

ATTILIO MATTARINI

LIVIO MINOGGIO

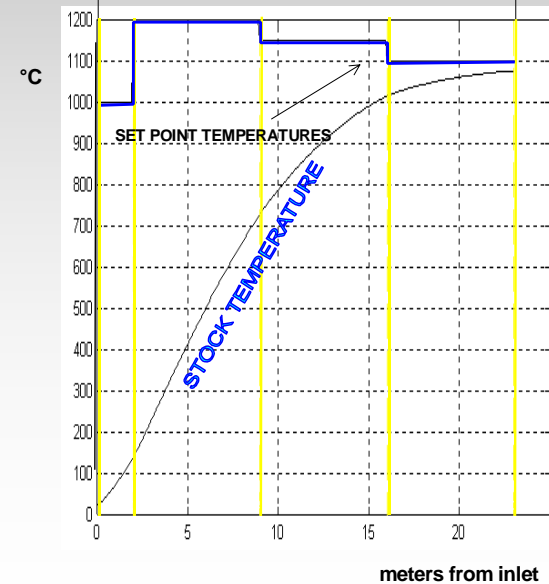
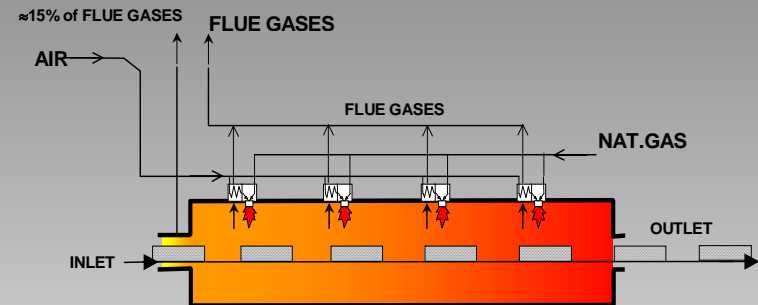
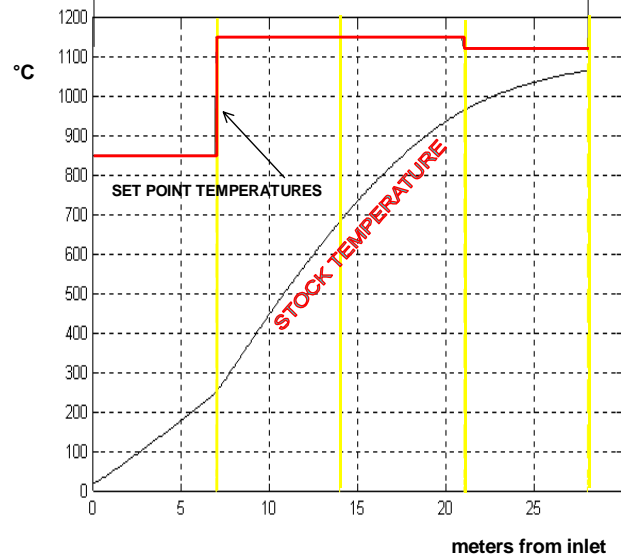
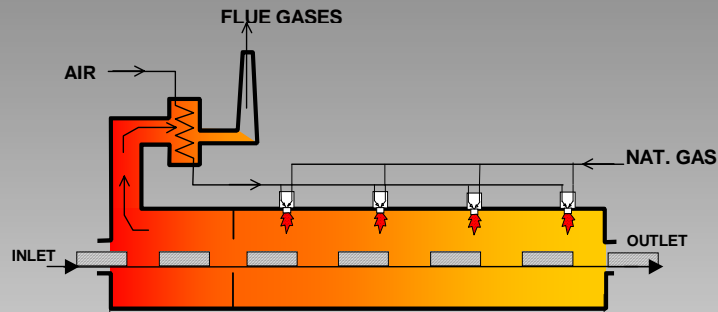
CLAUDIO VACCHELLI

The logo for EURISCA features the word "EURISCA" in a stylized, light blue, blocky font. The letter "i" is replaced by a red vertical bar with a small red dot above it, resembling a stylized person or a specific character.The logo for ecta kromschroder features the word "ecta" in a bold, black, lowercase font with a white outline. To its right, the words "krom" and "schroder" are stacked vertically in a smaller, black, lowercase font. A yellow diagonal line is positioned between "krom" and "schroder".

