

OUR COMPANY

HO IS HESS GROUP?

MIXERS, HANDLING SYSTEMS,
CONCRETE BLOCK AND PAVER
MACHINES, AND PACKAGING LINES

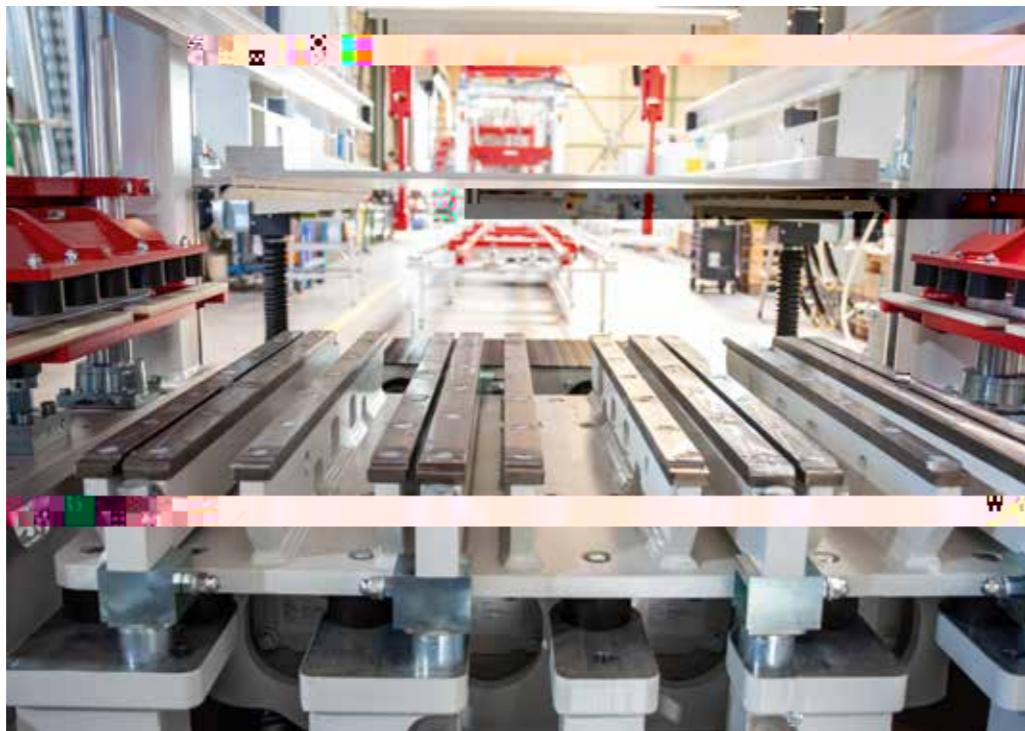
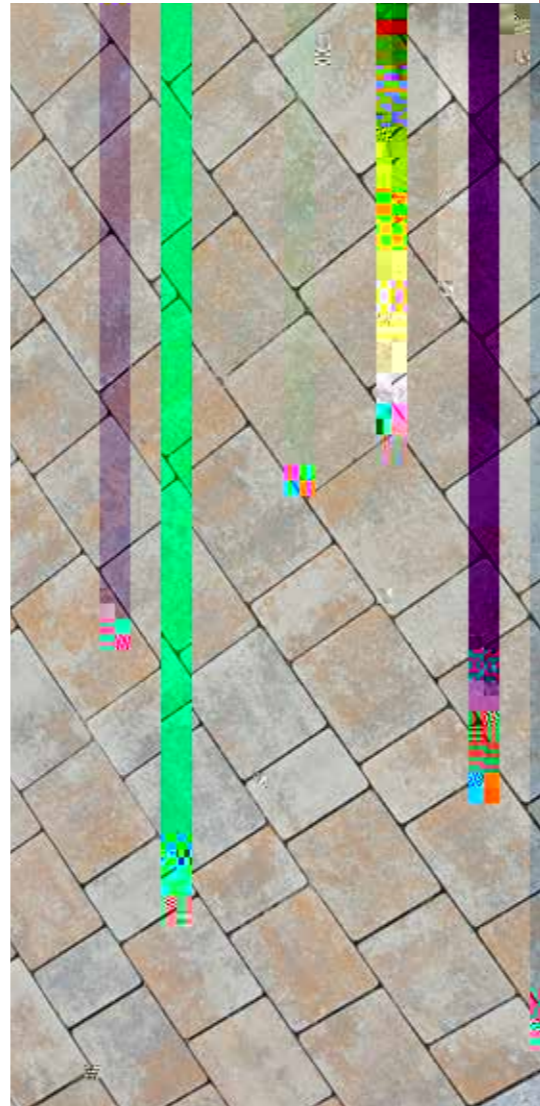
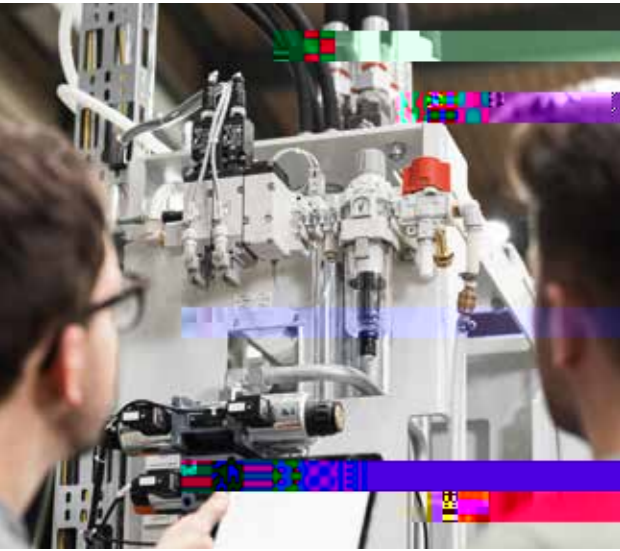
Our passion is developing technically superior machines for the production, processing, and handling of high-quality concrete products — and we have been doing so since 1948.

