

# Frontloaded kiln ELS

## Overview and technical data



- Unique and patent protected ceiling construction eliminates repair of arched ceilings and prevents contamination of goods as the entire ceiling is joined mortar-free.
- Pull Out System for the kiln floor enables loading from three sides.
- Heating from five sides, Kanthal A1 on ceramic tubes for unhampered heating.
- No corrosion and low outer temperature due to "In-Frame-Ventilation, the moist air is evacuated through frame ventilation holes.
- Three layer insulation solution with high-quality, reduction-resistant insulating firebricks inside the firing chamber.

## General

The ELS-series consists of five frontloaded kilns, mainly constructed for professional use in the ceramic studio or different education activities i.e. professional art schools or work shops. The heating elements are mounted on ceramic tubes for unhampered heat distribution and the heating from five sides provides an even temperature in the whole kiln chamber.


the Pull Out Solution for the kiln floor enables charging from three sides. This makes it not only easier and safer but also improves the charging density of the kiln by 20%.

The In-Frame Ventilation and stainless steel wall sheets prevents corrosion and reduces surface temperatures – a feature that is not usually standard in kiln construction.

The insulation consists of three layers. We use only high-quality, reduction-resistant insulating firebricks inside the firing chamber.

We also use a proven ceiling construction system which has been used successfully for more than 20 years. The combination of ceiling supports made from high-quality industrial ceramics and precision-fitted insulating firebricks prevents any particles falling from the ceiling onto the goods.



Technical data 

## CONTACT INFORMATION

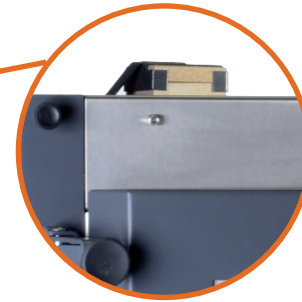
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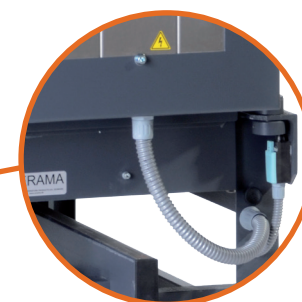
Corrosion protection and low surface temperature due to In-Frame Ventilation.



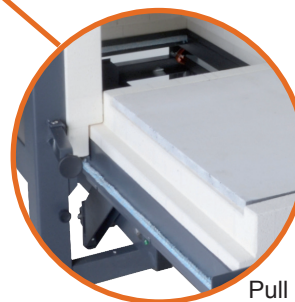
Exhaust air socket  $\varnothing$  80 mm for connection



Silent, low-wear solid state relay with external cooling element.



Security switch mounted in a safe position.



Pull Out System for easy loading from three sides.



#### Controller G20-20 ALL IN

An intelligent controller providing all the safety you need but still easy to operate.

G20-20 can store 20 firing programs but 12 programs are pre-programmed according to the most common types of firing schedules for glass and ceramics i.e. biscuit firing, earthen- and stoneware glazes, glass fusing, slumping etc. All programs can be changed to fit your need.

G20-20, which is specially developed for the Nordic market with regards to temperatures and firing processes, is programmed as:

RATE ( $^{\circ}$ C/h) – TEMPERATURE – TIME (soak).

For more details, see item 57G2020-CPC14 on our web.



3 year product warranty. Except for wear parts (see Cebex Product warranty).

Model	Temp	Inner dimension			Outer dimension			Power	Fuse	Connect	Weight
		b	d	h	B	D	H				
Samtliga mått i mm											
ELS 200 S	1320	455	640	680	800	1210	1670	13,2	20	32A	478
ELS 330 S	1320	590	720	800	930	1280	1800	22,0	32	32A	529
ELS 480 S	1320	640	770	1020	980	1370	1930	32,0	47	63A	680
ELS 750 S	1320	720	1100	1030	1400	1700	1970	50,0	73	N/A	1122
ELS 1000 S	1320	910	1005	1145	1590	1605	2085	70,0	100	N/A	1150

We reserve us the right for changes without further notice.

