



NESS Thermal Oil Curing System for Shuttering Systems, Tilting Tables and Finishing Lines

Solid and pre-stressed concrete parts, floor slabs, wall elements formed on finishing lines, tilting tables, battery shutterings or garage shutterings require gentle curing with a defined temperature.

Ness thermal oil systems for heating of shutterings is a most efficient way of curing with controlled temperature in a short time.

Picture

Advantages of the NESS curing system for Shuttering systems

- very energy efficient (use of hydration energy, no condensate losses, optimum insulation possible)
- very accurate temperature control
- no drying of surfaces and edges, low thermal stress in the products
- very little corrosion on equipment
- no high pressure steam system and feed water treatment
- very reliable
- frost proof up to $-50\text{ }^{\circ}\text{C}$
- suitable for outside installation
- combined systems for hot water generation for mixing water available



NESS



*Picture 2: Thermal oil heated battery mould for concrete wall panels
(picture by courtesy of Weckenmann Anlagentechnik GmbH & Co. KG)*

It can be integrated directly into shutterings, tilting tables and finishing lines.

Thermal oil with a temperature up to 200 °C is circulated through finned pipes located below the table or in the heating pipes in the formboard. This results in a very gentle heat transmission into the concrete products.

Please do not hesitate to contact us for further information.

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