

CAADSYSTEM

Ptda. Sol de L'Horta, s/n 12110- L'ALCORA – CASTELLON – SPAIN TEL. +34 964 361592 - Móvil +34 600 592469 Entech was founded in 1997 with its Headquarter in Sassuolo (MODENA), where the main Ceramic Cluster in Italy is located and it started to develop its Technology in Raw-Material and Granules process, mainly operating in the Ceramic field.

In the years it began expanding its activity in others sectors such as Mining, Cement, Adhesive, Detergents and Glass.

The constant development of the technology, the considerable quality level of the Machinery, the flexibility to the Customer needs, the consolidated experience, the different application and different typology of plants combined with the unceasing research of the process optimization, make ENTECH one of the most expert and competitive Company operating in the market nowadays.

One Team of expert engineers develops the projects, starting from the the Lay-out study and its relative definition, they analyze the different process steps and then they provide with the installation and the final start-up of one single Machinery or very complex Systems.





DIRECT FLAME STAIN CALCINATION













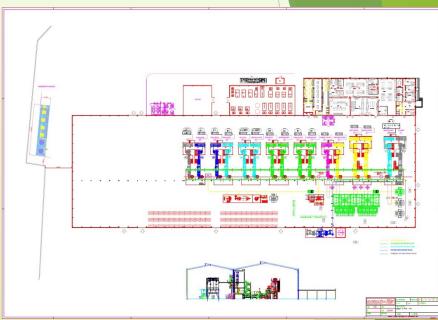


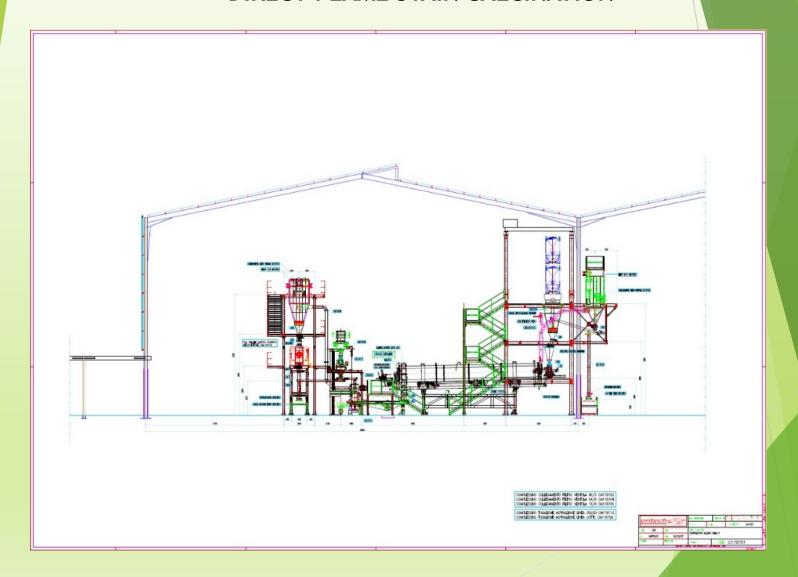




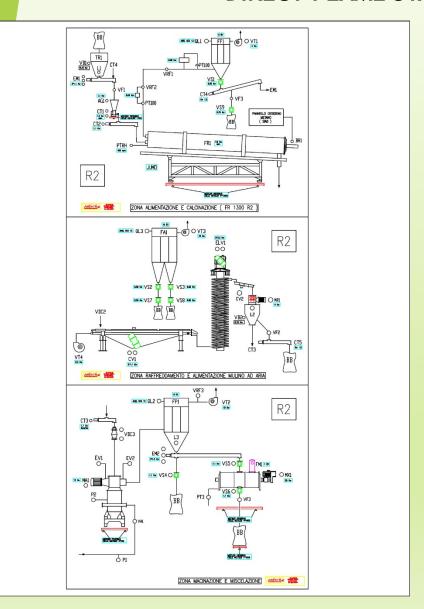


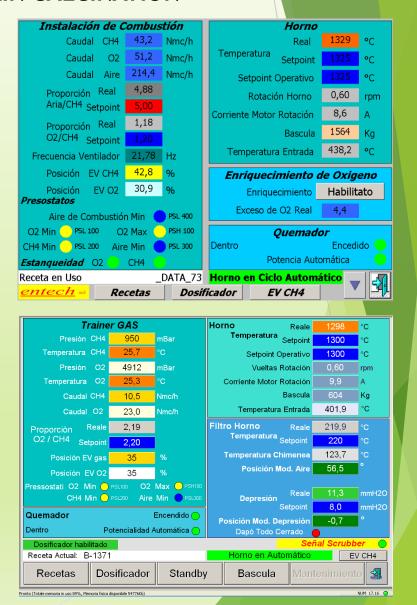






DIRECT FLAME STAIN CALCINATION





ND STATIC KILN	ROTARY KILN				STATIC KILN		
	LINEA CALCINAZIONE con forno DIRETTO 1100x8000 BLU		NR.2 MUFFOLE 6 M	3			
UNIT	UNIT		RMB/€		UNIT		RMB/€
RMB	2.517.310	380.000,00€	6,6245	0	3.312.250	500.000,00€	6,6245
YEAR	10				10		
DAY	242				242		
HOURS	24				24		
DAY	22		c .		22		
NR.	1				8		
NR/YEAR	11				11		
RMB/DAY	120	400,00€	6,6245		120	400,00€	6,6245
KG/H	200				200	Į.	
RMB/KW	0,99368	0,15€	6,6245		0,99368	0,15€	6,6245
RMB/KW	3,97470	0,60€	6,6245		3,97470	0,60€	6,6245