**APPLICAZIONE DELLA TECNOLOGIA AUTORECUPERATIVA
SU DI UN FORNO CONTINUO
PER LA RICOTTURA IN BIANCO DI TUBI SALDATI**



RECUPERO DI CALORE IN FORNO

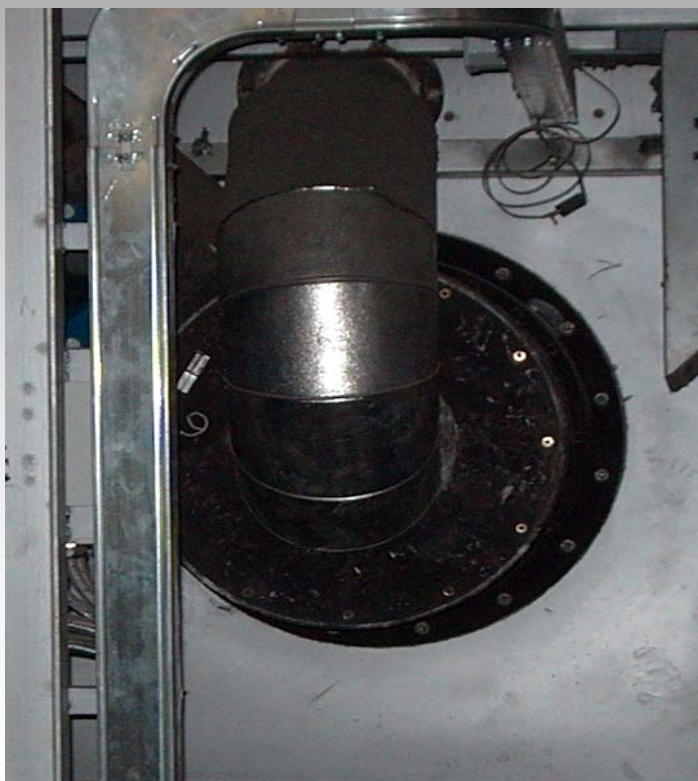