As a driver of new sustainable innovations and with a distinctive team spirit in an international environment, we continuously expand HESS GROUP's leading market



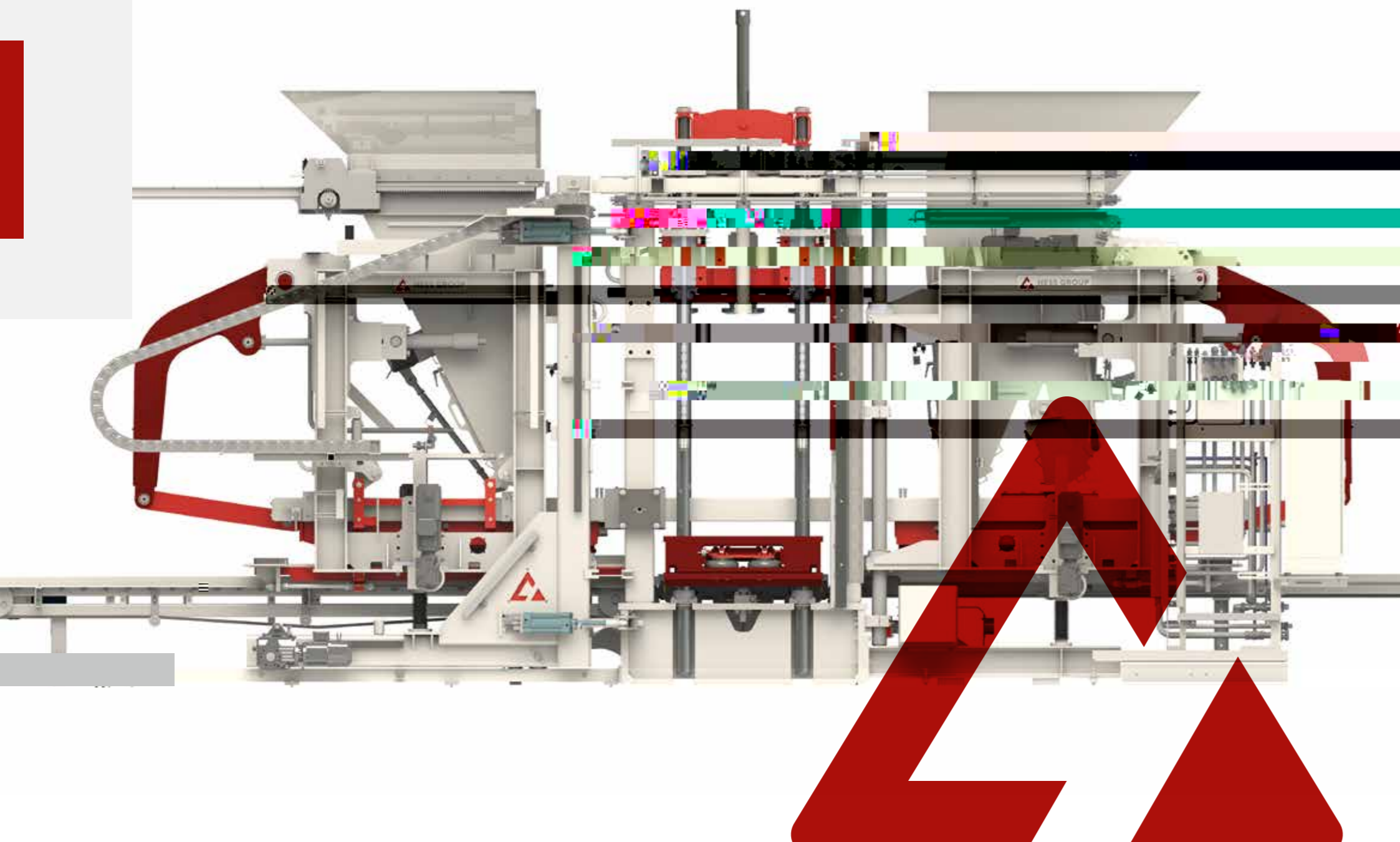
As an innovative manufacturer of high-quality concrete block and paver plants, we – together with our customers – ensure our mutual market leadership.





