



## **HS-STEEL-CLASSIC**

Curing chambers for the concrete block industry in a proven steel version

# Curing chambers for the concrete industry

## True to size, solid, in use worldwide

High manufacturing capacities are the norm in the concrete and precast industry. Fully automatic production lines, which are often operated in multi-shift systems, manufacture thousands of square metres of concrete paving every day. Kerbstones, hollow bricks and garden elements are further examples.

Curing chambers by HS Anlagentechnik are the logistic link between the wet and dry sides in these production lines. The freshly made elements are stored and the hardened products retrieved, assembled into packets and prepared for dispatch. The necessary storage capacities must be provided – stable, resilient, dimensionally accurate.

Big chamber or single chamber system, board capacity, board loading and spatial requirements are just a few of the factors to be considered in order to arrive at a complete made-to-measure

system. Are roller shutters required, or chamber insulation? An air circulation system for the avoidance of fluctuations in temperature and humidity? Whatever you require, we will be pleased to make you an individual offer, concerning with all of the factors that are decisive for the hardening of high quality concrete elements – worldwide.

The high value and planned in detail curing chambers from HS Anlagentechnik are convincing customers all over the world. Benefit from our over 40 years experiences in shelf construction, our pronounced product understanding and knowledge of the industry – we are pleased to make you an individual offer.

### HS Anlagentechnik – Technik mit Profil, Technik für Profis



## HS Anlagentechnik – the complete range:

- Curing chambers made of aluminium profile or specially galvanised steel profile
- Free-standing version with facade
- Air circulation systems
- Brett buffer shelves
- Mould storage racks
- Special racks
- Rails and sleepers
- Chamber insulation
- Roller shutters
- Complete assembly
- In the case of self-assembly, instruction and final inspection by our supervisor is possible
- Customer support, Advice & Planning from one hand

# HS-Steel-Classic

## We show profile

Not all profiles are alike. The basic material used for curing chambers by HS Anlagentechnik is a specially galvanised steel strip, which is manufactured on the basis of DIN EN ISO 9002 (EU origin) for all load bearing system elements. Top quality is offered by a pure galvanised anti-corrosion layer at least 70 µm thick.

The steel posts (upright profiles) are cold rolled from specially galvanised steel strip and offer a high dimensional accuracy. The C profile, measuring 100 to 200 mm (width) x 50/70 mm (depth) x 3 mm (material thickness), not only has a high section modulus, but also the stability necessary to be able to support ceiling or roof structures (in use for loads of 400 kg/m<sup>2</sup>).

## The snap-in-connection

**Fast, safe, immovable – just plug and bolt.**

Just insert, press downwards – and the post and support profiles are fixed permanently to one another. The steel parts latch precisely with one another to the exact millimetre. This ideal snap-in connection gives rise to one advantage after another: Saving of time due to the simplest possible assembly. Extreme rigidity of the curing chambers allows maximum static loading and highest load capacities. Technology that means cost reduction and production safety – technology for professionals.

## Assemble it yourself

The chamber system and the snap in connections offer the best conditions for fast, safe assembly or selfassembly and, hence, a saving on costs. Our assembly instructions provide valuable help here.



The steel strip for the support profiles is similarly cold rolled in a profiling facility and is given the contour that makes the snap-in connection possible, with all of its structural advantages in the finished rack. The pallet supports are manufactured in lengths of up to 9 m and each of them has the same total length as an assembly.

## The TÜV has recognised that too!

The load capacity of the pallet supports with snap-in connection has been tested by the TÜV. The test report confirms that the required load capacity of the support profile is safely ensured.

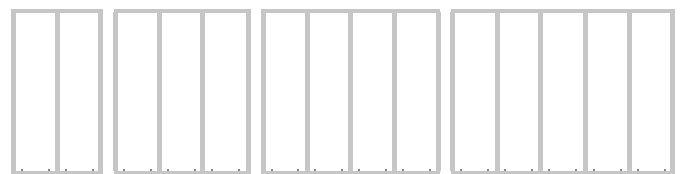


## The HS building kit system

**Capacity and planning made to measure**

HS Anlagentechnik supplies curing chambers in a building kit system. Up to six chamber lanes are assembled together in a frame construction mode and combined with one another.

