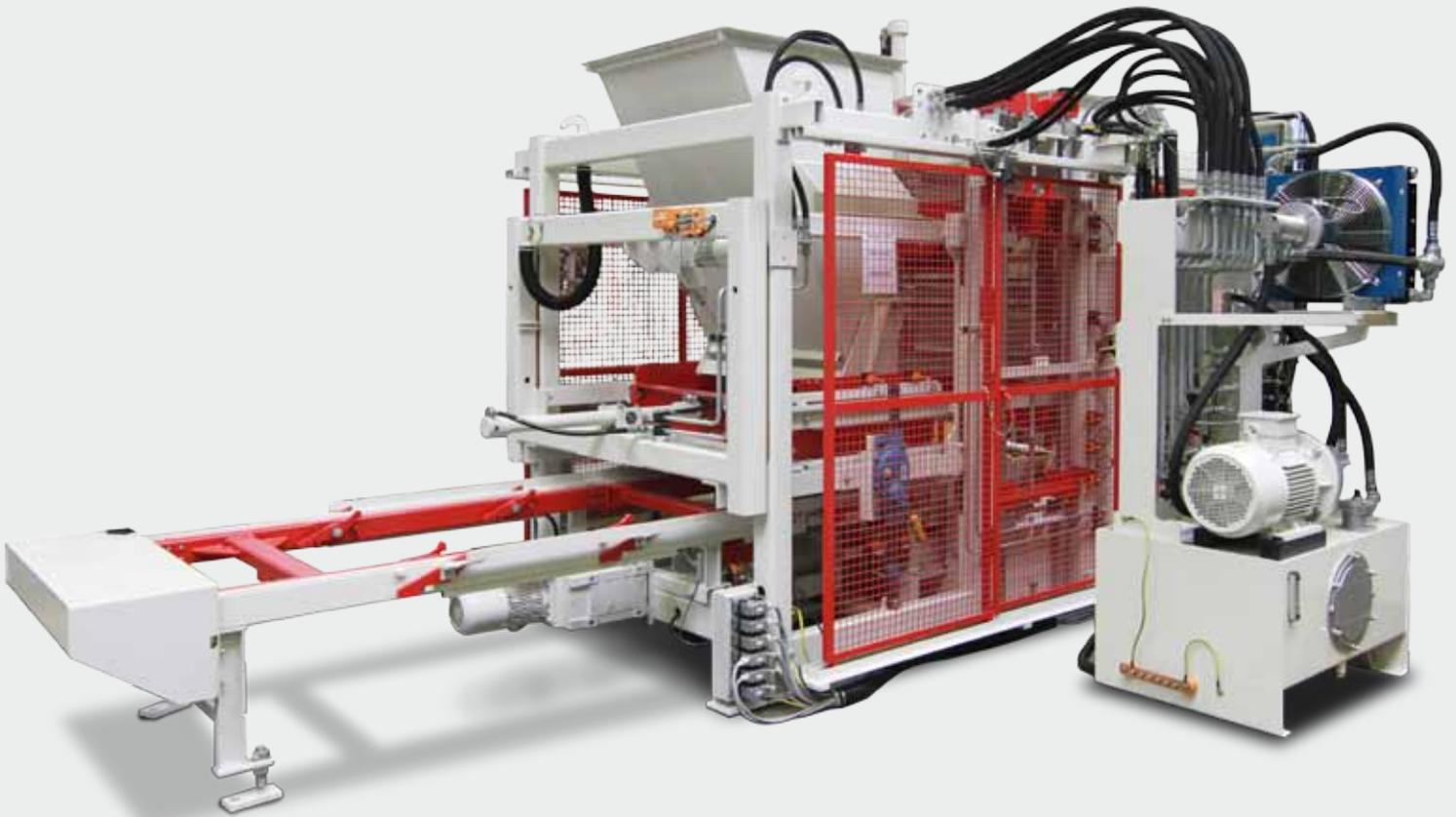


A member of **TOPWERK**

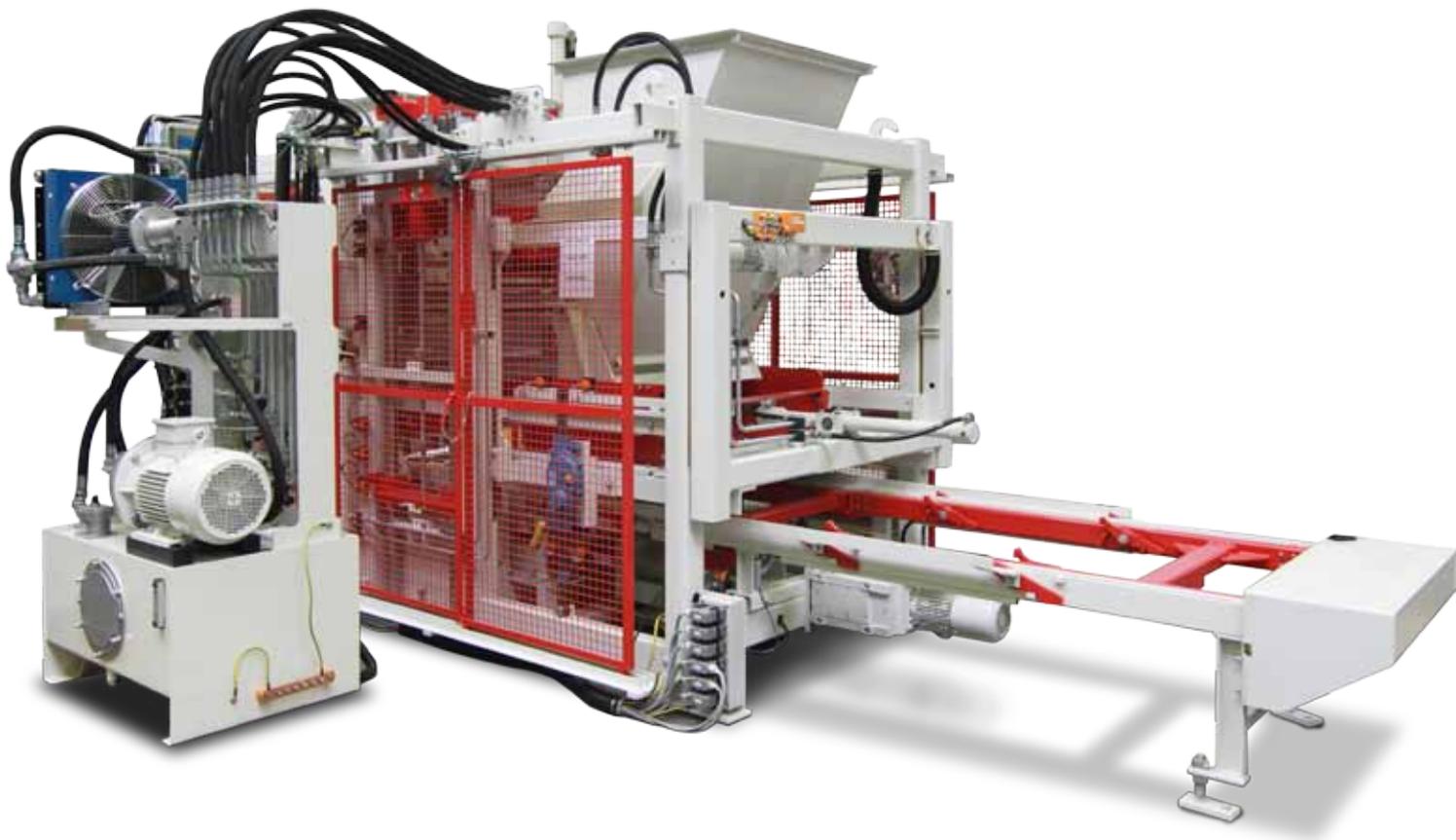
 **HESS GROUP**

RH 500-3



WE PUT CONCRETE INTO SHAPE

Concrete block machine MULTIMAT RH 500



MULTIMAT RH 500.

The RH 500 incorporates traditional heavy-duty machine technology in a compact structure with advanced electronic, pneumatic, and mechanical components. It is suitable for a start-up operation, or a dedicated output line for an expanding operation.

