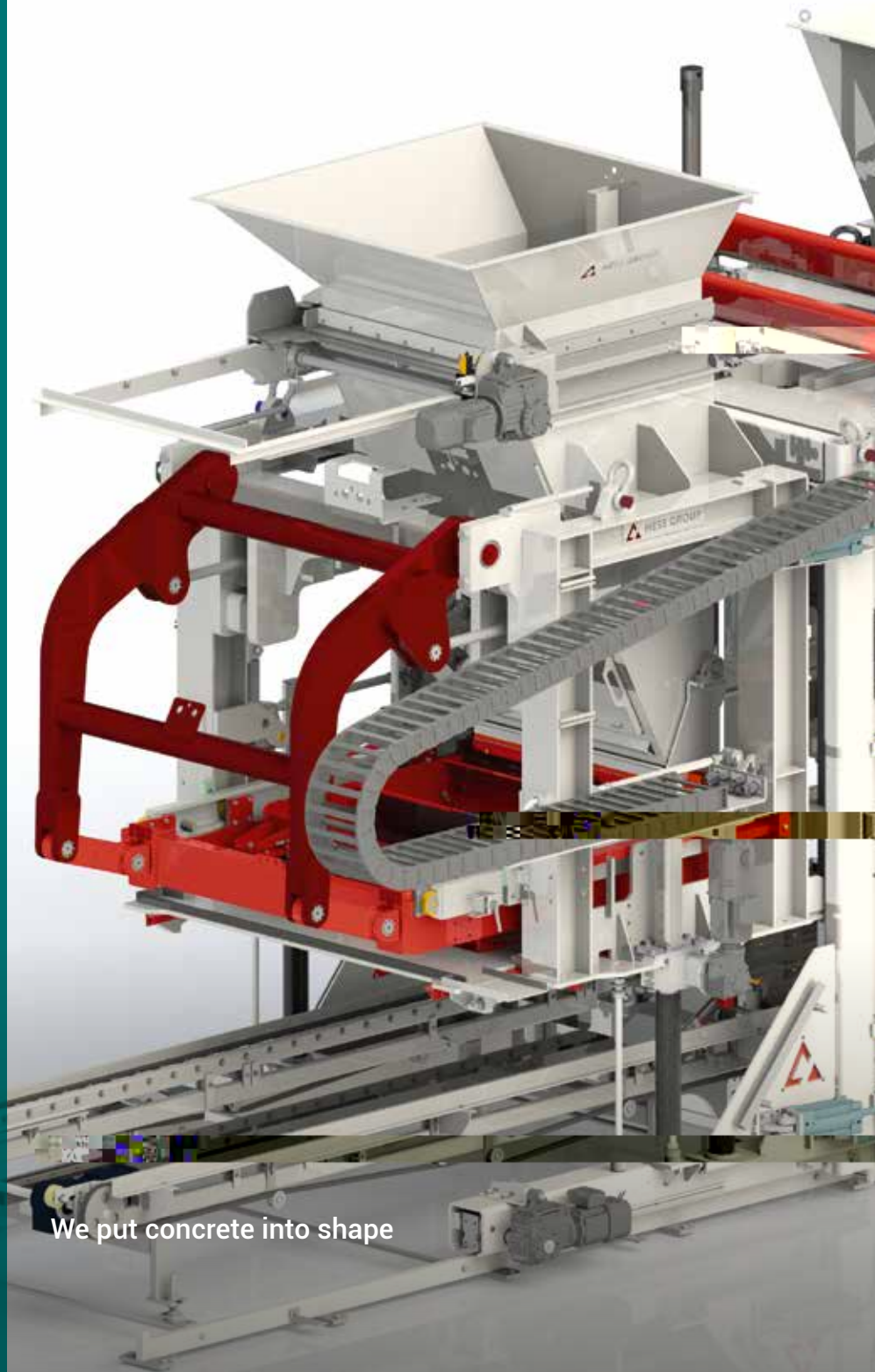
