



Miza company for Import and Export.

Email: miza_ly@outlook.com.

Tel-01: +447477838391

Tel-02: +218917333191

COMMERCIAL OFFER FOR CEMENT LINE

100 TONS PER DAY



شركة ميزة للإستيراد والتصدير



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I.

Technological index

1. Capacity: ≥ 100 t/d
2. Heat consumption: ≤ 1400 kCal/per kg clinker
3. Clinker Grade: ≥ 60 MPa
4. Dust including in waste air: ≤ 50 mg/ N-m³
5. Per clinker uses 180kg natural gas and 90kw electric

II.

Instruction

1. Design period of production line: 1 month
2. Equipment manufacture period: 3 month
3. Installation period: 2 months;

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III.

Block diagram

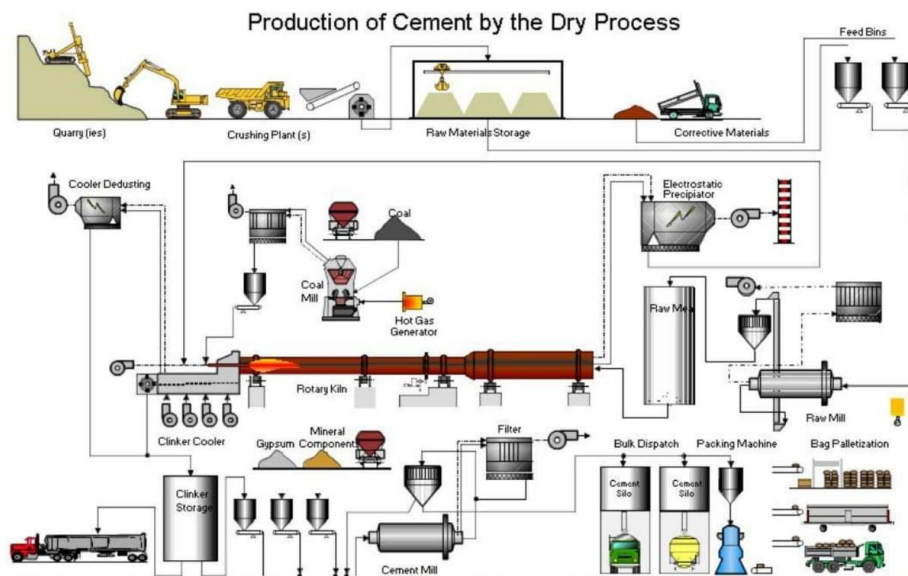


Figure 2-1: Process Flow diagram of the cement manufacturing process at Port Elizabeth. Please note that PE has long dry kiln with no preheater stage.



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IV. Contents and price

No	Name, Specification, Type	Unit	Qty	Price (USD)	Amount (USD)	Total power (Kw)
A Raw material crushing						
1	Jaw crusher 400x600	pcs	1	14069	14069	37
2	Belt Conveyor B500	pcs	1	7914	7914	5.5
3	Plate Elevator NE50	pcs	1	15828	15828	7.5
B Raw material grinding						
4	Spiral gate	pcs	3	880	2640	0
5	Belt balance	pcs	3	5276	15828	2
6	Belt conveyor	pcs	1	7914	7914	5.5
7	Raw mill 1.5x5.7m	pcs	1	51000	51000	130
8	Bag filter	pcs	1	10552	10552	3
9	Drafter	pcs	1	880	880	5.5
10	Spiral gate GX	pcs	1	5628	5628	3
11	Plate Elevator NE30	pcs	1	9673	9673	5.5
C Raw material homogenization						
12	Spiral gate	pcs	2	880	1760	0
13	Rotary feeder	pcs	2	1760	3520	3
14	Spiral gate GX300	pcs	1	5628	5628	3
D Calcination System						
15	Plate Elevator NE30	pcs	1	8793	8793	5.5
16	Spiral gate	pcs	1	880	880	0
17	Spiral feeder	pcs	1	5276	5276	1.5
18	Rotary kiln Ø1.9x60m	pcs	1	260272	260272	30
19	Single barrel cooler	pcs	1	63310	63310	18.5
20	Spiral gate B500	pcs	1	7914	7914	5.5
E Coal powder making system						
21	Elevator	pcs	1	7035	7035	5.5
22	Spiral gate	pcs	1	880	880	0
23	Vibrating feeder	pcs	1	1759	1759	0.5
24	Vertical coal mill	pcs	1	66827	66827	45
25	Feeding valve	pcs	1	3518	3518	1.5
26	Bag Filter	pcs	1	21104	21104	3
27	Drafter	pcs	1	2638	2638	30
28	Spiral gate	pcs	1	880	880	0
29	Feeder	pcs	1	7035	7035	3
30	Natural gas burner	pcs	1	12310	12310	0



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31	Centrifugal fan	pcs	1	1407	1407	7.5
F	Cement grind					
32	Elevator	pcs	1	10552	10552	5.5
33	Spiral gate	pcs	3	880	2640	0
34	Belt balance	pcs	3	5276	15828	1.5
35	Belt conveyer	pcs	1	7914	7914	5.5
36	Cement mill	pcs	1	51000	51000	130
37	Bag Filter	pcs	1	10552	10552	3
38	Drafter	pcs	1	1407	1407	7.5
39	Conveyor	pcs	1	5628	5628	3
40	Plate Elevator NE30	pcs	1	10552	10552	5.5
41	Conveyor FU	pcs	1	5276	5276	3
G	Production packing					
42	Spiral gate	pcs	3	880	2640	0
43	Rotary feeder	pcs	3	1759	5277	4.5
44	Conveyor GX	pcs	1	7035	7035	3
45	Plate Elevator	pcs	1	7035	7035	5.5
46	Vibrating screen	pcs	1	5276	5276	3
47	Packing machine	pcs	1	8793	8793	3
H	Other investment					
48	Refractory	T			27259	
49	Electric and Automatic equipment				28138	
50	Design charge				26379	
51	Laboratory Equipment				52758	
52	Installation charge				140688	
53	Commission and train charge				52758	
54	water supply and drainage and heat supply				38690	
55	Cable and bridge				79137	
56	Non-standard parts				70344	
In total (USD)					1,298,228	551