

fibo intercon

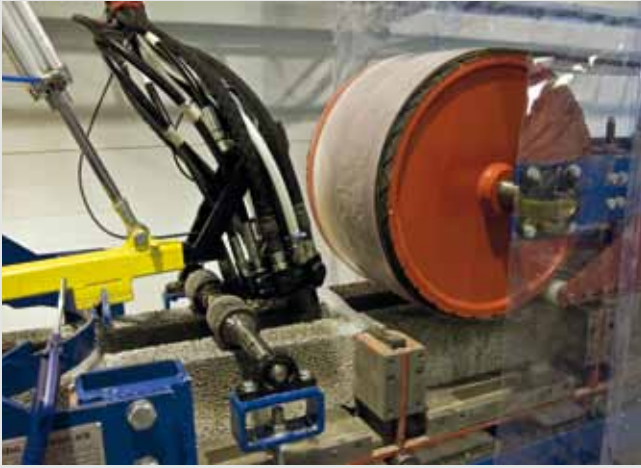
Insulating block system



Your partner in concrete solutions



Rational and effective production of insulating blocks



Foaming position for injection of polyurethane foam



Insulating line with L-shaped apron plates

Flexible and fully automated system with high capacity

Unique production plant for the manufacture of insulating blocks with polyurethane foam. The system is fully automated and has a cycle time down to five seconds which gives it an unsurpassed capacity.

The plant is designed to produce insulating blocks in accordance with even the tightest insulation requirements. It can handle any block dimension and the thickness of the intermediary insulation layer of polyurethane foam can be varied to achieve the requested insulating capabilities.

Polyurethane foam has excellent insulating properties with a declared thermal conductivity of 0.024 W/mK. Its great mechanical properties and durable adhesion furthermore ensure an insulating block with a stabile structure.

The system requires only a limited number of people to operate. All processes are monitored and controlled automatically from computer screens in the control room.

The insulating block system is delivered customised and can for instance consist of:

- A chain conveyor for receipt of pallets with standard blocks
- A depalletizing machine for handling of blocks stacked both lengthwise and crosswise on a pallet
- Roller conveyors
- A pallet store for storage of pallets for later reuse
- A block separator
- A heater for heating block surfaces in winter
- A block inserter
- A foaming position with a foam pistol
- An insulating line - a chain conveyor with L-shaped apron plates surrounding the blocks on three sides
- A block elevator
- A palletizing machine for cross-palletizing of blocks
- A pallet stacker
- A chain conveyor for accumulation of finished insulating blocks

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Representative:

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