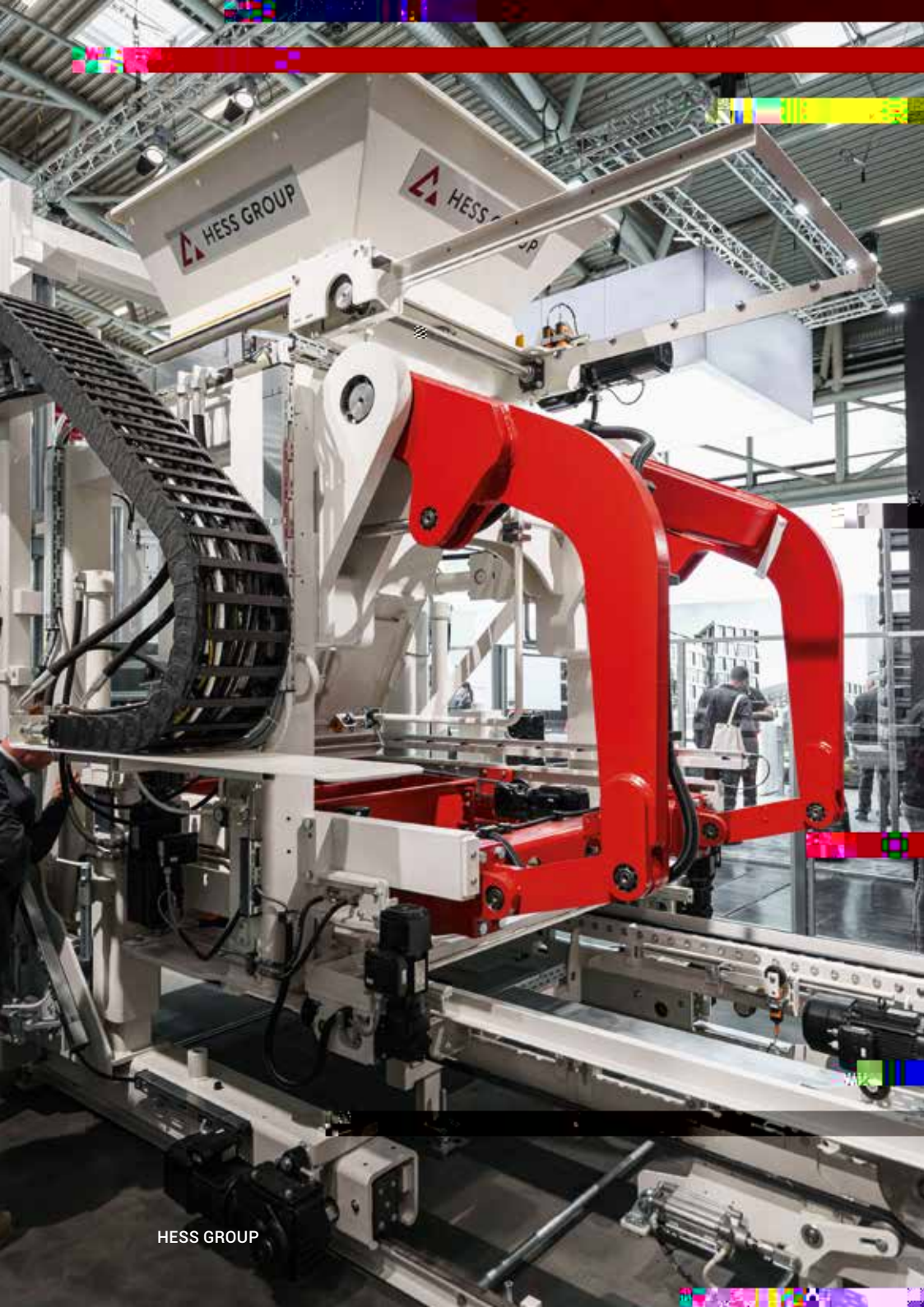