**PUT
CONCRETE
INTO SHAPE.**

CONCRETE BLOCK AND PAVER MACHINE
RH 1450



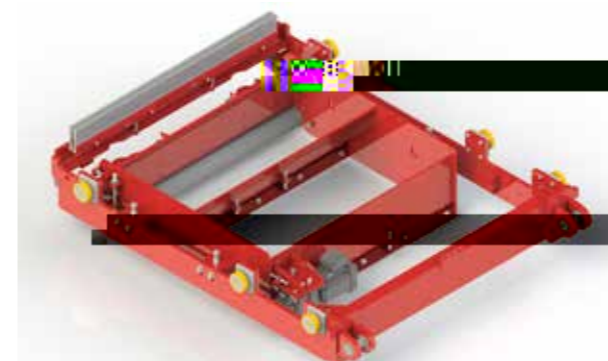
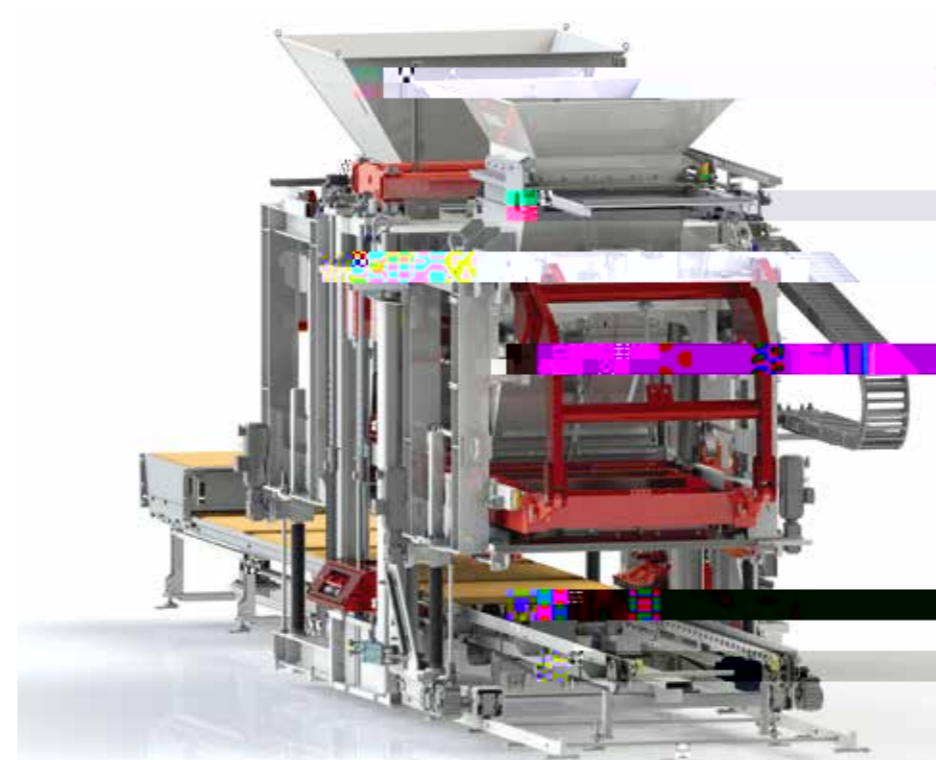
is achieved through better material utilization and en-

