

## **PLANT: HEAVY CLAY BRICKS AND BLOCKS, ITALY**

PRODUCTIONI CAPACITY: 1200 T/DAY

YOM: 2005

PRODUCTS: STANDARD CERAMIC BRICK, DOUBLE BRICK, ALL SIZES OF  
CERAMIC BLOCKS

### PRODUCT'S RANGE:



## MACHINERY LIST:

### CLAY PREPARATION DEPARTMENT (BEDESCHI, ITALY):

1. EXCAVATOR BEDESCHI SIC-S, LENGTH 15mt, 18kw + 5,5kw + 2+2kw
2. BELT NG 100/1200, WIDTH 1200mm, LENGTH 100mt, 10kw
3. BELT NG 35/1000, WIDTH 1000mm, LENGTH 35mt, 7,5kw
4. ROTARY FILTER GDR 20/10, DIAM. 2000mm, WIDTH 1000mm, 55+55kw
5. FLAT BELT NGP 7/1000, WIDTH 1000mm, LENGTH 7mt, 2,2kw
6. BELT NG 6,5/1000, WIDTH 1000mm, LENGTH 6,5mt, 2,2kw
7. FLAT BELT NGP 7,5/1400, WIDTH 1400mm, LENGTH 7,5mt, 2,5kw
8. ROLLER MILL BEDESCHI LPS 14/12, DIAM 1400mm, WIDTH 1200mm, 132+132kw
9. N.2 GRINDING UNITS FOR ROLLER MILL LPS, WIDTH 1200mm, 0,37kw
10. BELT NG 24/1000, WIDTH 1000mm, LENGTH 24mt, 7,5kw
11. FEEDER BEDESCHI CNL 8/1500, WIDTH 1500mm, LENGTH 8mt, 15kw
12. BELT NG 15/1000, WIDTH 1000mm, LENGTH 15mt, 7,5kw
13. BELT NG 24/1000, WIDTH 1000mm, LENGTH 24mt, 7,5kw
14. ROLLER MILL BEDESCHI LPV 12/14, DIAM 1200mm, WIDTH 1400mm, 160+160kw
15. N.2 GRINDING UNITS FOR ROLLER MILL LPV, WIDTH 1400mm, 0,37kw
16. FLAT BELT NGP 18/1600, WIDTH 1600mm, LENGTH 18mt, 7,5kw

### EXTRUSION DEPARTMENT (BEDESCHI, ITALY):

17. DOUBLE SHAFT MIXER BEDESCHI GDF 800, AUGERS DIAM 600mm, 110kw
18. BELT NG 5/1000, WIDTH 1000mm, LENGTH 5mt, 2,2kw
19. BELT NG 4,5/1000, WIDTH 1000mm, LENGTH 4,5mt, 2,2kw
20. EXTRUDER BEDESCHI BED 750SL, AUGERS DIAM 750/750mm, 315kw
21. BELT NG 13/1400, WIDTH 1400mm, LENGTH 13mt, 7,5kw
22. BELT NG 40/1000, WIDTH 1000mm, LENGTH 40mt, 10kw
23. BELT NG 12/1400, WIDTH 1400mm, LENGTH 12mt, 7,5kw
24. FLAG HOIST FOR EXTRUDER BED 750SL, 2000kg

### CUTTING AND DRYER LOADING/UNLOADING DEPARTMENT (COSMEC, ITALY):

25. TRANSPORTATION BELT, WIDTH 1200mm
26. SINGLE CUTTING MACHINE, 1+1 ORIZONTAL/VERTICAL CUT, BELT WIDTH 1200mm
27. TRANSPORTATION BELT, WIDTH 1200mm
28. MULTI CUTTING MACHINE, 1+1, VERTICAL, CUTTING WIDTH 1200mm
29. INTERCHANGEABLE BELT

