MET-TECH | Product Data Sheet
CLAY BRICKS LINE - 25.0 MILL. - 240x115x71 - 247x490x249 MM

Description: CLAY BRICKS LINE - 25.0 MILL. - 240x115x71 - 247x490x249 MM
Ref. No.: BRICKS100201
Year: 1970-2000
Brand: HÄNDLE, HUBER, GOLLER, BEDESCHI, LINGL, RIETER
Qty. 1 Second-hand clay bicks production plant
Mfc.: Händle, Huber, EAB, Lingl, Rieter, Novoceram, etc. Built
Still on foundation!
Capacity: approx. 25 Mil. NF/annum 6 days per week ? 12 months
Single shift approx. 80 000 NF - approx. 130 Ton 8 ? 9 h at density of 0.8
Product: Vertical coring bricks for outer & inner walls
Format: from 240x115x71 mm ? 247x490x249 mm
Additives: saw dust & granite sand
Preparation plant capacity: approx. 25 t/h
Forming plant capacity: approx. 18 t/h
Shrinkage during drying: 5 ? 6 % Total shrinkage
Drier: Continuous drier with full automatic control system
Drying temp.: 40 ? 125 °C Residual moisture
Energy source: kiln waste heat & light oil
Kiln: Tunnel kiln with full automatic control
Burning temp.: max. 930 ? 955 °C Burning fuel
Specific fuel consumption: approx. 350 ? 390 kcal/kg burned product
Steam generator ? energy source: light oil Foil automat ? energy source
Voltage supply: 400 V, 3 ph., 50 Hz Power input
Power consumption: 45 kWh/t Air pressure supply
Manpower requirement: 5 operators one shift only! 24 h full automatic control
Production stop: 12/2009
Scope of supply
Pos. Description Manufacturer Type Built

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S1. Stockpiled
S1.1. Charging
S01 Feeding box 1 Händle BK6 AA8.2, m/AB 1.25 m 1970
S02 Feeding box 2 Händle BKN 1205C, inverter contr. 1999
AA 5.0 m / AB 1.25 m
S03 Feeding box 3 Händle BKN 1205C, inverter contr. 1999
AA 5.0 m / AB 1.25 m
S04 Conveyor 1 Huber RHUK AA2.75 m / AB 0.8 m 1991
S05 Conveyor 2 Huber RHU AA2.2 m / AB 1.0 m 1979
S06 Ascending conveyor 1 Huber RHUK AA40.2 m / AB 0.8 m 1991
S07 Ascending conveyor 2 Huber RHUK AA4.0 m / AB 0.8 m 1991
S08 Refusel band with refusel plough Huber RHUK AA48.0 m / AB 0.8 m 1991
S1.2 Discharge
S09 Chain dredges Faller/Rohr length ? AA9.0 m 1983
S10 Discharge conveyor AA55.0 m / AB 0.65 m 1983
S11 Cross conveyor Huber RHUK AA2.2 m / AB 0.65 m 1991
S12 Metal detector EAB MS 0.8/85-90 1990
A Preparation
A13 Pan grinder Händle HH 1850a ? hydr. drive 1979
A14 Collective conveyor 1 Huber RHSTV AA4.0 m / AB 1.2 m 1993
A15 Collective conveyor 2 Huber RHSTV AA4.5 m / AB 1.2 m 1993
A16 Conveyor 1 Huber RHST AA17.5 m / AB 0.8 m 1991
A17 Material distributor Quirl 1993
A18 Rolling mill Händle Finish rolling mill 1065a 1965
A19 Roll grinder H. Goller Typ2 1995
A20 Conveyor 2 Händle Steel shingle conveyor
AA 15.7 m/AB 0.8 m
A21 Feeding box Rieter BK ? inverter contr. 1966
AA 6.5 m / AB 1.25 m
A22 Collection conveyor Huber RHUK AA6.5 m/ AB0.65 m 1984
A23 Feeding conveyor Huber RHU65 AA13.7 m/AB 065 m 1978
A24 Fine dosing
A25 Metal detector EAB MS/005/71 IC 1973
Sawdust
A26 Feeding box Huber RHST inverter contr. 1978
AA 3.5 m/AB 1.4 m
A27 Sreening sieve Amann ASS-100 1994
A28 Collection conveyor Huber RHU AA3.2 m/AB 0.5 m 1978

