

# NOVOX<sup>®</sup> STP / NOVOX<sup>®</sup> STE

## Stainless steel plate & frame filter

### Description

The NOVOX<sup>®</sup> ST is a high precision stainless steel plate and frame filter for heavy duty use (24/7). The design of the NOVOX<sup>®</sup> allows for efficient handling. High precision construction of the plate & frame assembly and the hydraulic closing mechanism, combined with high-performance FILTROX filter sheets, minimize drip-loss. We provide three different types:

ST = hand spindle with optional manual pump (only for NOVOX<sup>®</sup> 200 ST)  
 STP = pneumatic hydraulic  
 STE = electric hydraulic

### Application

- Beer
- Wine
- Juice
- Tea
- Distilled products
- Non-critical solutions
- Raw materials
- ...

### Technical data

	NOVOX <sup>®</sup> 200 ST	NOVOX <sup>®</sup> 400 STP or STE	NOVOX <sup>®</sup> 600 STP or STE
Filter area per sheet [m <sup>2</sup> ]	0.032	0.14	0.33
Usable cake volume per cake frame [L]	0.13 (8 mm)	0.56 (8 mm)	1.32 (8 mm)
	0.67 (25 mm)	2.94 (25 mm)	6.93 (25 mm)
	1.15 (40 mm)	5.04 (40 mm)	11.88 (40 mm)
Max. filter area per filter Version sheet filtration [m <sup>2</sup> ]	1.22	18.48	67.32
Max. filter area per filter Version cake filtration [m <sup>2</sup> ]	1.22 (8 mm)	18.48 (8 mm)	67.32 (8 mm)
	0.70 (25 mm)	10.92 (25 mm)	38.94 (25 mm)
	0.51 (40 mm)	7.84 (40 mm)	28.38 (40 mm)
Max. usable cake volume [L]	2.4 (8 mm)	37.0 (8 mm)	134.6 (8 mm)
	7.4 (25 mm)	114.7 (25 mm)	408.9 (25 mm)
	9.2 (40 mm)	141.1 (40 mm)	510.8 (40 mm)
Max. operating pressure	8 bar	6 bar	6 bar
Max. operating temperature	121 °C	121 °C	121 °C
Connections	DN 15 dairy thread (DIN 11851)	DN 40 dairy thread (DIN 11851)	DN 50 dairy thread (DIN 11851)

### Filter configuration

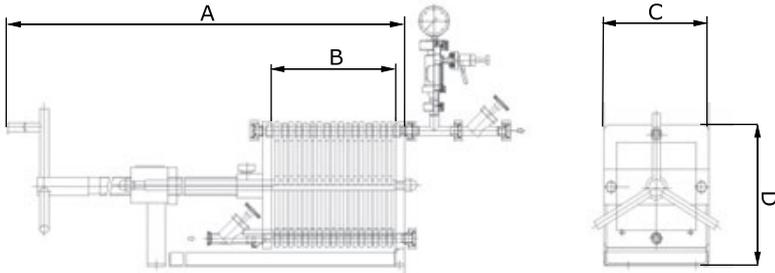
	NOVOX <sup>®</sup> 200 ST	NOVOX <sup>®</sup> 400 STP or STE	NOVOX <sup>®</sup> 600 STP or STE
Material filter plates and cake frames	Stainless steel (316L)	Stainless steel (316L)	Stainless steel (316L)
Thickness filter plates	8 mm	8 mm	8 mm
Thickness cake frames	8 mm	8 mm	8 mm
	25 mm	25 mm	25 mm
	40 mm	40 mm	40 mm
Material without product contact*	Stainless steel (304)	Stainless steel (304)	Stainless steel (304)
Movable	No (on request)	Yes	No (on request)
Diversion plate	Yes	Yes	Yes
Closing mechanism	Manual	Electric hydraulic	Electric hydraulic
	Hand hydraulic	Pneu. hydraulic	Pneu. hydraulic

\* except hydraulic components, slide barring, caster, and small parts

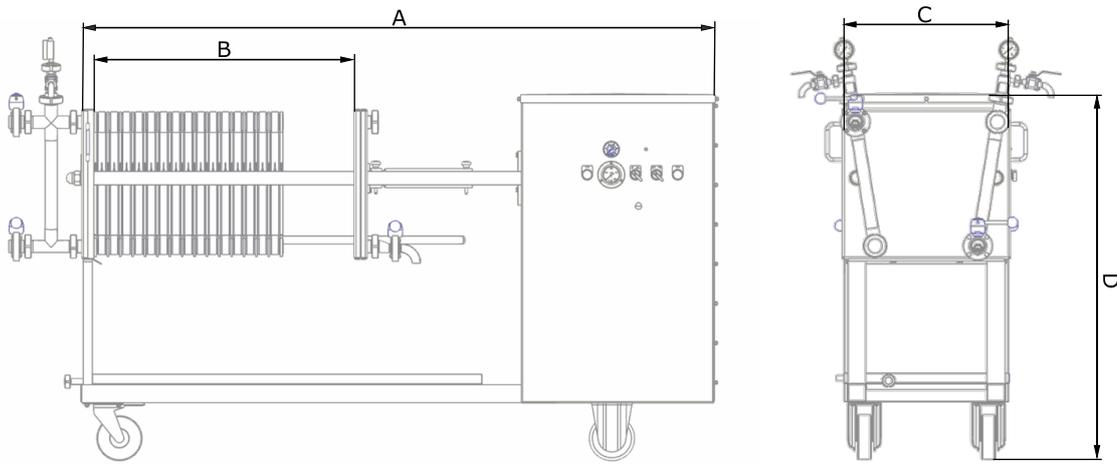
**Dimensions [mm]**

	<b>NOVOX® 200 ST</b>	<b>NOVOX® 400 STP or STE</b>	<b>NOVOX® 600 STP or STE</b>
A Size 1	1225	1569	2840
Size 2		2100	3530
Size 3		2753	4060
B Size 1	515	636	1397
Size 2		1168	2087
Size 3		1680	2617
C	260	556	910
D	370	1225 (movable)	1150

**NOVOX® 200 ST**



**NOVOX® 400 STP or STE**



**NOVOX® 600 STP or STE**