## Chamber system structure for variable numbers of storage places



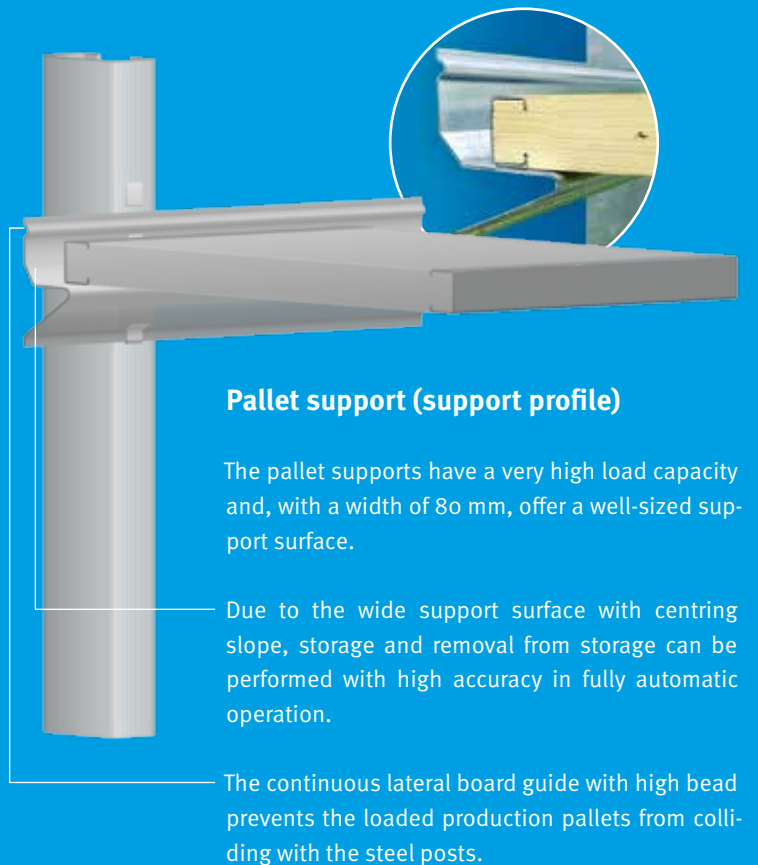