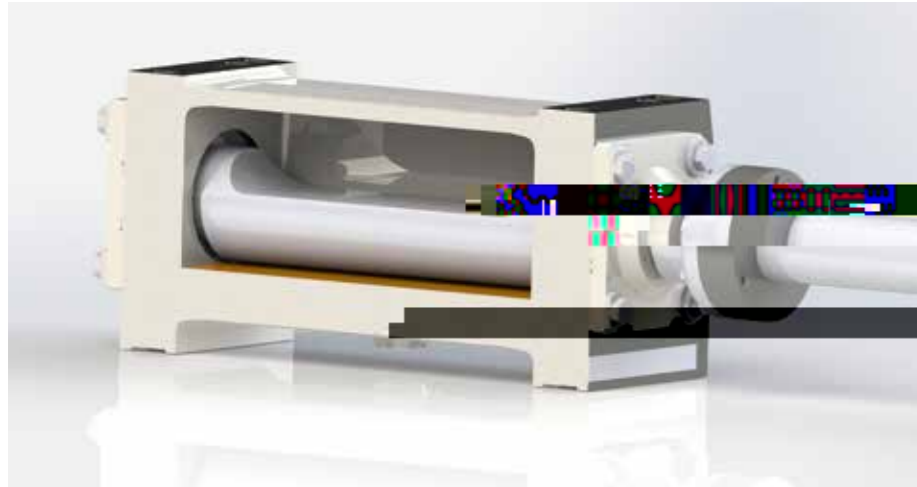
a large board plant, particularly when paired with an appropriate handling system.



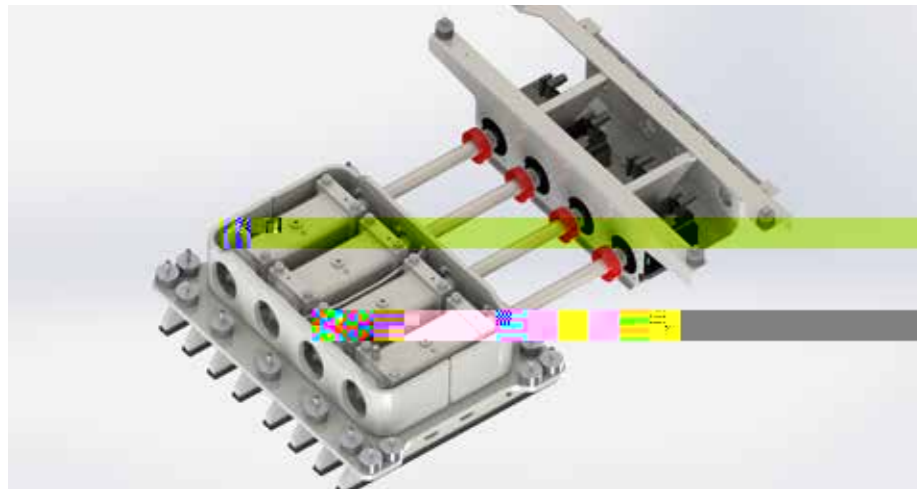
* settings, the concrete mixing recipe used, the quality of raw materials, the performance of other related plant equipment, mold characteristics, the stone format, and the production pallets used.
** Other production board sizes available.