OUR COMPANY

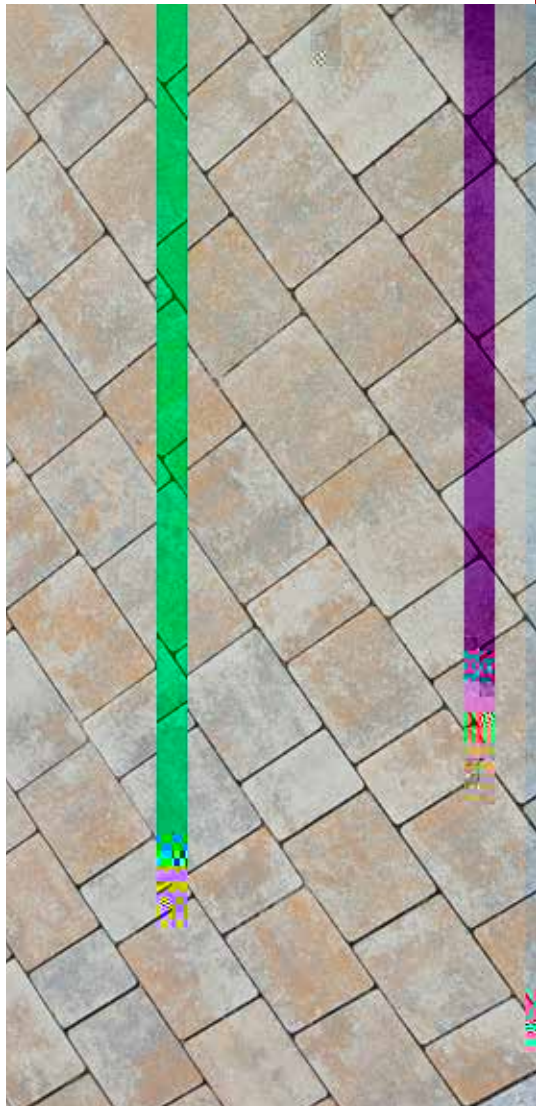
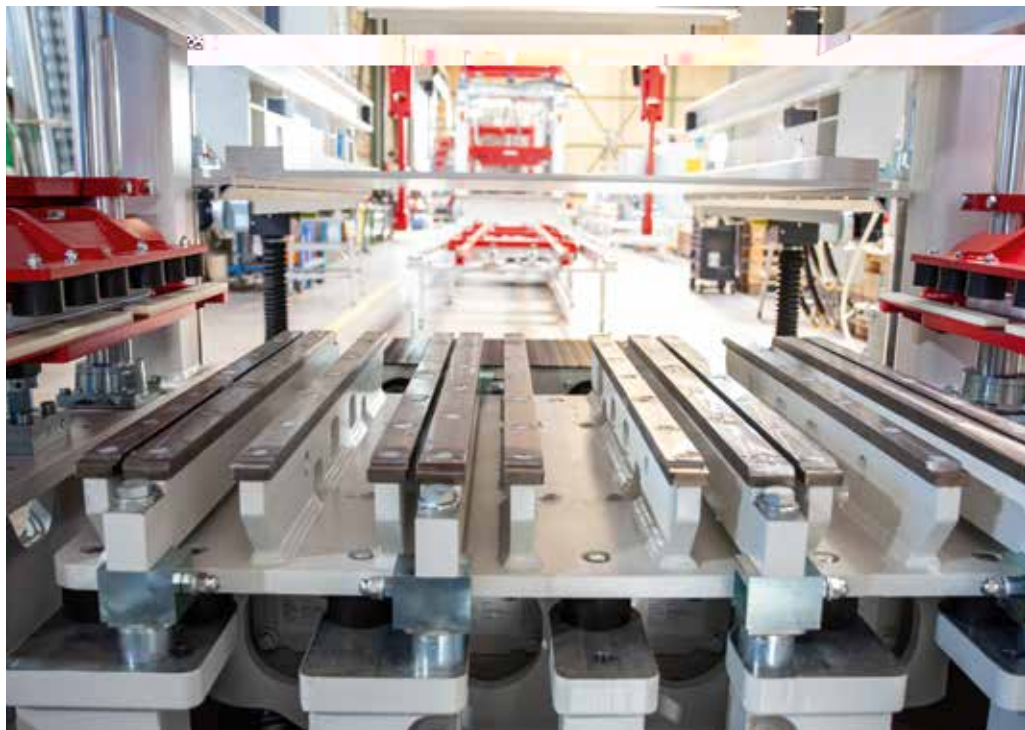
MIXERS, HANDLING SYSTEMS,
CONCRETE BLOCK AND PAVER
MACHINES, AND PACKAGING LINES