RMB/KW	0,92743	0,14€	6,6245		0,92743	0,14€	6,6245
RMB/KW	4,63715	0,70€	6,6245		4,63715	0,70€	6,6245
RMB/YEAR	125866	19000			165613	35000	
KG / YEAR	1161600	1161600			1161600	1161600	
KW./H	15				40		
CH4/H	30		(50		
O2/H	60				0		
NR.	0				800		
	RMB	EURO			RMB	EURO	
RMB	0,21671	0,03271			0,28515	0,04304	
RMB	0,02509	0,00379			0,20074	0,03030	
RMB	0,07453	0,01125			0,19874	0,03000	
RMB	0,59621	0,09000			0,99368	0,15000	
RMB	0,27823	0,04200	1	6	0,00000	0,00000	
RMB	0,00000	0,00000			0,35542	0,05365	
RMB	0,10836	0,01636			0,14257	0,02152	
	RMB	EURO			RMB	EURO	
	1,29912	0,19611	- 0,88	4	2,17629	0,32852	- 0,13
	1299,11829	196,10813	- 877,18		2176,29479	328,52212	- 132,41
10			RMB				EURO
	1.509.055,80	227.799,20	- 1.018.928,23		2.527.984,03	381.611,30	- 153.812,10
	UNIT RMB YEAR DAY HOURS DAY NR. NR/YEAR RMB/DAY KG/H RMB/KW RMB/KW RMB/KW RMB/KW RMB/KW RMB/KW RMB/YEAR KG / YEAR KW./H CH4/H O2/H NR. RMB RMB RMB RMB RMB RMB	UNIT UNIT RMB 2.517.310 YEAR 10 DAY 242 HOURS 24 DAY 222 NR. 1 NR/YEAR 11 RMB/DAY 120 KG/H 200 RMB/KW 0,99368 RMB/KW 3,97470 RMB/KW 0,92743 RMB/KW 4,63715 RMB/YEAR 1161600 KW./H 15 CH4/H 30 O2/H 60 NR. 0 RMB RMB 0,21671 RMB 0,02509 RMB 0,07453 RMB 0,07453 RMB 0,00000 RMB 0,10836	UNIT UNIT RMB 2.517.310 380.000,00 € YEAR 10 DAY 242 HOURS 24 DAY 22 NR. 1 NR/YEAR 11 RMB/DAY 120 400,00 € KG/H 200 RMB/KW 0,99368 0,15 € RMB/KW 3,97470 0,60 € RMB/KW 4,63715 0,70 € RMB/KW 4,63715 0,70 € RMB/YEAR 1161600 1161600 KG/YEAR 15 CH4/H 30 O2/H 60 NR. 0 RMB 0,21671 0,03271 RMB 0,02509 0,00379 RMB 0,07453 0,01125 RMB RMB 0,07453 0,01125 RMB 0,07660 RMB 0,07453 0,01125 RMB 0,00000 0,00000 RMB 0,00000 0,00000 RMB 0,10836 0,01636 RMB EURO 1,29912 0,19611 1299,11829 196,10813	UNIT UNIT RMB/€ RMB 2.517.310 380.000,00 € 6,6245 YEAR 10 DAY 242 HOURS 24 DAY 222 NR. 1	UNIT UNIT RMB/€ RMB	LINEA CALCINAZIONE con forno DIRETTO 1100x8000 BLU UNIT UNIT RMB	UNIT UNIT SAMB

