PROFESSIONAL-LINE X electric top-loader, up to 1,320 °C

In all 230 Volt and 400 Volt models in KITTEC model series X, the energy utilisation is very efficient thanks to our design.
Specially designed Kanthal heating coils, high-quality lightweight refractory bricks and the innovative multi-layer premium insulation make a maximum operating temperature of 1,320 °C possible depending on the model. Because of the round design, the heat-emitting kiln surface is minimised. While all of the bright components reflect the heat, the heat is led away in a targeted way via the dark rear wall. The controllable supply air duct in the base is used to improve the atmosphere in the kiln. The advantage of the 400 Volt 3-phase current models is that the overall firing time can be reduced thanks to shorter heat-up phases.

- ESP Energy Saving Package: High-quality and innovative multi-layer premium insulation makes fast heating-up possible, even in the upper temperature range.
- The base and the body are made from one piece, without a cold bridge.
- Perfectly closing swinging lid system by means of unique pendulum mounting
- With bypass exhaust air system and air inlet slide valve for perfect firing control
- All exposed steel parts are made from stainless steel
- Continuous mortar-free brick lining reduces cracking
- Lightweight refractory brick ASTM 26 at the upper body edge, which is subjected to the most stress
- Lid lock with lockable eyelet
- Stainless steel guard bracket in front of the loading edge
- Large lid opening angle: The opening allows access to the complete firing chamber diameter
- Easy to load, ergonomic working height of 97 cm
- Extremely smooth single-hand-operated lid mechanism, allows safe opening and closing of the kiln through the X-handle – decentralised in the cold area.
- The optimised balance of the lid prevents unwanted accidents.
- Transport castors on the rear axle.

PROFESSIONAL-LINE model series X

Model	Basic design	Volume [l]	Firing chamber diameter [mm]	Firing chamber height [mm]	External diameter without frame [mm]	Overall width [mm]	Overall depth [mm]	Overall height [mm]	Output [kW]	Voltage [V]	Current [A]	Max. temperature [°C]	Weight [kg]
X 45	round	48	430	325	610	700	790	1050	3.6	230 N~	16	1320	75
X 45 S	round	48	430	325	610	700	790	1050	4.4	400 2N~	2x10 CEE16	1320	75
X 55	round	59	430	400	610	700	790	1050	3.6	230 N~	16	1280±30	85
X 55 S	round	59	430	400	610	700	790	1050	4.4	400 2N~	2x10 CEE16	1320	85
X 65	round	71	430	480	610	700	790	1050	3.6	230 N~	16	1250±30	90
X 65 S	round	71	430	480	610	700	790	1050	5.6	400 2N~	2x12 CEE16	1320	90
X 75	round	82	430	555	610	700	790	1050	3.6	230 N~	16	1200±30	95
X 75 S	round	82	430	555	610	700	790	1050	5.6	400 2N~	2x12 CEE16	1320	95
X 85	round	83	510	400	690	770	870	1050	3.6	230 N~	16	1200±30	90
X 85 S	round	83	510	400	690	770	870	1050	5.6	400 2N~	2x12 CEE16	1320	90
X 100 S	round	99	510	480	690	770	870	1050	6.8	400 3N~	3x10 CEE16	1320	105
X 115 S	round	115	510	555	690	770	870	1050	7.3	400 3N~	3x11 CEE16	1320	110
X 135 S	round	132	590	480	770	850	950	1050	8.2	400 3N~	3x12 CEE16	1320	125
X 170 S	round	174	590	630	770	850	950	1050	11	400 3N~	3x16 CEE16	1320	140
X 195 S	round	196	590	710	770	850	950	1050	11	400 3N~	3x16 CEE16	1320	150
X 215 S	round	215	590	780	770	850	950	1050	11	400 3N~	3x16 CEE16	1320	160
X 215 SX	round	215	590	780	770	850	950	1050	13.4	400 3N~	3x19 CEE32	1320	160
X 240 S	round	243	690	645	870	970	1090	1050	14	400 3N~	3x20 CEE32	1320	160
X 270 S	round	268	690	710	870	970	1090	1050	15	400 3N~	3x22 CEE32	1320	170
X 300 S	round	294	690	780	870	970	1090	1050	17	400 3N~	3x25 CEE32	1320	180

All data subject to technical change without notice.

Uniform working height of 97 cm

Robust upper body edge

Optionally available:

Lid heating

Additional lid heating turns your kiln into a combination kiln which is suitable for conventional firing procedures and also other applications such as glass fusing.

The switch of this lid heating is not just a selector switch for "Lid heating on/off" or "Side heating on/off" but a continuously adjustable switch with which you can set the ratio of lid heating to side heating yourself. It couldn't be easier when it comes to alternate firing of both ceramics and glass, for example!

Hearth heating

The additional heating in the base is protected in grooves and integrated in the kiln heating circuit.

Flexible exhaust pipe

Inspection hole (including bung)

The inspection hole in the front of the body makes it possible to observe the ware during the firing procedure.

Other available options:

- **Lid handle and controller on the right, exhaust on the left**
- **Maximum temperature 1,350 °C**
  Bricks, heating elements and insulation designed for 1,350 °C
- **Different controllers available** (see page 83)
- **Semiconductor relay (noiseless)**
  An electronic semiconductor relay is used instead of the electric contactor, and makes noiseless switching procedures possible during firing.

More information about the KITTEC PROFESSIONAL-LINE X top-loader and suitable furniture sets, tools and additional equipment can be found directly at www.kittec.eu - simply scan in the QR code!