RH 1450





Model oil bath vibrator



VarioTronic vibrating table, view from below

HESS

ARIOTRONIC ITH OIL BATH VIBRATORS

FULLY ELECTRIC CONTROL

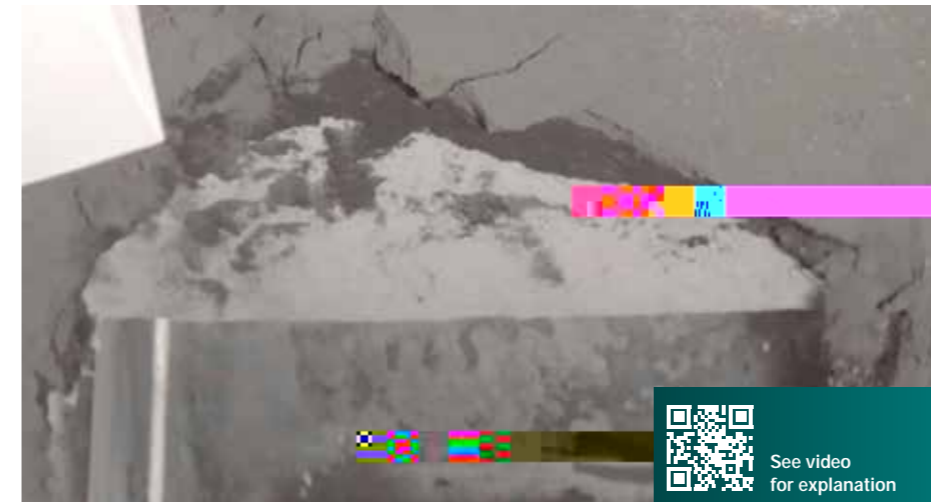
- Maximum control and precision through servo-electronic control
- Amplitude regulation through independently adjustable angles and vibrator speed for optimal vibration parameters during form
- Shorter vibration duration through angle adjustment in milliseconds at constant rotation speed
- Vibration shafts are housed in separate, closed housings in an oil bath

ADVANTAGES OF THE OIL BATH VIBRATOR

- ▶ Constant, reliable bearing lubrication
- ▶ Test runs within the housing are excluded
- ▶ Extended warranty on vibrator bearings



Colormix device with draw plate



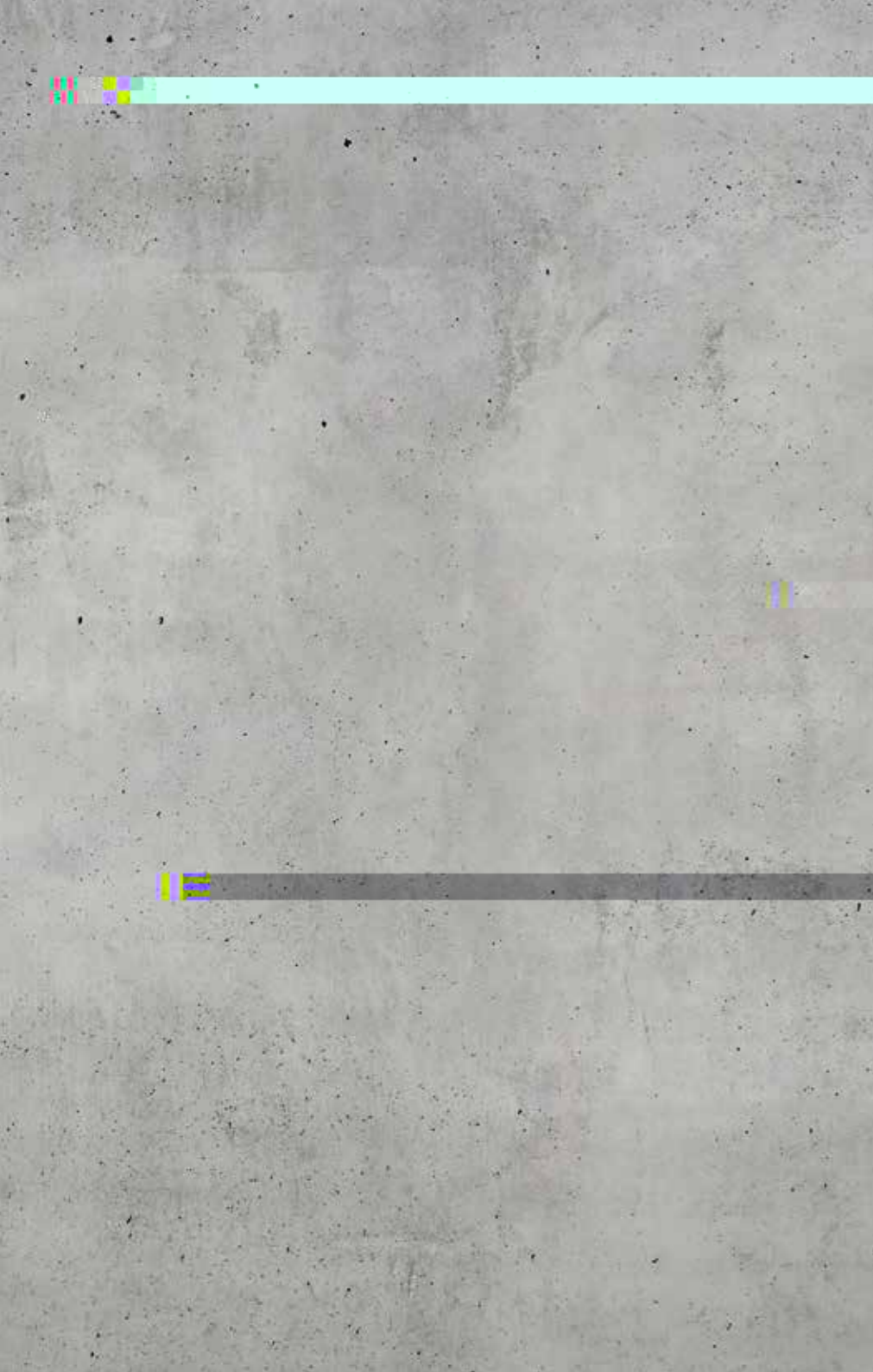
Colormix device with two layers of colored concrete