EURISCA

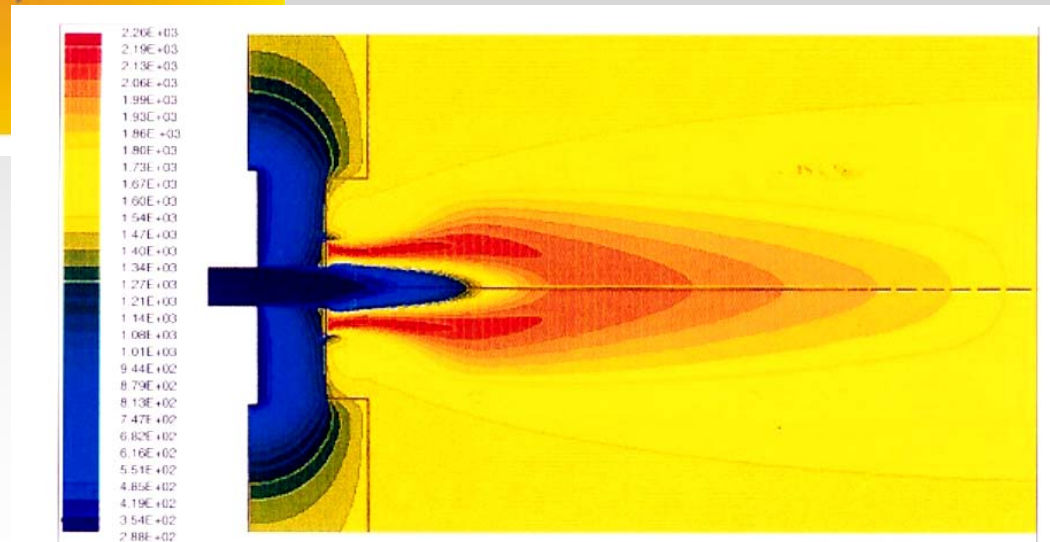
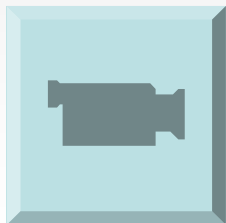
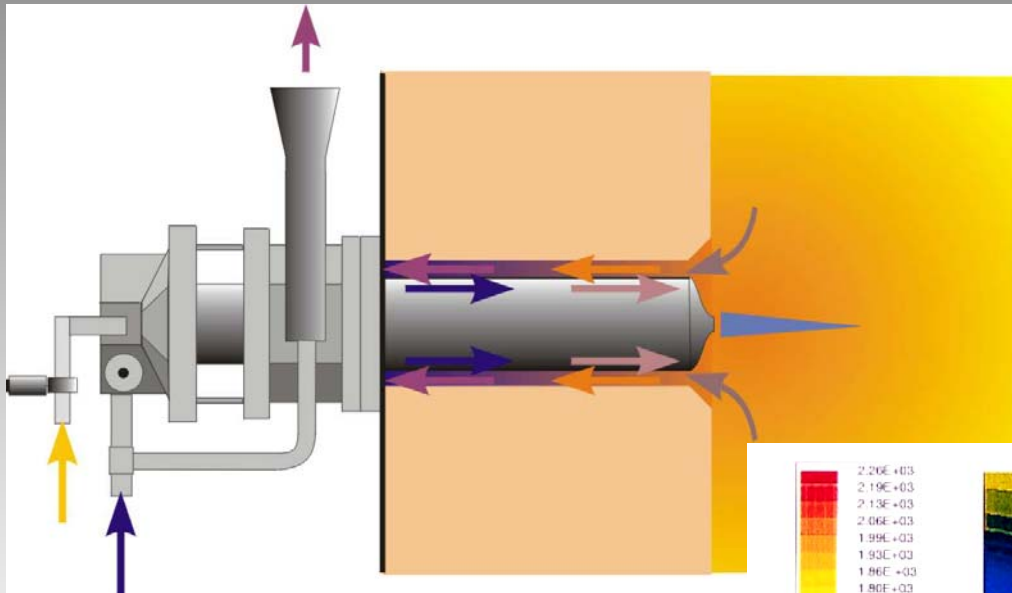
ecta krom
schroder