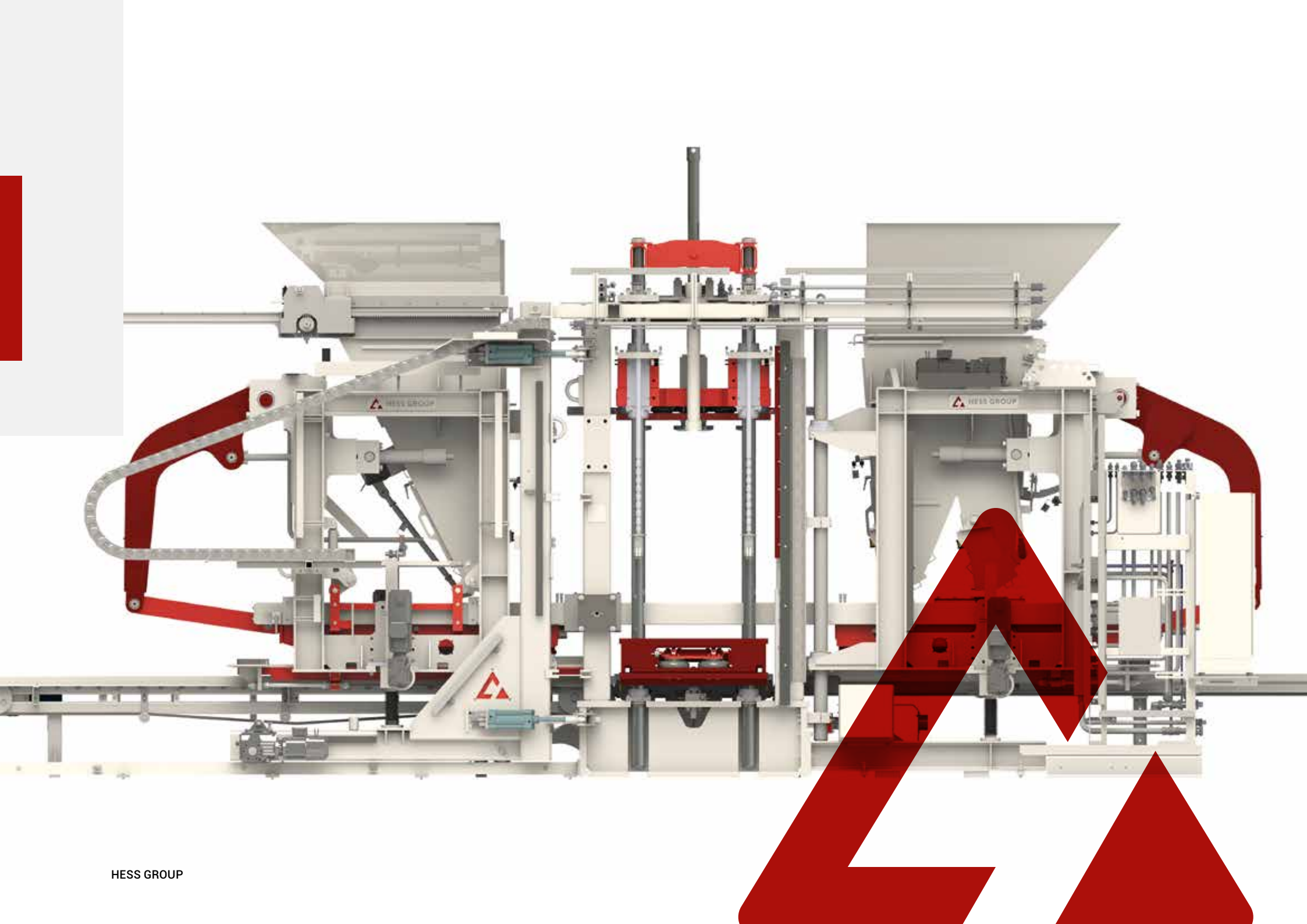
Our passion is developing technically superior machines for the production, processing, and handling of high-quality concrete products — and we have been doing so since 1948.

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.







