

**SRK  
ROLLER KILN FOR RE-FIRING SANITARY FITTINGS**

**STRUCTURE:**

- Prefabricated modular structure. Insulated with special lightweight refractory bricks and a microporous structure for the parts in contact with the flame and ceramic fibres for those not exposed to the flame. The crown of the kiln is made of insulating refractory brick supported by the framework of the module on stainless steel hooks.

**DRIVING:**

- System driven by motor reducers with inverters and cylindrical drive transmission gears with helical teeth. Each gear is connected to a special cup that guarantees the centring of the roller support clamp and the its correct movement, through a universal joint. The rollers rest on idling supports on both sides of the kiln.

**COMBUSTION:**

- Fixed air/modulated gas or modulated air/modulated gas system (depending on the client's requirements),. Fitted with high speed burners, divided into self-regulated groups installed over and under the load. All of the burners are complete with automatic ignition and flame control.

**ELECTRICAL BOARD:**

- The electrical control of the kiln controls all of the functions. The computer manages the set point, the recipes, the alarms and records the temperatures of the thermocouples.

**ADJUSTMENTS:**

- Temperatures controlled through thermocouples and modulating valves governed by self-regulating microprocessors (Pid system). Automatic control of the pressures through the adjustment of the capacity of the flue gas and combustion air suction fans. Control of the fast cooling through a motorised, self-regulating valve and thermocouple.

### SPECIFICATIONS

		<b>SRK 170</b>	<b>SRK 220</b>
Internal kiln width	mm	1700	2200
Useful car width	mm	1500	2000
Useful loading height	mm	700-800	700-800
Kiln length	m	45-105	45-105
Maximum temperature of the structure	°C	1350	1350
Maximum working temperature	°C	1250	1250
Indicative firing cycle	h	8-14	8-14
Indicative specific consumption	Kcal/kg	1000-1200	1000-1200