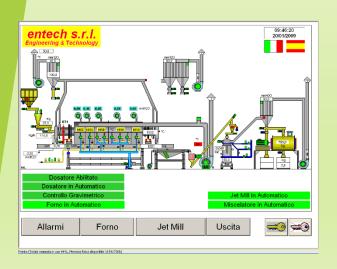
COMPARISON BETWEEN ROTARY KILN AI	ND STATIC KILN	ROTARY KILN				STATIC KILN		
		LINEA CALCINAZIONE con forno DIRETTO 1100x11250 BROWN-ORANGE		OWN-ORANGE	NR.4 MUFFOLE 6 N	M3		
DESCRIPTIONS	UNIT	UNIT		RMB/€		UNIT		RMB/€
INVESTMENT	RMB	2.716.045	410.000,00€	6,6245		6.624.500	1.000.000,00€	6,6245
AMORTIZATION	YEAR	10		24)		10		(4)
WORKING DAY FOR YEAR	DAY	242				242		
WORKING HOURS FOR DAY	HOURS	24				24		
WORKING DAY FOR MONTH	DAY	22				22		
WORKING MAN	NR.	1		30		16		
WORKING DAY	NR/YEAR	11				11		
COST OF WORKING MAN	RMB/DAY	120	400,00€	6,6245		120	400,00€	6,6245
PRODUCITON HOUR	KG/H	400				400		(A)
COST KW	RMB/KW	0,99368	0,15€	6,6245		0,99368	0,15€	6,6245
COST CH4	RMB/KW	3,97470	0,60€	6,6245		3,97470	0,60€	6,6245
COST 02	RMB/KW	0,92743	0,14€	6,6245		0,92743	0,14€	6,6245
COST REFRACTORY CONTAINER	RMB/KW	4,63715	0,70€	6,6245		4,63715	0,70 €	6,6245
ANNUAL MAINTENANCE	RMB/YEAR	135802	20500	30		331225	70000	8)
ANNUAL PRODUCTION OXIDE	KG / YEAR	2323200	2323200			2323200	2323200	
INSTALLED KW	KW./H	18				80	8	
INSTALLED CH4	CH4/H	35				100		
INSTALLED 02	O2/H	70		16.) 16.)		0		43
REFRACTORY CONTAINER	NR.	0				1600		
COST		RMB	EURO			RMB	EURO	8
INCIDENCE OF DEPRECIATION	RMB	0,11691	0,01765			0,28515	0,04304	
INCIDENCE WORKING MAN	RMB	0,01255	0,00189	30		0,20074	0,03030	
INCIDENCE COST KW	RMB	0,04472	0,00675			0,19874	0,03000	
INCIDENCE COST CH4	RMB	0,34779	0,05250			0,99368	0,15000	8
INCIDENCE COST 02	RMB	0,16230	0,02450			0,00000	0,00000	
INCIDENCE REFRACTORY CONTAINER	RMB	0,00000	0,00000	(4) (4)		0,35542	0,05365	8)
INCIDENCE MAINTENANCE	RMB	0,05845	0,00882			0,14257	0,02152	
		RMB	EURO	8		RMB	EURO	8
COST FOR KG		0,74271	0,11212	- 1,43		2,17629	0,32852	- 0,22
COST FOR TON		742,71275	112,11605	- 1.433,58		2176,29479	328,52212	- 216,41
				RMB				EURO
DIFFERENZE FOR YEAR		1.725.470,27	260.468,00	- 3.330.497,79		5.055.968,06	763.222,59	- 502.754,59
	23	100	26	E4 20 3				-0,815507221