APPLICAZIONI DI BRUCIATORI AUTORECUPERATIVI



BRUCIATORI AUTORECUPERATIVI ALLO STATO DELL'ARTE

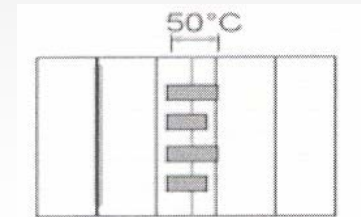
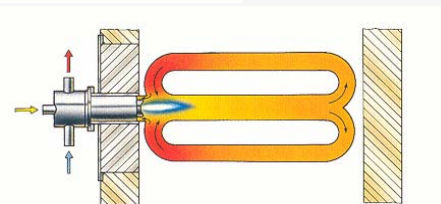
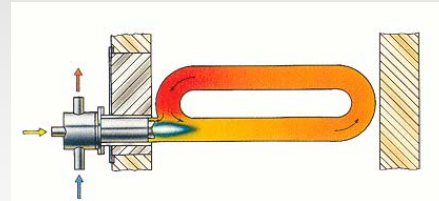
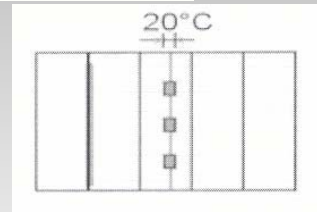
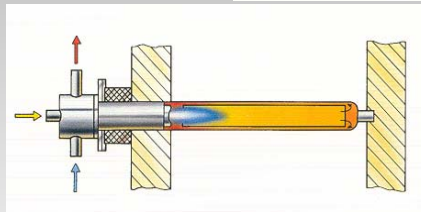
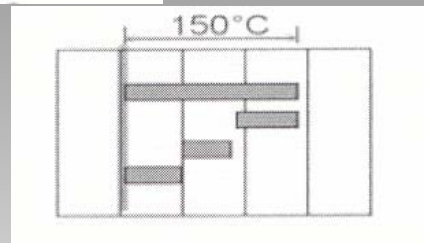
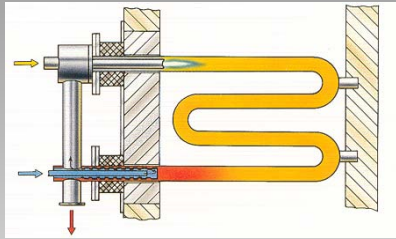
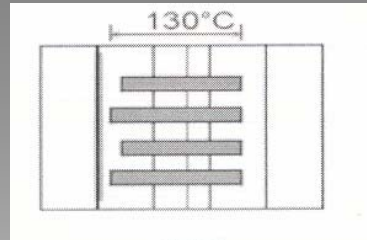
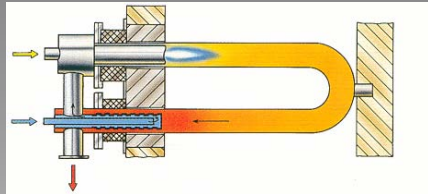


