

B-STeaM



- compact professional roll-to-roll steamer
- on-board steam generator
- low operational and maintenance costs
- High STeaM re-flow system for exceptional colour brightness
- all types of textile dyes
- low fresh steam consumption
- reproducible and uniform fixation results
- stainless steel 304 and 316

options:

- water softener
- custom power / frequency

The B-STeaM is a compact and reliable steam/air fixation unit with integrated steam generator for the fixation of textile dyes.

With temperatures between 100 and 180°C and dwell times from 3 to 30 minutes the B-STeaM is suitable for the fixation of all textile dyes. Typically 100 - 105°C for Reactive and Acid dyes, 165 - 180°C for Disperse dyes and hot-air fixation at 150°C for Pigments.

SETeMa's own High STeaM re-flow system guarantees a temperature accuracy of a few tenths of a degree throughout the entire steam chamber resulting in high quality and reproducible fixation results.

Regeneration of steam during the forced circulation ensures a low fresh steam consumption leading to lower energy and operating costs.

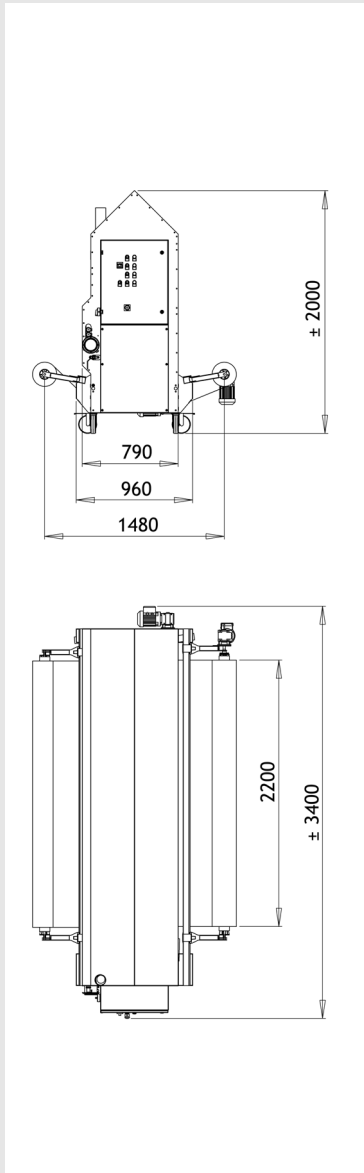
The maintenance-free chain drives all rollers thus a tensionless fabric transport is guaranteed.

The startup program enables the unit to heat-up automatically and create an airfree steam atmosphere. During production pauses the steamer will be switched to a Stand-by state in which the device, with minimum energy consumption, is kept at the selected production temperature.

The B-STeaM is made of 304 and 316 stainless steel and comes in a 2.20 meter width. The B-STeaM can simply be rolled into place through a standard door. All necessary components are integrated in the B-STeaM.

The B-STeaM is **CE** marked.

B-STeaM technical specifications



Type, capacity		BS	
Fabric length inside steam chamber		10	[m]
Production capacity	3 min fixation process	200	[m/h]
	10 min fixation process	60	[m/h]
	30 min fixation process	20	[m/h]
Forced circulation		500	[m ³ /h]
Temperature range	steam temperature	100 - 180	[°C]
	air temperature	50 - 180	[°C]
Type, width		2200	
Volume steam chamber		2.20	[m ³]
Fabric	maximum width	2.20	[m]
Fabric roll	maximum weight	60	[kg]
	maximum diameter	0.55	[m]
Dwell time		3 - 30	[min]
Steam generator		11	[kW]
Steam-/air heating		9	[kW]
Steam cooling		1.2	[kW]
Weight		600	[kg]
Required connections	power voltage	N + 3 x 230/400	[VAC]
	power current	32	[A]
	water	15	[l/h]
	water pressure	0.5-6	[bar]
	steam/air exhaust	500	[m ³ /h]
	condensate wastewater	1.5	[l/h]