DIRECT FLAME STAIN CALCINATION

COMPARISON BETWEEN ROTARY KILN AND	D STATIC KILN	ROTARY KILN				STATIC KILN		
		LINEA CALCINAZIO	NE con forno DIRE	TTO 1300x11250 BL	ACK-PINK	NR.8 MUFFOLE 6 M3+NR.8 MUFFOLE 4		ЛЗ
DESCRIPTIONS	UNIT	UNIT		RMB/€	10	UNIT		RMB/€
INVESTMENT	RMB	3.212.883	485.000,00€	6,6245		13.249.000	2.000.000,00€	6,6245
AMORTIZATION	YEAR	10		3	(4)	10	1	
WORKING DAY FOR YEAR	DAY	242				242		
WORKING HOURS FOR DAY	HOURS	24		0		24		
WORKING DAY FOR MONTH	DAY	22				22		
WORKING MAN	NR.	1			6	32		
WORKING DAY	NR/YEAR	11				11		
COST OF WORKING MAN	RMB/DAY	120	400,00€	6,6245		120	400,00€	6,6245
PRODUCITON HOUR	KG/H	800	50	100		800	28	100
COST KW	RMB/KW	0,99368	0,15€	6,6245	40	0,99368	0,15€	6,6245
COST CH4	RMB/KW	3,97470	0,60€	6,6245		3,97470	0,60€	6,6245
COST 02	RMB/KW	0,92743	0,14€	6,6245		0,92743	0,14€	6,6245
COST REFRACTORY CONTAINER	RMB/KW	4,63715	0,70€	6,6245		4,63715	0,70€	6,6245
ANNUAL MAINTENANCE	RMB/YEAR	160644	24250			662450	140000	
ANNUAL PRODUCTION OXIDE	KG / YEAR	4646400	4646400			4646400	4646400	
INSTALLED KW	KW./H	18			8	160	1	9
INSTALLED CH4	CH4/H	50				200		
INSTALLED 02	O2/H	100				0		
REFRACTORY CONTAINER	NR.	0				3200		
COST		RMB	EURO			RMB	EURO	9
INCIDENCE OF DEPRECIATION	RMB	0,06915	0,01044		(A)	0,28515	0,04304	
INCIDENCE WORKING MAN	RMB	0,00627	0,00095			0,20074	0,03030	
INCIDENCE COST KW	RMB	0,02236	0,00338	100		0,19874	0,03000	
INCIDENCE COST CH4	RMB	0,24842	0,03750			0,99368	0,15000	
INCIDENCE COST 02	RMB	0,11593	0,01750	160		0,00000	0,00000	
INCIDENCE REFRACTORY CONTAINER	RMB	0,00000	0,00000			0,35542	0,05365	
INCIDENCE MAINTENANCE	RMB	0,03457	0,00522			0,14257	0,02152	
		RMB	EURO			RMB	EURO	
COST FOR KG		0,49670	0,07498	- 1,68	(2) (3)	2,17629	0,32852	- 0,25
COST FOR TON		496,70006	74,97925	- 1.679,59	49	2176,29479	328,52212	- 253,54
				RMB				EURO
DIFFERENZE FOR YEAR		2.307.867,16	348.383,60	- 7.804.068,96		10.111.936,12	1.526.445,18	- 1.178.061,58
	N			38	3		1/3	-0,411693248