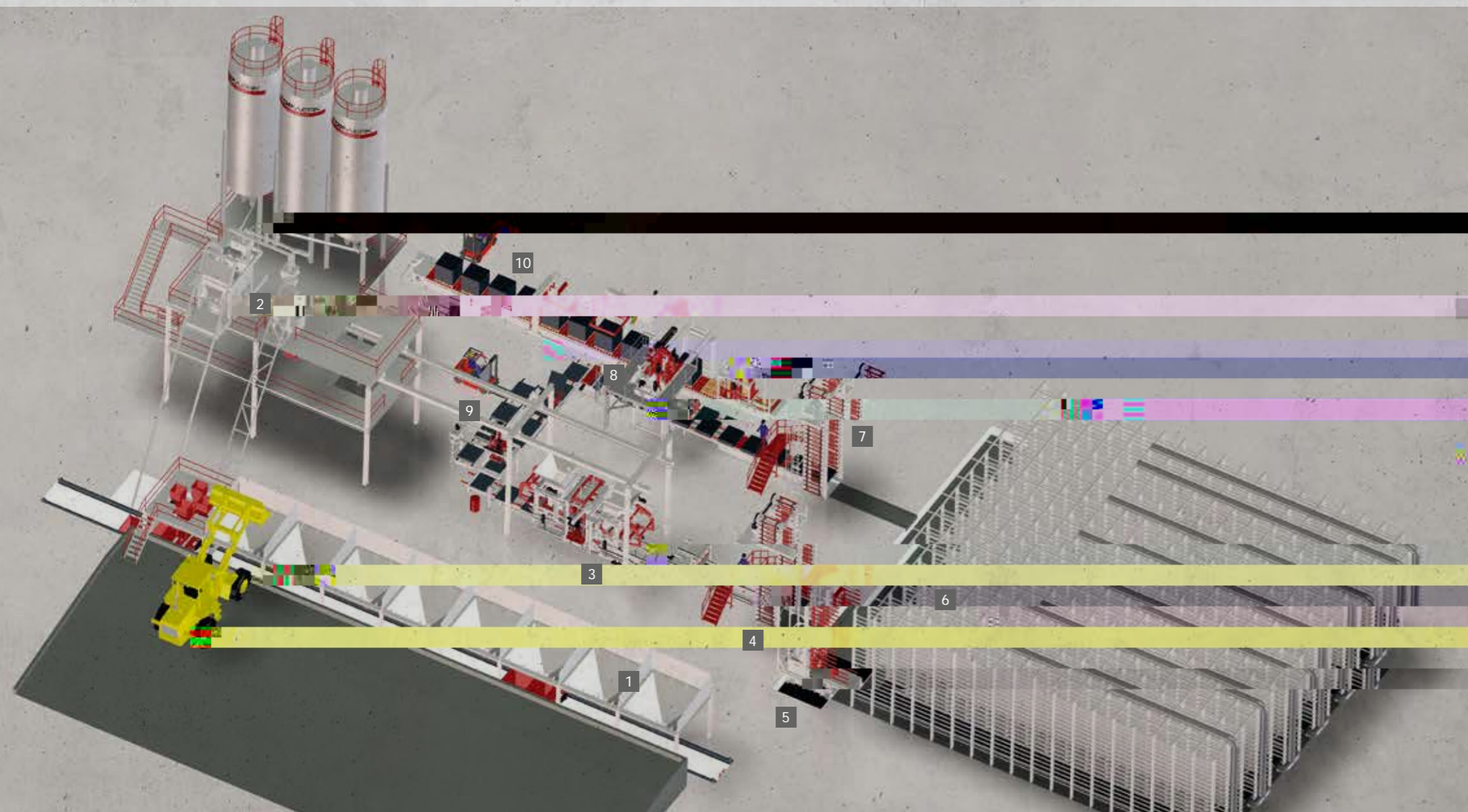
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COLORMIX DRAW PLATE

