

# MSE SEMI-AUTOMATIC FILTER PRESS

## SA-FP 400 - 1200

The filter press with two-hand control is used in particular when the space on site is limited or a higher degree of automation is not required. Accordingly, a conventional version of the protective device is no longer effective.

### REDUCED PROCUREMENT COSTS AND SIMPLE OPERATION - THE FILTER PRESS WITH TWO-HAND CONTROL FROM MSE

Based on the safety technology requirements, an intelligent two-hand control is implemented, for example, for moving the filter plates by means of automated plate transport. This functional principle thus prevents the operator from reaching into the working area. Complicated mechanical designs including further safety measures are not necessary. The combination of two-hand control, plate transport and the elimination of further attachment measures reduces the procurement costs and also guarantees consistently simplified operability with complete protection against mechanical hazards..

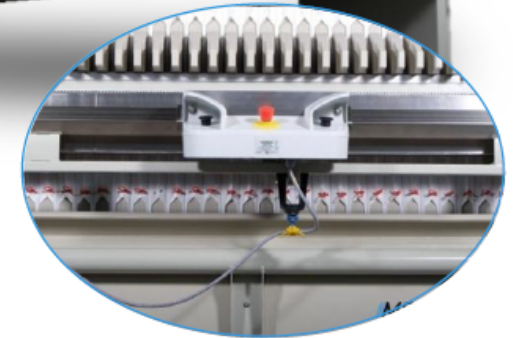
### FUNCTIONAL PRINCIPLE

To operate the filter press, both operating elements of the control panel must be operated simultaneously by hand. This includes, for example, the closing and opening of the system, the swivel plates as well as the operation of the automatic filter plate shifting device. Electric push-buttons are used as operating elements. When one of the operating elements is released, the filter press stops. Operation is only resumed after both operating elements are operated again at the same time. This ensures that the operator is outside the danger zone during operation of the filter press. A "misuse operation" of both operating elements is not possible due to the design.



#### BENEFITS OF MSE SEMI AUTOMATIC FILTER PRESSES

- Cost-effective alternative by eliminating complex designs and assemblies
- Simplified operation due to the intelligent operating principle of the two-hand control panel with emergency stop button
- Fulfill the special safety standards of EN 574
- Particularly space-saving architecture



Size	Pressure max.(bar)	Max. chamber vol.	Filter cake thickness	FilterCloth Acidification	FilterCake blow drying	FilterCloth washing	FilterCake washing	Plate shifter	Core blowing/ core rinsing	Spreader cloth	Vibrating device I	Vibrating device II	Membrane technology	Splash guard	Corrosion protection
SA-FP 400	30	148	15-50mm	+	+	-	-	X	+	-	+	+	-	-	+
SA-FP 470	30	208	15-50mm	+	+	-	-	X	+	-	+	+	-	-	+
SA-FP 500	30	295		+	+	-	-	X	+	-	+	+	-	-	+
SA-FP 630	30	576	15-50mm	+	+	-	-	X	+	-	+	+	-	-	+
SA-FP 800	30	1288	15-50mm	+	+	-	-	X	+	-	+	+	-	-	+
SA-FP 1000	30	2530	15-50mm	+	+	-	-	X	+	-	+	+	-	-	+
SA-FP 1200	30	4104	15-50mm	+	+	-	-	X	+	-	+	+	-	-	+