- 30. TRANSLATOR/SIDE SHIFT, 90°
- 31. MULTI CUTTING MACHINE, 1+1, INCLINED, CUTTING WIDTH 1200mm
- 32. GREEN BRICKS COUPLING SYSTEM
- 33. WASTE GREEN BRICK GRINDING AND UNLOADING SYSTEM
- 34. COMPLETE DRYER PLATFORM HANDLING SYSTEM
- 35. DRYER PLATFORM STORAGE SYSTEM
- 36. DRYER LOADING/UNLOADING SYSTEM

DRYER (PICCININI IMPIANTI, ITALY):

- 37. CONTINUOUS DRYER PICCININI IMPIANTI TYPE PI/E-C
  - INSIDE/OUTSIDE WIDTH: 23,50/24,50 MT
  - INSIDE/OUTSIDE LENGTH: 78,50/88,10 MT
  - DRYING LINES: – 6
  - TROLLEY FOR EACH LINE: – 24
  - TOTAL TROLLEY Q.TY INSIDE DRYER: - 144+14 RETURN
  - TOTAL TROLLEY Q.TY: - 170
  - TROLLEY DIMMENSION: 1.650 X 3.330 X H.4.810 mm
  - ELECTRICAL INSTALLED CAPACITY: 800 kW
  - ELECTRICITY CONSUMPTION: 12,20 kW/ton
  - THERMAL CONSUMPTION: 220 Kcal/kg
  - CONSUMPTION THERMAL RECOVERED FROM KILN: 120 Kcal/kg

KILN TROLLEY MOVING AND LOADING/UNLOADING SYSTEM (COSMEC, ITALY):

- 38. MOVING AND STACK PREPARATION SYSTEM
- 39. KILN'S TROLLEY LOADING SYSTEM WITH PINCERS, 6 PINCERS
- 40. TROLLEY MOVING HYDRAULIC SYSTEM
- 41. KILN'S TROLLEY UNLOADING SYSTEM WITH PINCERS, 6 PINCERS
- 42. TROLLEY STORAGE SYSTEM

KILN (PICCININI IMPIANTI, ITALY):

- 43. TUNNEL KILN PICCININI IMPIANTI 165,5/8,7
  - INSIDE/OUTSIDE WIDTH: 7/8,7 MT
  - INSIDE/OUTSIDE LENGTH: 161,9/165,5 MT
  - INSIDE/OUTSIDE HEIGHT: 2,1/3,85 MT
  - KILN'S TROLLEY DIMMENSION: 2.800 X 7.050 X H. 800 mm
  - TOTAL TROLLEY Q.TY INSIDE KILN: 57+1 PRE-KILN

- EXTRA TROLLEY: 32
- TOTAL TROLLEY Q.TY: 90
- ELECTRICAL INSTALLED CAPACITY: 435,9 kW
- THERMAL CONSUMPTION: 320 Kcal/kg
- THERMAL RECOVER FOR DRYER: 120 Kcal/kg

PACKAGING AND READY PRODUCT STORAGE SYSTEM (COSMEC, ITALY):

- 44. N.2 TRANSPORTATION BELTS
- 45. PALLET FEEDING SYSTEM
- 46. N.2 HORIZONTAL STRAPPING MACHINES
- 47. LATERAL PLASTIC HOODING MACHINE
- 48. HORIZONTAL KILN
- 49. TRANSPORTATION BELT
- 50. LABELING MACHINE
- 51. PACKS UNLOADING AND STORAGE SYSTEM

MACHINERY PHOTOS:

CLAY PREPARATION DEPARTMENT (BEDESCHI, ITALY):















# BEDESCHI SpA

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MODELLO  
TYPE

LPS 14 X 12

MATRICOLA  
SERIAL

M 3146

ANNO  
YEAR

2005



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MODELLO  
TYPE

LPV 12 X 14

MATRICOLA  
SERIAL

M 3153

ANNO  
YEAR

2005









EXTRUSION DEPARTMENT (BEDESCHI, ITALY):









CUTTING AND DRYER LOADING/UNLOADING DEPARTMENT (COSMEC, ITALY):













DRYER (PICCININI IMPIANTI, ITALY):









KILN TROLLEY MOVING AND LOADING/UNLOADING SYSTEM (COSMEC, ITALY):





