



480V

# ELS 1000 S

ROHDE ERGO-LOAD-SYSTEM CHAMBER KILN



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|                |                  |
|----------------|------------------|
| Volume         | 35.3 cft         |
| Int Dimensions | 36" x 42" x 45"  |
| Performance    | 70 kW            |
| Tapp*          | 2354 °F/ Cone 10 |

\*Application temperature for long-term and continuous use

## OVERVIEW

|               |                          |
|---------------|--------------------------|
| Product Group | Kiln                     |
| Design        | Chamber Kiln             |
| Type          | Ergonomic Loading System |
| Cone          | 10                       |

## ENERGY

|             |                 |
|-------------|-----------------|
| Energy Type | Electrical      |
| Performance | 70 kW           |
| Amps        | 84.3 A          |
| Voltage     | 480 V           |
| Plug        | Direct wire     |
| Electrics   | Control cabinet |
| Phase       | 3               |

## DIMENSIONS

|                |                 |
|----------------|-----------------|
| Volume         | 35.3 cft        |
| Int Dimensions | 36" x 42" x 45" |
| Ext Dimensions | 66" x 68" x 83" |
| Weight         | 3,086 lb        |

## EQUIPMENT

|                  |                                                             |
|------------------|-------------------------------------------------------------|
| Insulation       | Triple-layer insulation system                              |
| Heating          | 5-side heating                                              |
| Heating Elements | Mounted on support rods                                     |
| Controller       | TR 532                                                      |
| Peepholes        | 3                                                           |
| Zone Control     | 3 zone                                                      |
| Inlet Air        | Auto                                                        |
| Exhaust Air      | Auto                                                        |
| Thermocouple     | Type S                                                      |
| Kiln Floor       | Electrically operated (eDrive)                              |
| Ceiling          | R-SiC ceiling support prevents cracks and falling particles |