RH 1450 VA

is achieved through better material utilization and en-

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

RH 1450 TECHNICAL DATA *

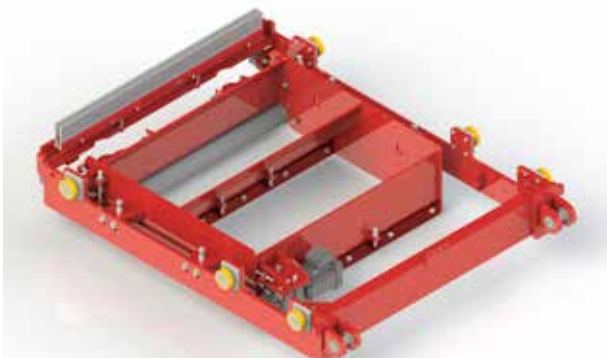
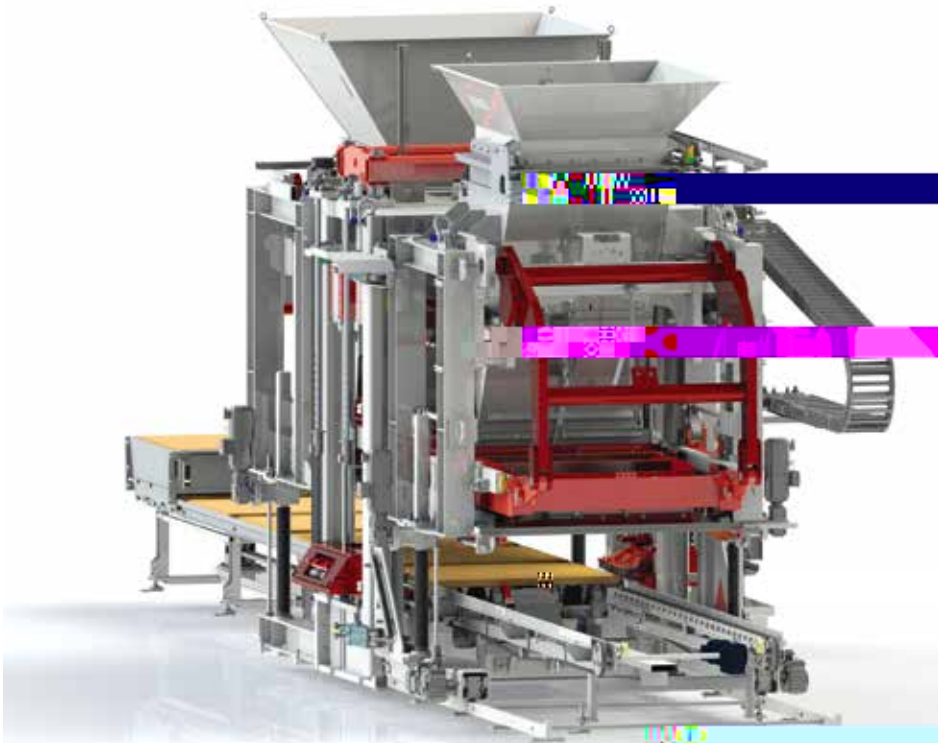
Production board [mm]**		1,400 x 1,100
Production area [mm]**		1,300 x 1,050
Min. product height [mm]		40
Max. product height [mm]		500
Machine weight in VA version [kg]		38,000
Paving stone 10 x 20 x 5 cm without face mix	Cycle time [s]	12.5
	m² in 8h	2,114
	Quantity of stones/mold	54
Paving stone 10 x 20 x 6 cm with face mix	Cycle time [s]	14.5
	m² in 8h	1,823
	Quantity of stones/mold	54
Hollow block 20 x 40 x 20 cm	Cycle time [s]	16.5
	Quantity in 8h	17,800
	Quantity of stones/mold	12

