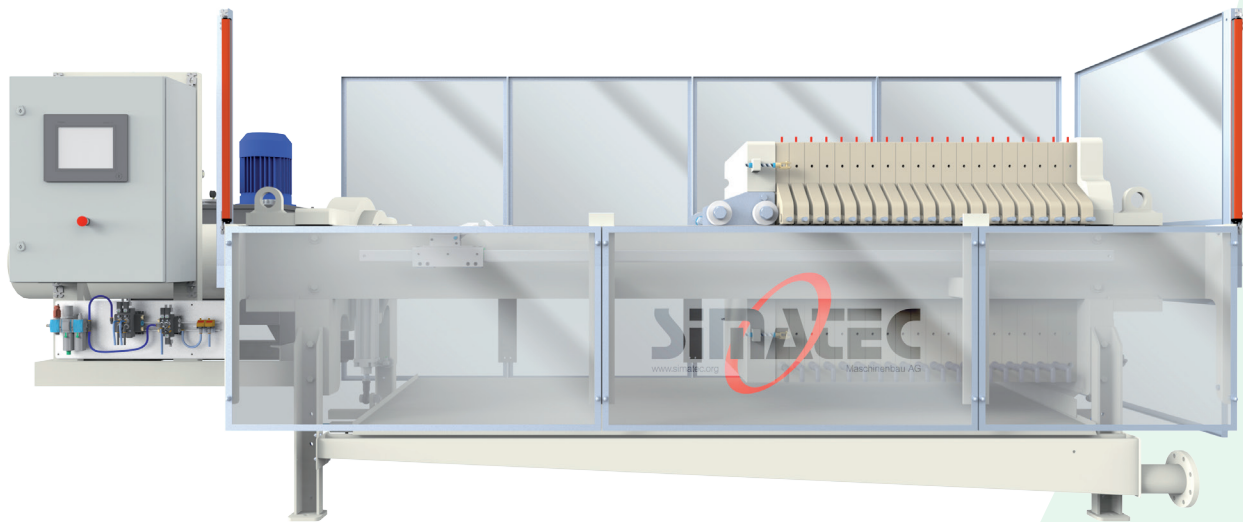


Simatec Maschinenbau AG

Semi-automatic side bar Filter Press with traditional opening mechanism



The Simatec semi-automatic side bar Filter Press delivers best performance in dewatering with lowest residual moisture at low wear costs and high availability.

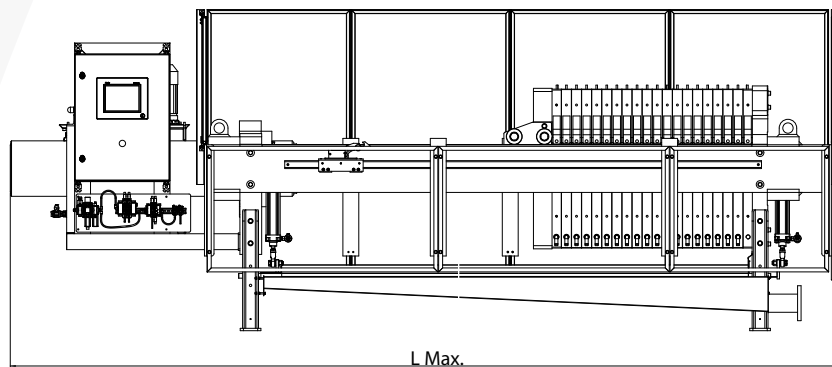
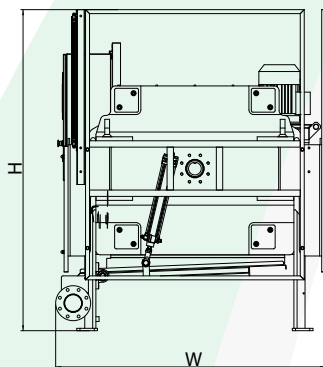
Simatec filter presses are in use where ever your application of solid liquid separation lies. No matter if it's the rough conditions in the mining sector or the sensitive setup of the pharmaceutical or the food processing industry, **Simatec** is able to provide the filter press perfectly designed and tailor made for your dewatering task. The semi- automatic side bar filter press with traditional opening mechanism is the right answer to your dewatering task if the filtering time of a single pressing is relatively long (over 45 minutes) and where the cakes discharge need a wide opening space between the plates.

The semi- automatic filter press is simple and easy to use. The single plate (one by one) opening mechanism is straight forward and highly reliable due to a complete stainless steel trolley acid and dust proof. Moreover, the covered chain system allow to the trolley to travel without the exposure of the chain to the sludge, liquid , dust or other and preserve the lifetime of the system. This type of filter press comes with simple mechanics and automation. Maximum operational availability and minimal wear cost are key benefits of this model.

- Plate pack closing device: highly reliable plate pack opening and closing operations
- Photocell safety curtain: use of the most modern and advanced systems for operator protection and safety
- High pressure cloth washing: specially designed device to perform the most efficient and effective cloth washing at the highest level of automation
- Automatic operated drip tray to collect the filtrate
- PLC (HMI Human Machine Interface). Automation by SPS SIEMENS PLC including remote service feature and error history

Your Benefit:

- Low residual moisture
- Simple and effective design
- Low investment costs
- Low wear costs
- Easy maintenance
- Straightforward and simple automation
- High capture rate
- Sturdy design
- Maximum operation availability
- Modular design allows customer oriented process solutions



Size	Cake Tk. Chamber tk	Cake Tk.		Filter Weight (kg)		Volume (dm3)		Overall dimensions (mm)			
		min	max	min	max	min	max	L min	L max	H	W
630	C30	40	90	3209	4970	364	819	4254	7010	1230	1270
630	C40	40	90	3355	5115	500	1125	4654	7910	1230	1270
800	C30	40	120	4490	6080	624	1872	4905	8050	1310	1360
800	C40	40	120	4555	6225	836	2508	5305	8950	1310	1360
1000	C30	40	120	7535	12000	1000	3000	5320	10505	1710	1440
1000	C40	40	120	7600	12200	1332	3996	5720	11700	1710	1440
1200	C30	60	140	14385	21060	2046	4744	7605	13190	1920	1910
1200	C40	60	140	14520	21375	2736	6384	8205	14587	1920	1910
1200	C50	60	130	14655	21690	3450	7475	8805	16000	1920	1910
1500	C30	60	140	23060	33890	3282	6700	8740	14885	2250	2050
1500	C40	60	140	23245	34324	4374	10200	9340	16285	2250	2050
1500	C50	60	130	23430	33345	3945	11921	9940	16715	2250	2050

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