EURISCA

ecta kromschroder

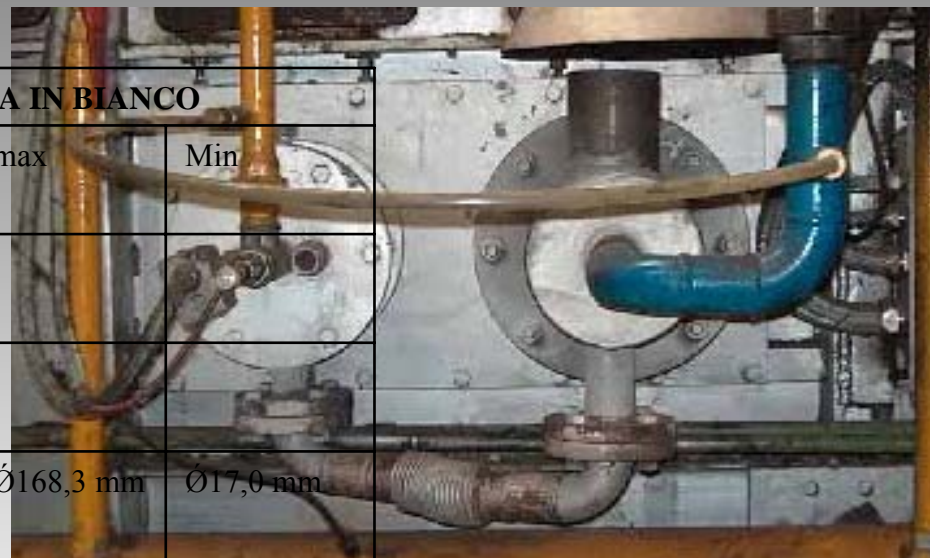


UNIFORMITA' TERMICA SUPERFICIALE

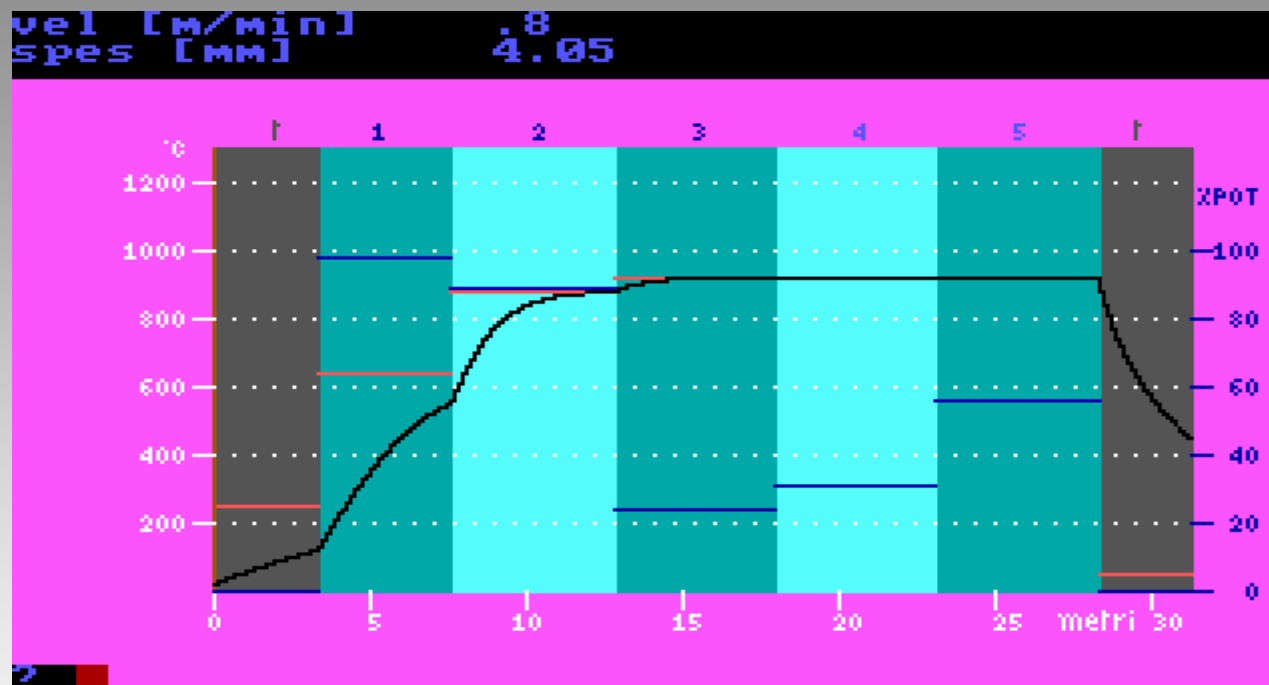


SPECIFICHE DI PARTENZA

SPECIFICHE PER FORNO DI RICOTTURA IN BIANCO			max	Min
Dimensioni forno	27.150 x 2.000 mm			
Produttività		6,5 t/h		
Dimensioni tubi			Ø168,3 mm	Ø17,0 mm
Spessore tubi			11,00 mm	1,2 mm
materiali	Acciai carbonio		800 N/mm ²	280 N/mm ²
Trattamento di distensione			700 °C	750 °C
Trattamento di normalizzazione			840 °C	950 °C