MANUFACTURING MULTICOLORED CONCRETE PRODUCTS

- multicolored concrete products.
- Can be used on both face and base concrete hoppers.
- Adjustable parameters at the control panel





RH 1450 VA

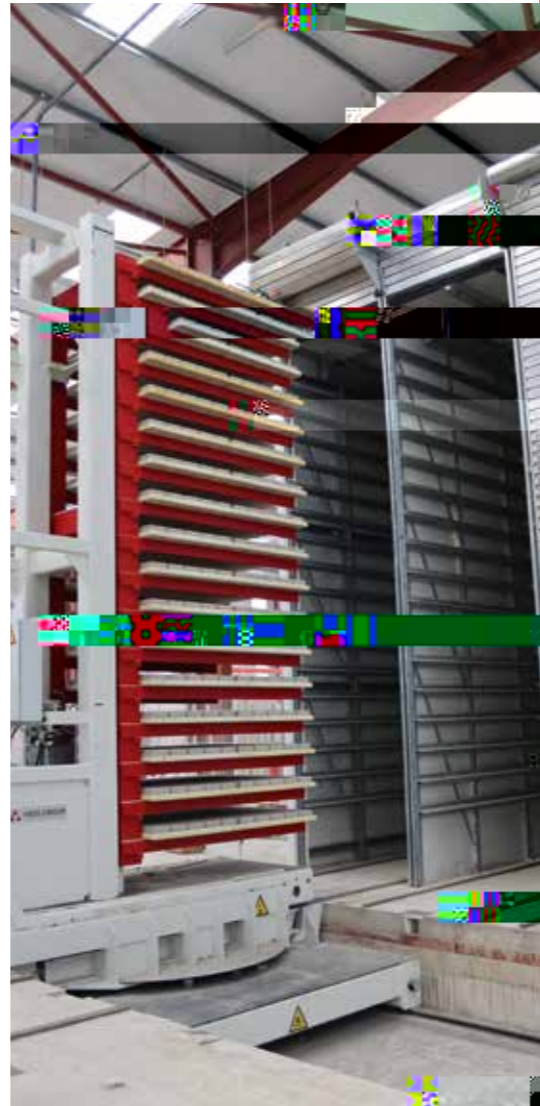
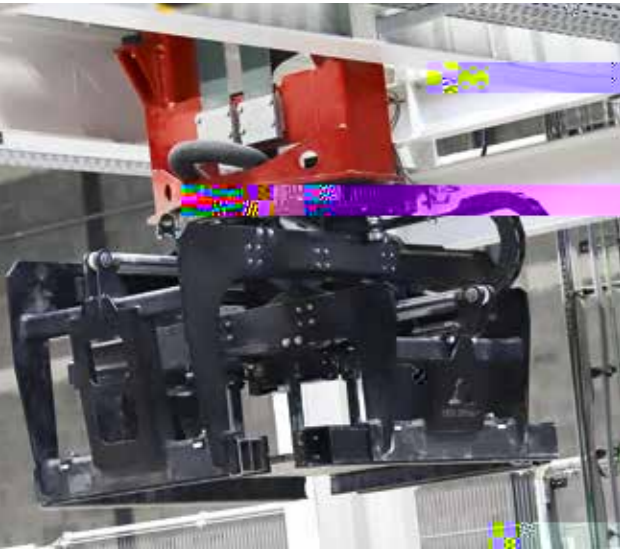
- 1 Aggregate silos
- 2 Mixing plant
- 3 Block and paver machine RH 1450 VA
- 4 Elevator
- 5 Finger car
- 6 Curing racks
- 7 Lowerator
- 8 Cuber Servo 700-2
- 9 Production board displacer with buffer conveyor
- 10 Frame conveyor with I frames

