

# FOM® 110 WS

## HORIZONTAL PRESSURE LEAF FILTER

For precoat filtration in various applications



### Characteristics

This robust and compact design, improved over many years of practical experience, is made for industrial applications.

The following characteristics are expression of the state of the art design:

- drive at the bottom for easy maintenance
- robust filter elements for high sludge volume
- all parts made of stainless steel
- Certified pressure vessel (6 bar) according to DGR regulations
- Spray tube for optimal CIP
- Available with manual or automatic control system

### Applications

This filter is widely used in all parts of the world for the following applications:

- Sugar sirup (with active carbon)
- Tea (extraction and filtration)
- Wine (with various filter aids)
- Gelatine
- Soya sauce

### FILTRIX quality assurance

FILTRIX assures the best quality control according to international standards:

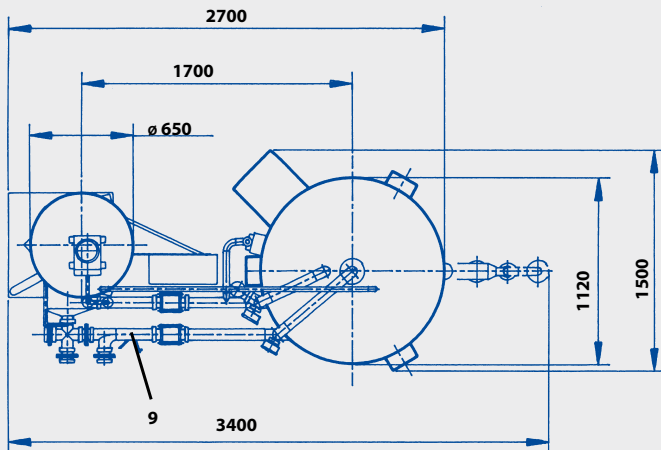
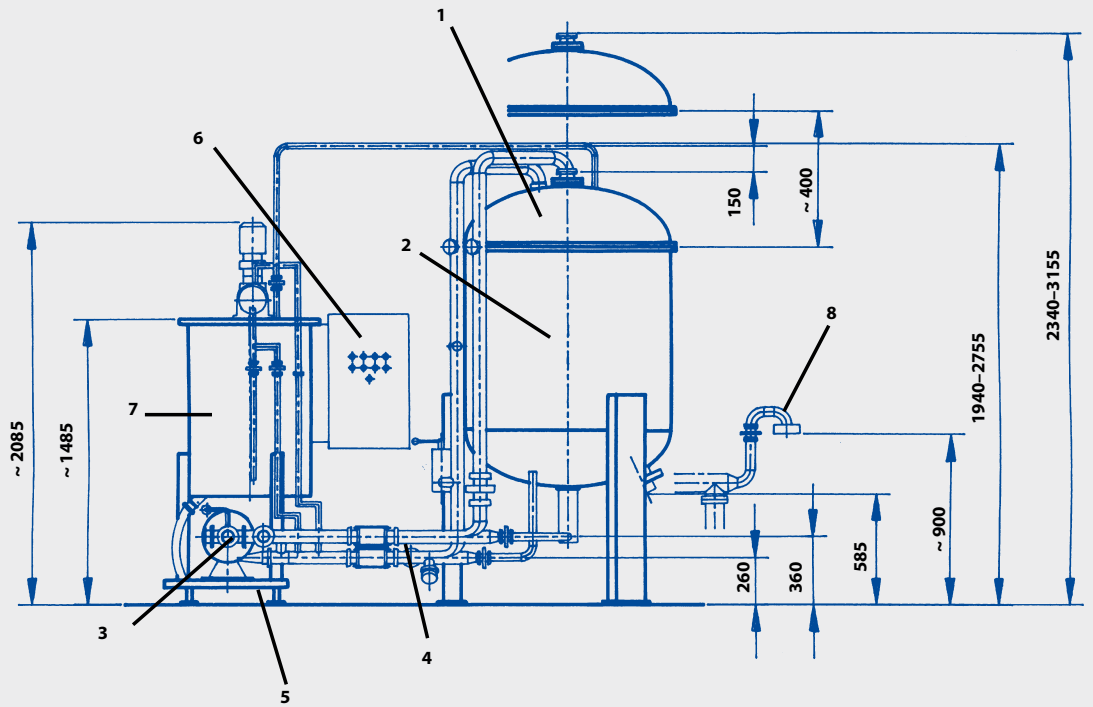
- ISO 9001 (quality management)
- DGR, ASME, china stamp

Filter area / Volume	Available Element pitch	Effective filter area	Sludge volume	Volume of dosing vessel
	mm	m <sup>2</sup>	liter	liter
FOM® 110/900	30 / 40 / 50	15.6 / 11.7 / 9.1	334 / 358 / 361	220
FOM® 110/1300	30 / 40 / 50	26.6 / 19.5 / 15.6	570 / 597 / 619	350
FOM® 110/1600	30 / 40 / 50	33.1 / 24.7 / 19.5	709 / 756 / 774	350
FOM® 110/1800	40 / 50 / 62	28.6 / 22.7 / 18.2	871 / 878 / 918	350 or 500

Weights / connections	Pipe system ID mm	Elec. Connection kw	Filter weight, empty kg	Filter weight, full kg
FOM® 110 / 900	50	12	1400	2280
FOM® 110 / 1300	65	16	1900	3240
FOM® 110 / 1600	65	20	2220	3740
FOM® 110 / 1800	65	24	2770	4200

**Plant layout**

- 1 Cover
- 2 Vessel
- 3 Feed pump
- 4 Pipe system
- 5 Regulating valve
- 6 Elec. control panel
- 7 Dosing unit
- 8 Sludge discharge
- 9 Con. for photo meter



Space requirement (L x W x H) m	
FOM® 110 / 900	3.0 x 2.5 x 2.5
FOM® 110 / 1300	3.0 x 2.5 x 2.85
FOM® 110 / 1600	3.0 x 2.5 x 3.2
FOM® 110 / 1800	3.7 x 2.5 x 3.5