickness	Filtration Area (m2)	Wet Cake Volume (liters)	Dimensions			Weight (kg)
					L	B	H	
610	24	25	13.68	153	2250	1050	1200	1300
	24	32	14.40	207	2380			
	24	40	15.12	261	2570			
800	30	25	28.80	338	4170	1200	1270	2200
	30	32	30.00	442	4550			
	30	40	31.50	545	4950			
915	36	25	47.52	550	4000	1300	1440	3300
	36	32	47.88	704	4280			
	36	40	48.60	880	4630			
1000	40	50	49.32	1100	5050	1290	1500	4400
	40	25	62.40	741	4030			
	40	32	64.00	968	4320			
1200	40	40	65.60	1195	4660	1670	1900	7000
	40	50	68.00	1479	5080			
	50	25	114.00	1275	5280			
1500	50	32	117.00	1684	5680	2180	2380	15500
	50	40	120.50	2094	6060			
	50	50	124.50	2679	6580			
2000x1500	60	25	214.20	2476.20	6680	2180	2900	19200
	60	32	219.00	3248.40	7050			
	60	40	223.80	4096.20	7470			
2000	60	50	229.80	5120.40	7980	2800	3000	28000
	70	25	331.10	3829.00	6680			
	70	32	338.80	5032.30	7050			
	70	40	347.90	6290.20	7470			
	70	50	358.40	7862.40	7980			
	80	25	516.80	6068.00	8670			
	80	32	528.80	7768.00	9240			
	80	40	543.20	9709.60	9890			
	80	50	559.20	12136.80	10700			



## MEMBRANE FILTER PRESS

Filter Press Size	Recommended Chambers	Cake Thickness	Filtration Area (m2)	Wet Cake Volume (liters)	Dimensions			Weight (kg)
					L	B	H	
630	24	32	12.96	177	2250	1050	1200	1300
	24	40	12.96	216	2380			
	24	50	12.96	260	2570			
800	30	32	29.40	371	4280	1200	1270	2200
	30	40	29.40	448	4630			
	30	50	29.40	533	5050			
1000	40	32	62.40	862	4320	1290	1500	4400
	40	40	62.40	1058	4660			
	40	50	62.40	1288	5080			
1200	50	32	114.50	1630	5680	1670	1900	7000
	50	40	114.50	2006	6060			
	50	50	114.50	2457	6580			
1500	60	32	219.00	3226.80	7050	2180	2380	15500
	60	40	219.00	3991.20	7470			
	60	50	219.00	4922.40	7980			
2000 x 1500	70	32	331.10	3829.00	7050	2180	2900	
	70	40	338.80	5032.30	7470			
	70	50	347.90	6290.20	7980			
2000	80	32	0.00	0.00				
	80	40	0.00	0.00				
	80	50	0.00	0.00				





## HIGH VOLUME FILTER PRESS

Filter Press Size	Recommended Chambers	Cake Thickness	Filtration Area (m2)	Wet Cake Volume (liters)	Dimensions			Weight (kg)
					L	B	H	
470	18	20	6.12	54.9	1710	830	710	275
	18	25	6.3	70.56	1810			
	18	32	6.66	93.24	1950			
	18	40	7.02	115.92	2130			
610	24	20	13.20	123.60	2250	1050	1200	1400
	24	25	13.68	157.20	2380			
	24	32	14.16	206.40	2570			
	24	40	14.88	266.40	2780			
800	30	20	30.60	290.40	4170	1200	1270	2300
	30	25	31.50	368.40	4550			
	30	32	32.70	480.90	4950			
	30	40	34.50	603.00	5480			
915	36	25	49.68	585.00	4000	1300	1440	3400
	36	32	51.12	761.40	4280			
	36	40	52.56	951.48	4630			
	36	50	54.36	1189.44	5050			
1000	40	25	66.80	794.00	4030	1290	1500	4500
	40	32	68.80	1031.60	4320			
	40	40	71.20	1308.00	4660			
	40	50	73.60	1477.20	5080			
1200	50	25	119.00	1311.50	5280	1670	1900	7100
	50	32	122.50	1742.50	5680			
	50	40	127.00	2207.00	6060			
	50	50	132.00	2759.00	6580			
1500	60	25	228.00	2649.00	6680	2180	2380	15500
	60	32	232.80	3475.80	7050			
	60	40	238.20	4344.60	7470			
	60	50	244.80	5430.60	7980			