INDIRECT FLAME STAIN CALCINATION

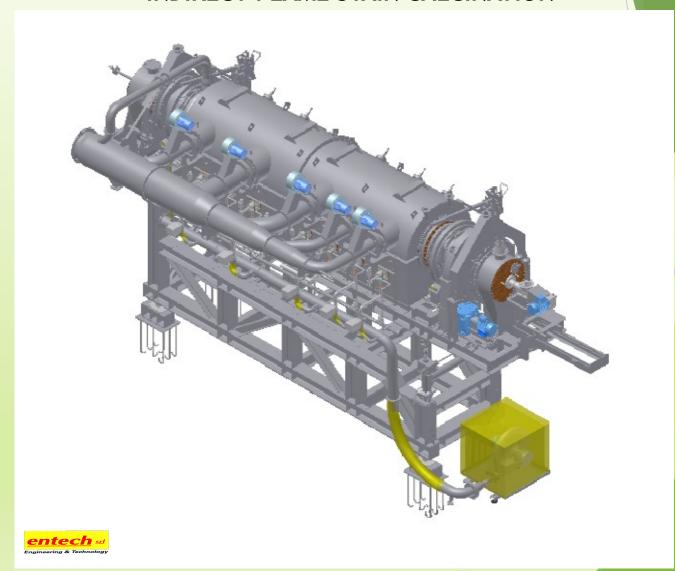


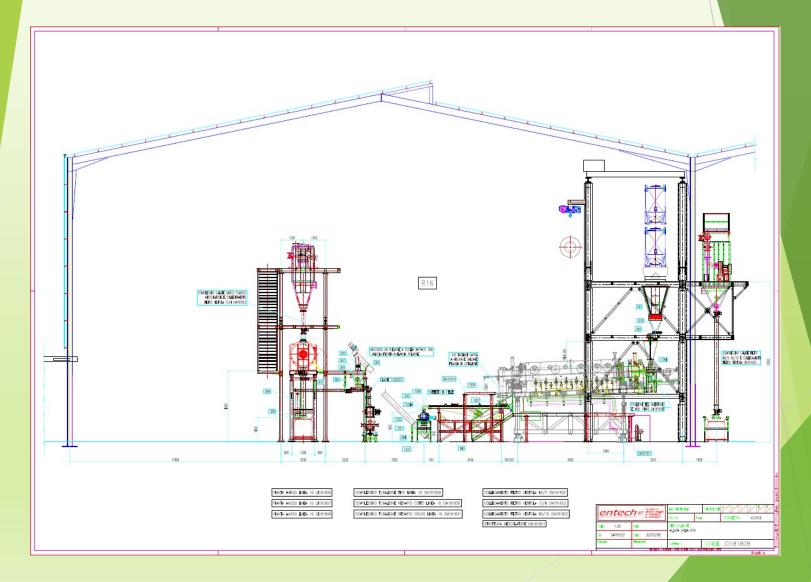




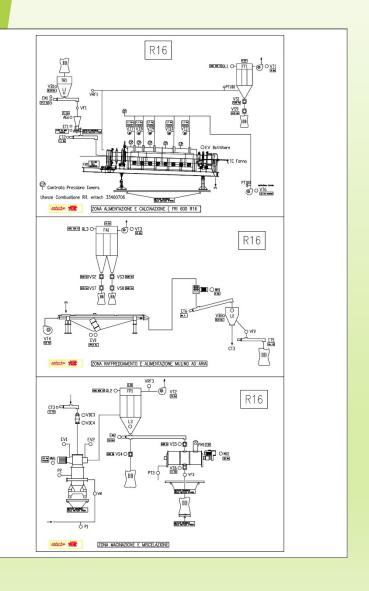


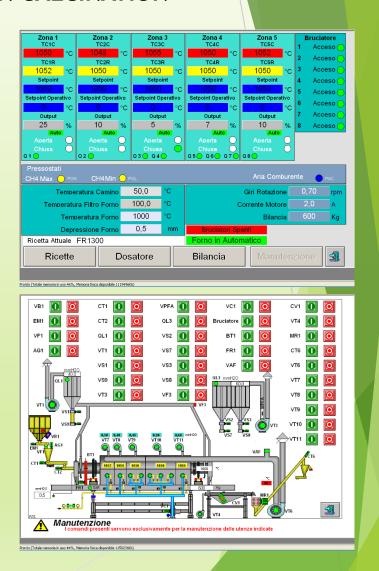






INDIRECT FLAME STAIN CALCINATION





INDIRECT FLAME STAIN CALCINATION

COMPARISON BETWEEN ROTARY KILN AN	ID STATIC KILN	ROTARY KILN				STATIC KILN		
	20	LINEA CALCINAZIO	NE con forno INDIR	RETTO FI600X6000 Y	ELLOW-TURCHESE-	NR.1 MUFFOLE 6 M	3+NR.1 MUFFOLE 4 N	13
DESCRIPTIONS	UNIT	UNIT		RMB/€		UNIT		RMB/€
INVESTMENT	RMB	6.525.133	985.000,00€	6,6245		1.656.125	250.000,00€	6,6245
AMORTIZATION	YEAR	10				10		
WORKING DAY FOR YEAR	DAY	242		33	7	242		10
WORKING HOURS FOR DAY	HOURS	24		20		24		
WORKING DAY FOR MONTH	DAY	22				22		
WORKING MAN	NR.	1				4		
WORKING DAY	NR/YEAR	11			*	11		
COST OF WORKING MAN	RMB/DAY	120	400,00€	6,6245		120	400,00€	6,6245
PRODUCITON HOUR	KG/H	100				100	3	
COST KW	RMB/KW	0,99368	0,15€	6,6245		0,99368	0,15€	6,6245
COST CH4	RMB/KW	3,97470	0,60€	6,6245		3,97470	0,60€	6,6245
COST 02	RMB/KW	0,92743	0,14€	6,6245		0,92743	0,14€	6,6245