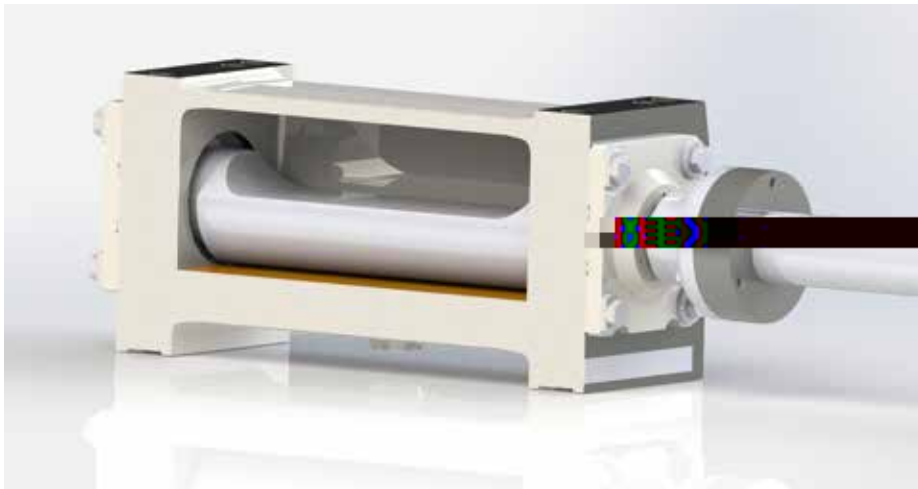
* settings, the concrete mixing recipe used, the quality of raw materials, the performance of other related plant equipment, mold characteristics, the stone format, and the production pallets used.
Technical Data are subject to change.
** Other production board sizes available.

RH 1450

Base mix hopper two outlet flaps	○
Table plate base mix height adjustment with manual winch	●
Table plate base mix height adjustment with electrical gear box	○
Wear lining base mix hopper; PA/ Hardox	○
Pneumatic tapper base mix hopper	○
Colormix device with draw plate, base mix	○
	○
Table plate lining base mix (build-up welding)	○
	○
Face mix unit	○
Face mix unit height adjustment with manual winch	●
Face mix unit height adjustment with screw jack gearbox	○
Pneumatic clamping of face mix unit frame	○
Face mix unit electrically movable	○
Wear lining face mix hopper; PA/ Hardox	○
Pneumatic tapper face mix hopper	○
Colormix device with draw plate, face mix	○
	○
	○
	○
Table plate lining face mix (build-up welding)	○
	○
Polysterene insert device	○
Central grease lubrication system	○
Oil cooling tower	○
Draw plate device mounted on the pallet transport	○
Draw plate device, hydraulic	○
Core puller, hydraulic	○
Mobile panel machine	○

Standard equipment ● selectable as an option ○





Model oil bath vibrator



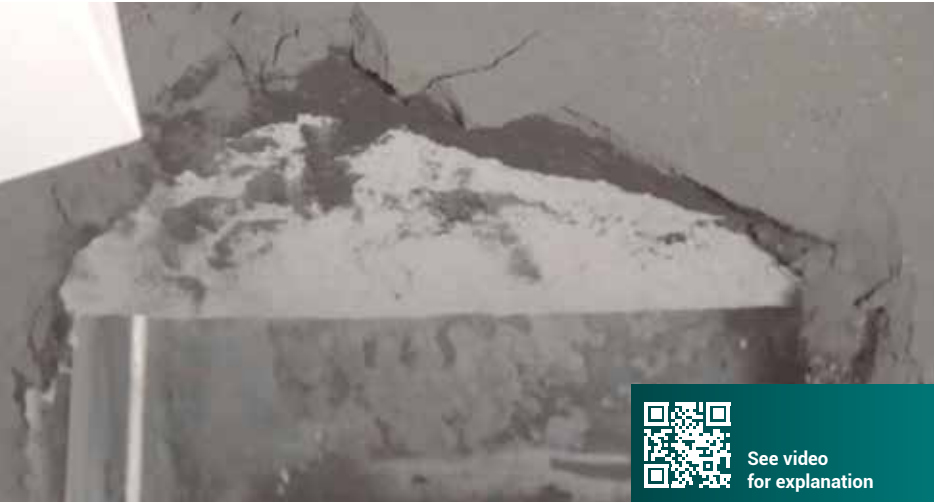
VarioTronic vibrating table, view from below