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A29 Sawdust mill Faller SMM 2 1999
A30 Collection conveyor Bedeschi AA5.5 m/AB 0.5 m 1996
Heavy sand
A31 Feeding box Bedeschi CNG 4/1200, inverter contr. 1996
AA4.0 m /AB 1.2 m
A32 Collection conveyor Huber RHU AA 3.2m / AB 0.5 m 1978
Forming plant
F33 Steam boiler Bay 1420 L, 10 bar, 524 kW 1996
F34 Vacuum pump SIHI LPA 55312 1992
F35 Double shaft mixer Händle MDV 920a 1966
F36 Screw press Rehart Primus 500 2000
F37 Press head 1 Braun contr. slider ? max. 365 mm 2000
F38 Press head 2 Braun fixed position 490 mm 2000
Pos. Description Manufacturer Type Built
F39 Mouth pieces (approx. 30) Braun Exit 240-490 mm RD 0.65-2.0 1980-2009
F40 Pillar crane Abus VS 406/1000 kg 1996
F41 Plasticity contr. & recipe org. Thermoplan Themoplast 0145 1998
F42 Cut unit Lingl UA-E, circulating cut unit 1993
F43 Waste conveyor 1 Huber RHUK AA22.6 m /AB 0.8 m 2000
F44 Waste conveyor 2 Huber RHUK AA4.0 m /AB 0.65 m 1989
F45 Rotary screen feeder Rieter SR 1500 1966
Drying plant
Wet part
T46 Transfer belt conveyor Recknagel 1984
Diverse equipment Novocerik
T47 Dried lath Rotho rectangle profile ? L 2.0 m 1984
T48 Dried lath storage Lingl 1991
Drier part
T49 Drier Novoceram Continuous drier 1984/98
T50 Drier cars (qty. 88) Novoceram Variable lath distance 1984/98
T51 Air circulation Novoceram Rotating blowers (qty. 39) 1984/2005
T52 Fresh air heating Novoceram Weißhaupt/Venta 1998
T53 Hot air ventilator EVG HL-VR N/RU 1000R 70000 cbm/h
T54 Additional heater Weißhaupt 1984
T55 Drier platforms (qty. 2) Recknagel/Novocerik 1984
Exit part
T56 Discharging unit, gripper Recknagel/Novocerik 1984/1993
T57 Complete control device Lingl Simatic S5, BS2000 1993/1998

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Setting plant
SE58 Setting machine Lingl general overhauled 1996
SE59 Control cubicle Lingl Simatic S5, BS2000 1996
Kiln
K60 Tunnel kiln Lingl 1970/1994
K61 Kiln cars (qty. 59) Burton 1970/1994
K62 Ceiling burners (qty. 39) Lingl Kombiset 1994
K63 Delivery of oil with heater Lingl/Allweiler
K64 High speed burners (qty.3) Lingl/Innovatherm AE 1030
K65 Air jets units in 3 zones Schlicker 2000
K66 Platforms (qty. 2) Lingl hydraulic platform 1970
K67 Kiln car transportation unit Lingl
K68 Exhaust gas purification Hellmich Cascade filter 1989
K69 Control cubicle Lingl Simatic S5 1994/1996
Discharging and packaging
E70 Discharge gripper Lingl 1979/92
E71 Car circulation plateau Lingl 1979/92
E72 Pallets stapler Lingl 1979/92
E73 Package storage roll conv. Lingl 1979(92
E74 Strapping unit ? horizontal Signode AK 150H 1992
E75 Strapping unit ? vertical Signode AK 150BSM 1992
E76 Foil shrinking automat OMS AT63 1996
E77 Control cubicle Lingl Simatic S5, BS2000 1992
Compressed air unit
D78 Compressor CompAir Rallye 051 1998
D79 Air drier CompAir F50 H 2004

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