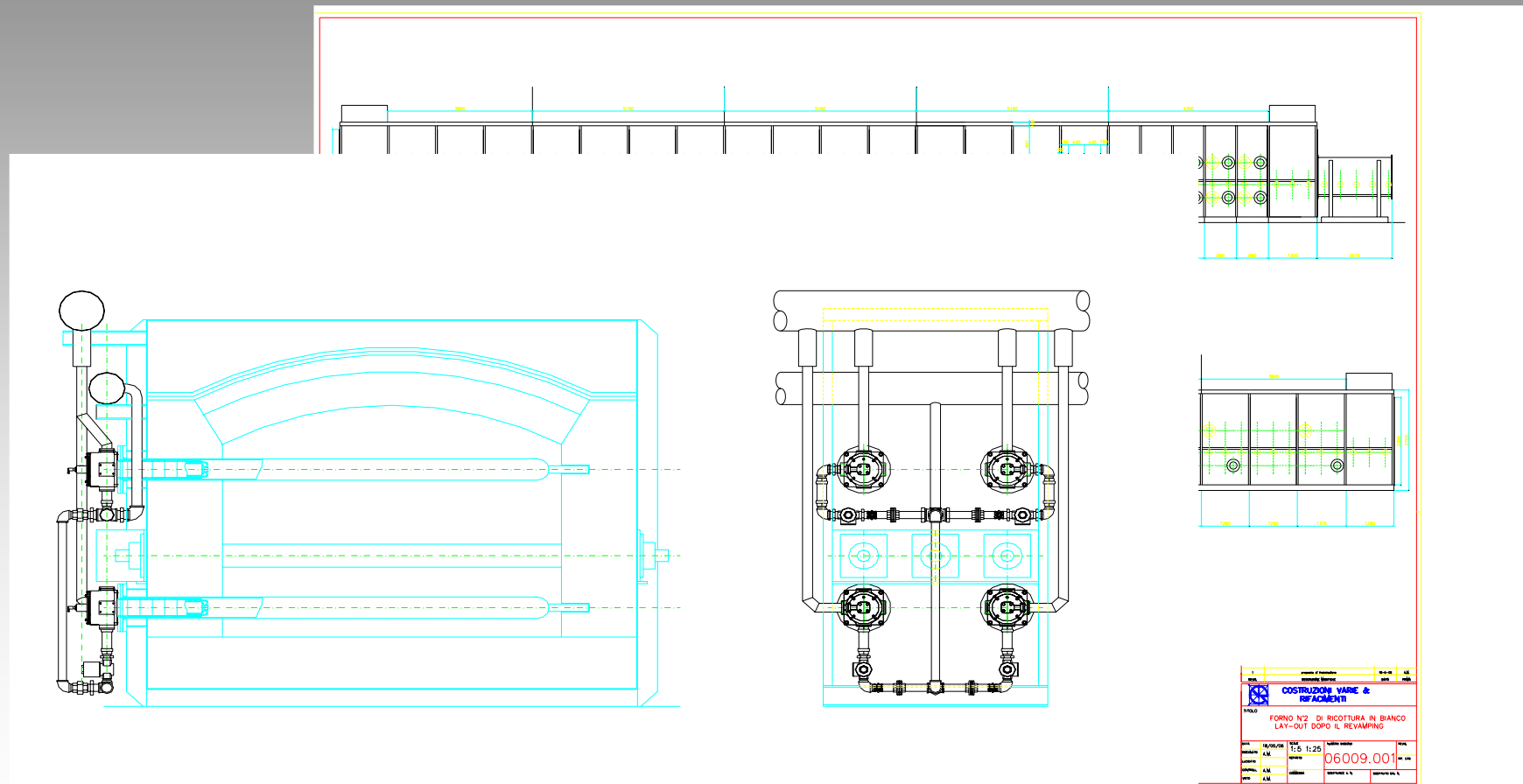
DIMENSIONAMENTO DELL'IMPIANTO DI COMBUSTIONE



	Zona 1	Zona2	Zona3	Zona4	Zona5	Un.
<i>Lunghezza</i>	4.300	5.160	5.160	5.160	3.895	mm
<i>N° bruciatori</i>	20	20	12	6	4	pz
<i>Potenza unit.</i>	30	30	30	30	30	kW
<i>Potenza tot.</i>	600	600	360	180	120	kW