HESS

FULLY ELECTRIC CONTROL



Colormix device with draw plate



Colormix device with two layers of colored concrete

HESS

MANUFACTURING MULTICOLORED CONCRETE PRODUCTS

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



HESS

PILOTING ALL MACHINE FUNCTIONS

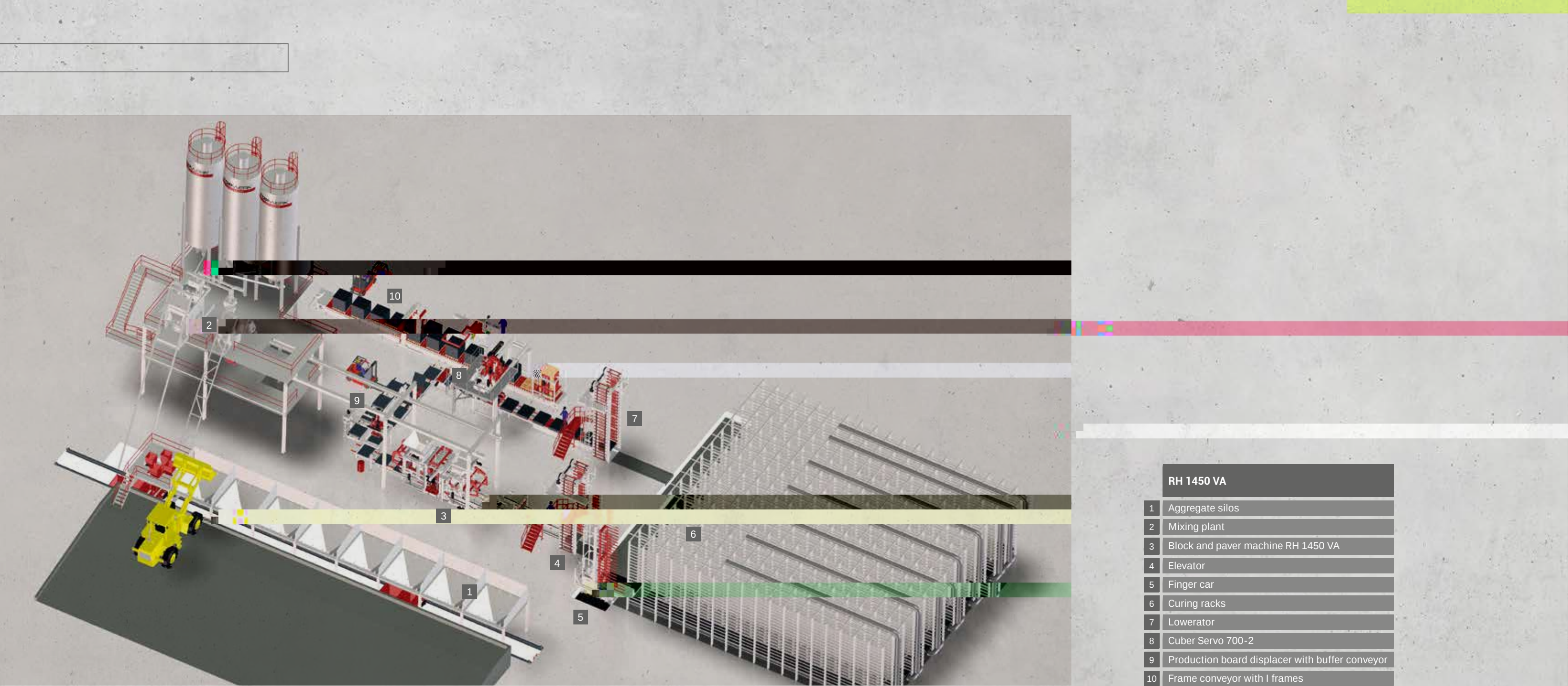
Concrete block and paver machines and systems are equipped with a control panel. With a large touch panel and four joystick controllers, you have full control over all machine functions of the interlinked system.

ated as the intelligent software automatically adjusts many parameters. Settings can be made quickly with a few operations – user-friendly and self-explanatory.