- Wide range of products from 25mm (1 inch) to 300mm (12 inches)
- Mechanical height stops for specific and accurate height
- Suitable for slabs, pavers, hollow blocks, and similar concrete products

Technical data*

production board (mm)**		1.200 x 670
production area (mm)**		1.100 x 620
min. product height (mm)		25
max. product height (mm)		300
dead weight approx. (kg)		7.700
paver 10x20x6 without face mix	cycle time (s)	17
	m ² in 8h	863
	qty stones/form	30
paver 10x20x6 with face mix	cycle time (s)	22
	m ² in 8h	667
	qty stones/form	30
hollow block 20x40x20	cycle time (s)	20
	quantity in 8h	6.120
	qty stones/form	5



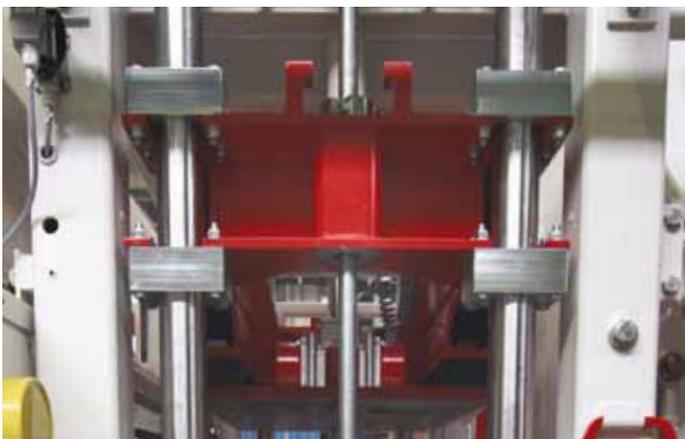
Vibration table



Hydraulically powered filler box



Hydraulic powered agitator (option)