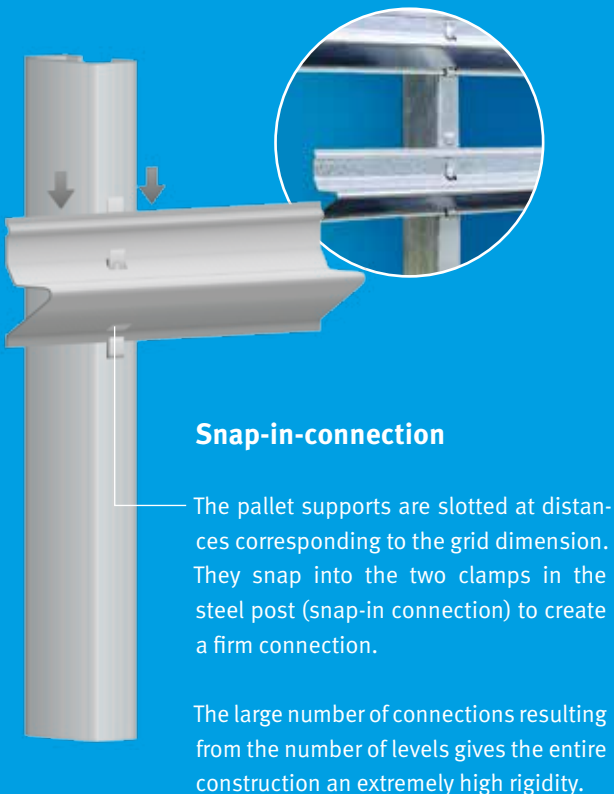
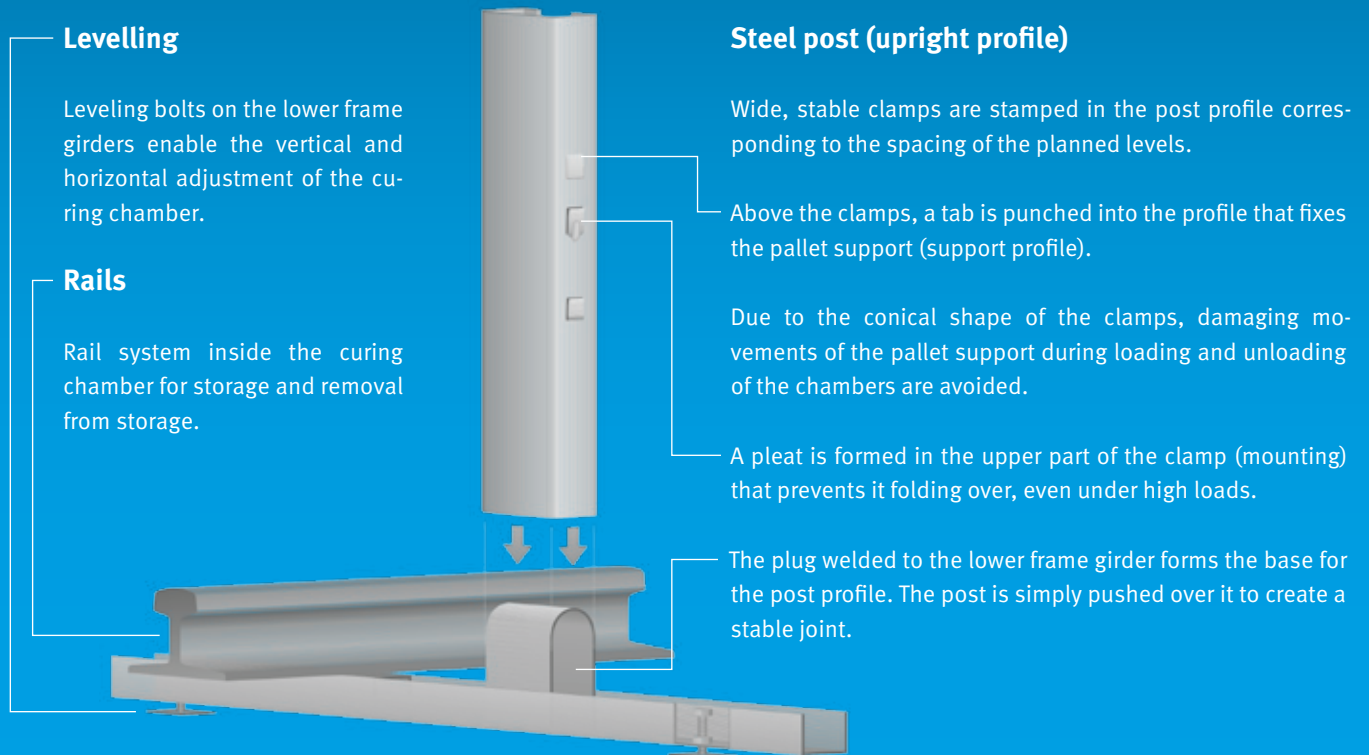
Two, three, four and five-chamber combinations