REALIZZAZIONE DEL PROGETTO



EURISCA

ecta kromschroder

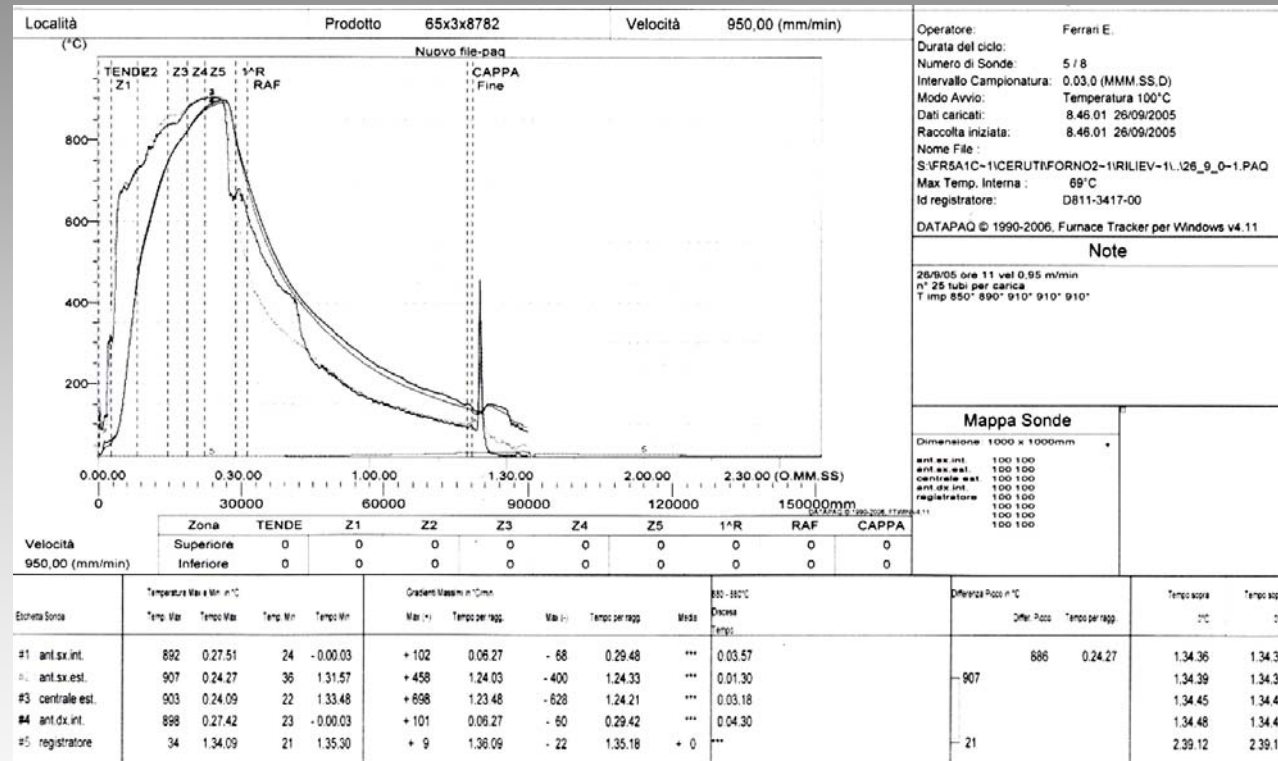


REALIZZAZIONE DEL PROGETTO





VERIFICA DELLE PRESTAZIONI





VERIFICA DELLE PRESTAZIONI

Zone	Zona 1	Zona 2	Zona 3	Zona 4	Zona 5
Temperatura Media Dei fumi	484	499	516	527	527

Zone	Zona 1
rendimento	0.79

FORNO REVAMPATO		
	Tubo piccolo	Tubo grande
Consumo specifico [Nm ³ /t]	30	29
FORNO ORIGINALE		
Consumo specifico [Nm ³ /t]	33-35	
FORNO CALCOLATO SENZA RECUPERO		
Consumo specifico [Nm ³ /t]	44	

GRAZIE PER L'ATTENZIONE

**INCREMENTO DELL'UNIFORMITA' TERMICA
(tubi dritti con inserto ceramico)**

**RIDUZIONE DEI CONSUMI DEL 13% RISPETTO ALLA SITUAZIONE PRECEDENTE
RIDUZIONE DEI CONSUMI DEL 46% RISPETTO AD UN FORNO SENZA RECUPERO
(scambiatore ad alto rendimento)**