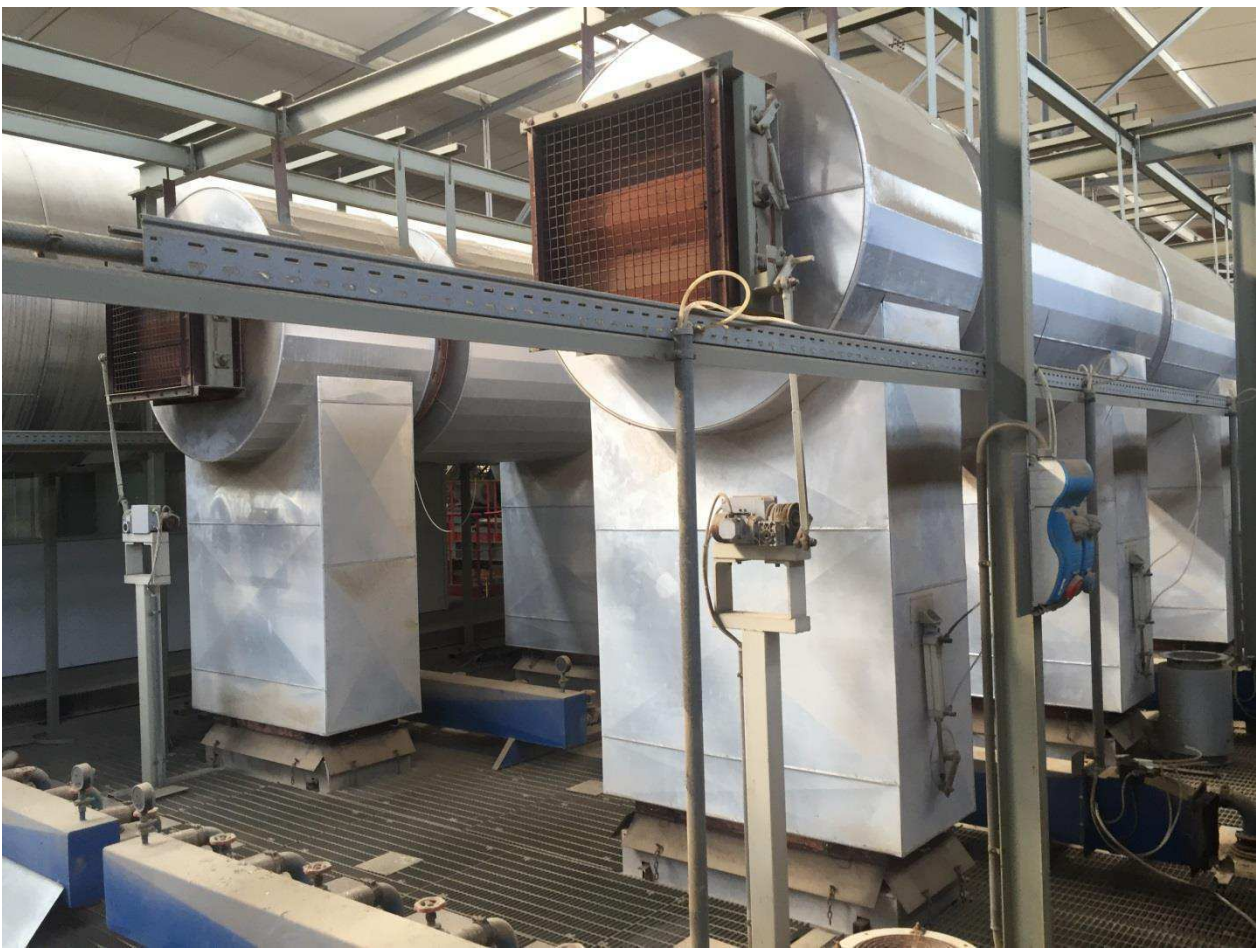




KILN (PICCININI IMPIANTI, ITALY):













PACKAGING AND READY PRODUCT STORAGE SYSTEM (COSMEC, ITALY):













