



Sand-lime brick production plant



TECHNICAL SPECIFICATIONS

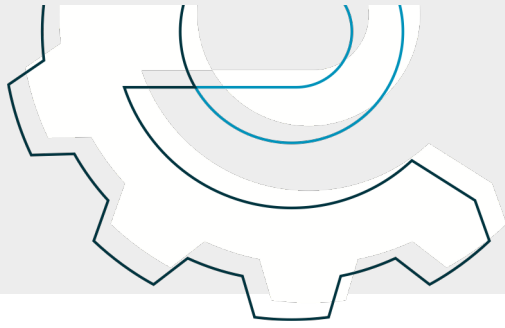
MAINLY CONSISTING OF

01) Mixing plant / reactors / lime silos

- Sand storage silo with fish-mouth discharge approx. 9 m³
- Eirich mixer type DE Filling volume 2.250
- Firich ME discharge unit Filling volume 3.200
- Sand, lime and water scales suitable for mixer
- Sand scale 3.000 kg, lime scale 500 kg, water scale 300 kg
- Mass bucket elevator to the mass silos Conveying height approx. 14 m
- Distribution conveyor belt over mass silos Length approx. 7.60 m
- Reactor - mass silo 1 filling volume approx. 56 m³
- Reactor - bulk silo 2 filling volume approx. 53 m³
- Reactor - Mass silo 3 Filling volume approx. 50 m³
- Reactor - Mass silo 4 filling volume approx. 46 m³
- Double-shaft mixer after the bulk silos
- 1 mass bucket elevator after the twin-shaft mixer. Conveying height approx. 11 m
- Feeding conveyor belt to the mass silo presses Length approx. 6,5 m
- Lime silo with tubular screw conveyor approx. 38 m³
- Lime silo approx. 90 m³
- Lime bucket elevator after lime silo Conveying height approx. 15 m
- Lime storage silo with lime screw approx. 7m³
- Mixing plant control Siemens SPS S7 / 300;

02) Press system (2 presses)

- Double-acting hydraulic press Atlas AP 600
incl. various tools; Siemens S5 / 115 control system
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- Intertechnik single-acting hydraulic press (decommissioned approx. 2005) incl. various tools
- Conveyor belts for spreading material return in the cellar
Belt length approx. 2.30 m, : belt approx. 2.65 m
- Collective scraper system as feed to the grit bucket elevator Length approx. 15 m
- Spreading material bucket elevator Conveying height approx. 10 m
- Grit storage silo filling volume approx. 10 m³
- Spreading material weighing conveyor to the outside Length approx. 15 m
- Spreading material discharge conveyor outside Length approx. 8 m
- Semet blank transfer table for 2 single hardening trolleys; Siemens S5/115 control system



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Datasheet

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03) Tools for presses

- Tools Atlas presses:

N2 2DF / 3DF / 5 DE / 8 DF 115 / 8 DF 240 12 DF 240 12 DF 175

with and without stand-alone table

- Tools Intertechnik:

12 DF 240

04) Hardening

- Steam boiler make lo0s, capacity 6.0 t/h; oil firing / without steel chimney

- 8 pcs. Hardening boiler make Scholz with automatic: Condensate discharge D = 2,0 m; L= 20,6 m; pull-through boiler; track width 750 mm

- Water treatment, version as ion exchanger

- Condensate collection tank for heat recovery, approx. 45 m3 capacity

- High-pressure feed water tank, capacity 18,500 litres

- Oil storage tank, capacity 50 m3

- 130 pcs. Hardening scales

- Empty scales return by cable pull, cycle slide and turntable

05) Packaging line

- Complete SEMET packaging line

SPECIFIC COMMENT

- Complete and functional production line

- Control system completely renewed and modernised

If you are interested, we would be happy to send you a detailed offer with photo documentation.

Yours sincerely,

EuroConsult Dimitrios Piretzidis