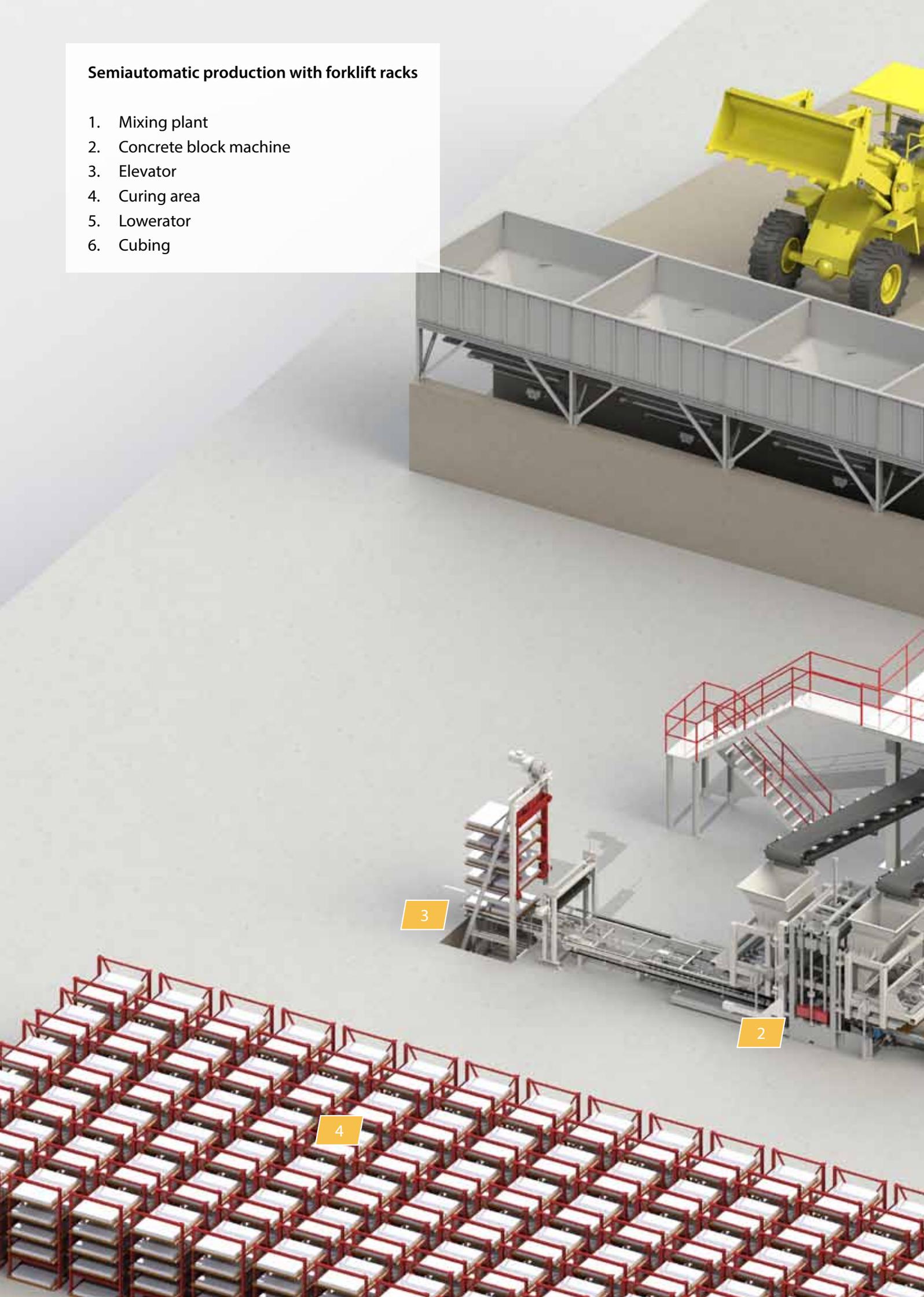
Tamper head guide



Vibration table and drives

Semiautomatic production with forklift racks

1. Mixing plant
2. Concrete block machine
3. Elevator
4. Curing area
5. Lowerator
6. Cubing





1

6

5

Mixing technology



HESS Mixing Technology.

The production of high quality concrete products requires mixing technology that delivers precise results each and every batch. Hess SM-Series mixing technology consistently dispenses the perfect concrete mix in the shortest time. HESS offers complete mixing plant technology including dosing units for aggregates, cement, and color-blended concrete.

The SM-Series of planetary mixers feature:

- Self-supporting construction with lower and upper frame
- Separate drives (for tool plate and mixing stars)
- Stopping and starting the loaded mixer is possible anytime.
- Two large double doors for easy and safe clean-up and maintenance operations
- Two large discharge openings in the mixer floor
- Clean-out time significantly reduced due to minimal deposit build-up (special water inlets)
- Special cement input device allows dust-free cement adding operation (optional)
- High mixing intensity most favorable for low cement/water ratio concrete mix designs



Face concrete mixer



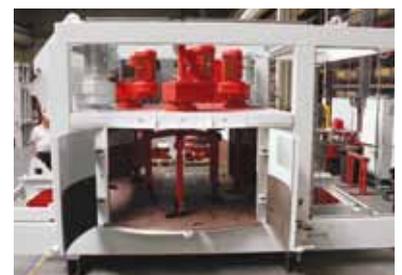
Color-mix dosing belts



Interior view



Color-mix products



Interior view

Our expert service team is available anytime to answer any question you may have. Our primary goal is to support your operation as if it were our very own. We are proud to share the expertise gained from our global experience for your benefit. This industry knowledge supports the following areas of our supply chain departments:



Spare parts

High quality spare parts and competent technical advice - worldwide



Retrofit

Optimized retrofits due to continuous developments



Help-Desk

Problem solving with capable assistance – around the clock



HDPS

HDPS Software - Your benefits: Information is available, wherever it is needed!



Teleservice

Efficient assistance and technical support via teleservice



Monitoring

Secure – fast – information available everywhere



Consulting

Professional guidance on all questions regarding process engineering

- In production and maintenance
- In logistics regarding the optimization of parts inventory
- In material scheduling to procure necessary spare- and wear parts
- Customized information
- More efficient communication between operator and service technician
- Customer-specific language possible



Training Academy

The HESS After Sales Service offers training programs for your staff near the headquarters in Burbach:

- Consecutive training courses
- Gradual training in: Machine operation, maintenance and concrete technology

Benefit from our know-how and many years of experience :

- Practical exercises with specific designed models or machinery parts
- Visualization of complex motion sequences using animations and videos
- Digital transmission of training material by tablet
- Acquired knowledge available anywhere and anytime
- Optimum training and know-how transfer from the beginning
- Systematic gain of expertise by intensive training

Productivity increase by Best Practice, prevention of drop outs and reduction of setup times through an expertwise work approach are just a few advantages resulting from the training.

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