E.g. if 10 chamber lanes are required, these can be made up of two 5-chamber combinations or two 4-chamber combinations and one 2-chamber combination. The number of storage spaces can be planned individually and easily expanded.

Each of these assemblies is a selfcontained, absolutely solid unit with an inherent structural stability. The biggest advantage of this is that curing chambers by HS Anlagentechnik can always be constructed free-standing. They do not need to be braced laterally or upwardly. Greater safety for heavily loaded storage systems that are continuously in operation.

# Tough in use

## Components of our curing chambers in detail





Air circulation systems create the right conditions for constant temperature and humidity distribution inside the curing chamber. Optional: with active temperature and humidity control.

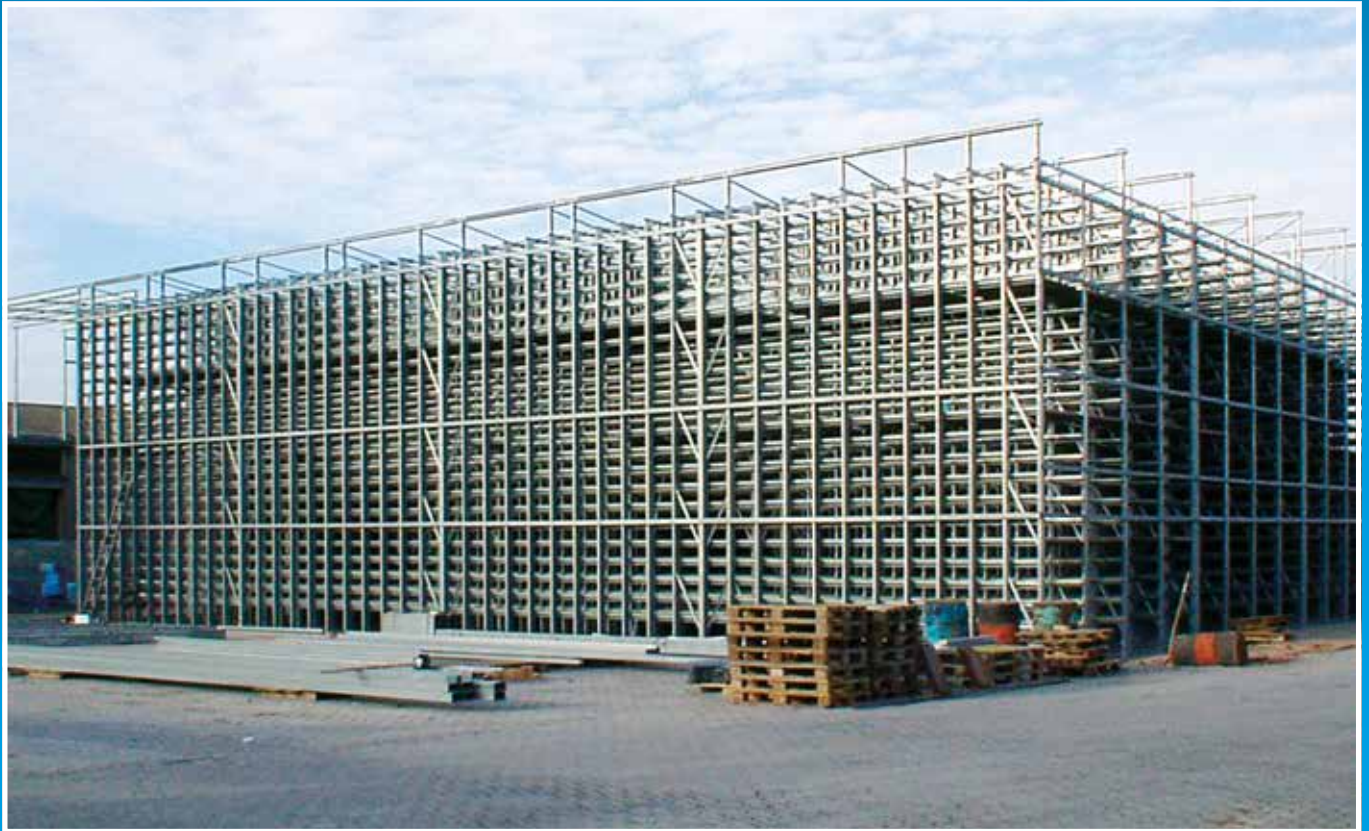


Support profile with continuous lateral guide and special galvanizing.



Curing chambers by HS Anlagentechnik are distinguished by their extremely high dimensional and fitting accuracies, parallelism and stability.

# Worldwide at your service



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