COST REFRACTORY CONTAINER	RMB/KW	4,63715	0,70€	6,6245		4,63715	0,70€	6,6245
ANNUAL MAINTENANCE	RMB/YEAR	326257	49250			82806	17500	
ANNUAL PRODUCTION OXIDE	KG / YEAR	580800	580800	33		580800	580800	
INSTALLED KW	KW./H	18				20	3	
INSTALLED CH4	CH4/H	50				25	2	
INSTALLED 02	O2/H	0				0		
REFRACTORY CONTAINER	NR.	0	1	33		400	1	
COST		RMB	EURO			RMB	EURO	
INCIDENCE OF DEPRECIATION	RMB	1,12347	0,16959			0,28515	0,04304	
INCIDENCE WORKING MAN	RMB	0,05019	0,00758			0,20074	0,03030	
INCIDENCE COST KW	RMB	0,17886	0,02700	33		0,19874	0,03000	
INCIDENCE COST CH4	RMB	1,98735	0,30000			0,99368	0,15000	, A
INCIDENCE COST 02	RMB	0,00000	0,00000			0,00000	0,00000	
INCIDENCE REFRACTORY CONTAINER	RMB	0,00000	0,00000			0,35542	0,05365	
INCIDENCE MAINTENANCE	RMB	0,56174	0,08480	9	9	0,14257	0,02152	100
		RMB	EURO			RMB	EURO	
COST FOR KG		3,90161	0,58897	1,73		2,17629	0,32852	0,26
COST FOR TON		3901,60695	588,96625	1.725,31		2176,29479	328,52212	260,44
				RMB				EURO
DIFFERENZE FOR YEAR		2.266.053,31	342.071,60	1.002.061,30		1.263.992,02	190.805,65	151.265,95
								6,511709919