HESS

COMPLETE SYSTEMS

CUSTOMIZED
MARKET-ORIENTED
OPTIMIZED FOR THE CUSTOMER

HESS develops, together with the customers, system concepts that are tailored to the respective requirements.



**PUT
CONCRETE
INTO SHAPE.**

SPECIAL SYSTEMS

**BATCHING AND
MIXING PLANTS,
CONVEYING AND
HANDLING SYSTEMS**



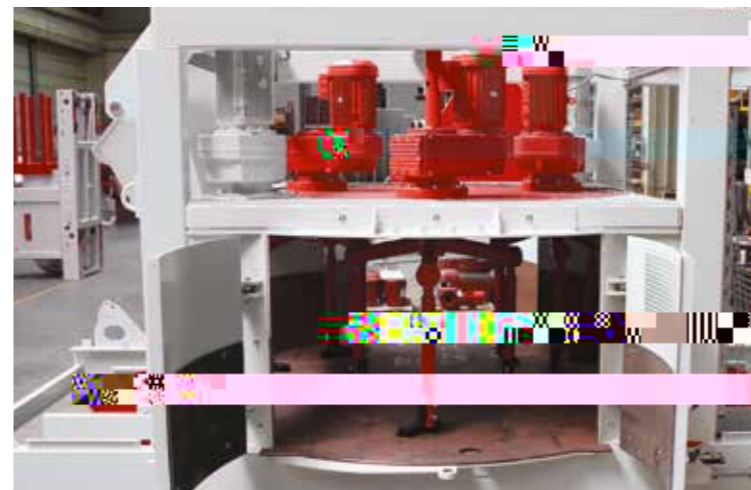
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BATCHING AND MIXING PLANTS

For the production of high-quality concrete products (interlocking paving stones and slabs, curbstones, hollow blocks and segmental retaining walls, pipes and man-holes as well as various precast elements), we offer the necessary mixing plants including all batching devices for aggregates, cement, and Color-Mix concrete.



Interior view of mixer with raw materials



Interior view of base mix mixer



Color-Mix shuttle belt system



Face concrete mixer SM 500

TECHNICAL OVERVIEW OF BATCHING AND MIXING PLANTS*

| | SM 500 | SM 1500 | SM 2250 | SM 3375 | SM 4500 |
|---|--------|---------|---------|---------|---------|
| | 500 | 1,500 | 2,250 | 3,375 | 4,500 |
| | 800 | 2,400 | 3,600 | 5,400 | 7,200 |
| Compacted concrete output per batch [m ³] | 0.333 | 1 | 1.5 | 2.25 | 3 |
| Main drive [kW] | 15 | 22 | 30 | 2 x 22 | 3 x 22 |
| Number of star drives and agitator [pcs] | 1+1 | 2 | 2 | 3 | 3 |
| Drive skip hoist [kW] | 7.5 | 18.5 | 18.5 | 22 | 30 |

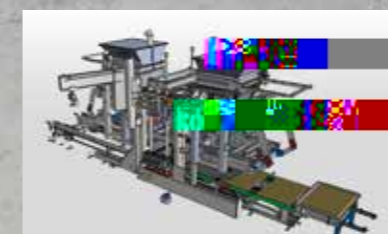
* Technical Data are subject to change.

FEATURES OF PLANETARY MIXER SERIES SM

- Self-supporting construction with lower and upper frame
- Separate drive system (for tool mounting plate and mixing stars)
- Stopping and starting the fully loaded mixer at any time possible
- Two large opposite doors for unobstructed cleaning and maintenance
- Two large discharge openings in the floor
- cleaning effort due to special water supply
- Optionally, for cement feeding to the mixer an auger is available (almost dust-free cement feeding)
- Because of its high mixing intensity, this method is particularly suitable for producing concrete with a low water-cement ratio.



Color-Mix Product






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We put concrete into shape