FEATURES OF THE HESS CONTROL

- Master recipe
- Comparable recipe
- Version management recipe management
- Login using an RFID pen at the control panel

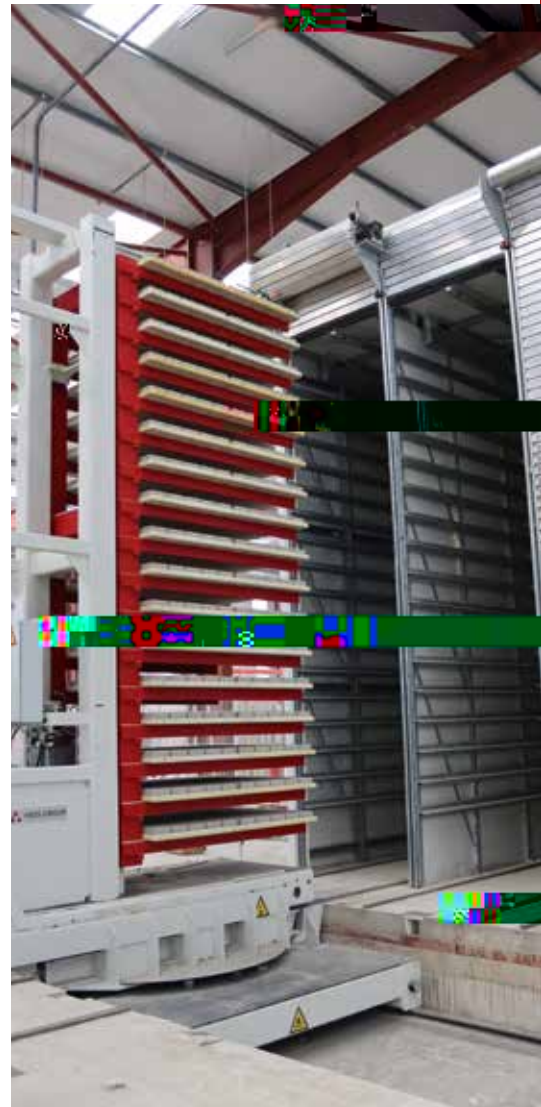
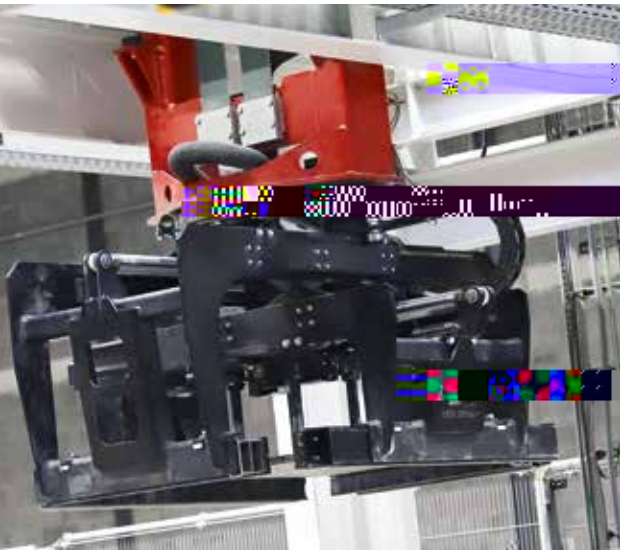
		RH 500	RH 600	RH 1450	RH 1500 VA	RH 2000 M version – standard production area	RH 2000 M version – large production area
Production board [mm]**		1,200 x 670	1,400 x 700	1,400 x 1,100	1,400 x 1,100	1,400 x 1,100	1,400 x 1,300
Production area [mm]**		1,100 x 620	–	1,300 x 1,050	1,300 x 1,050	1,300 x 1,050	1,300 x 1,250
Min. product height [mm]		25	25	40	25	25	25
Max. product height [mm]		300	300	500	500	500	500
Machine weight in VA version [kg]		7,700	14,000	38,000	46,000	46,000	48,000
Paving stone 10 x 20 x 5 cm without face mix	Cycle time [s]	17	14	12.5	10.5	10	10
	m² in 8h	863	1,258	2,114	2,517	2,644	3,230
	Quantity of stones/mold	30	36	54	54	54	66
Paving stone 10 x 20 x 6 cm							



HESS

CUSTOMIZED
MARKET-ORIENTED
OPTIMIZED FOR THE CUSTOMER

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



HESS

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.

HESS GROUP



Interior view of mixer with raw materials



Face concrete mixer SM 500



Interior view of base mix mixer



Color-Mix shuttle belt system

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 [m³]	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.

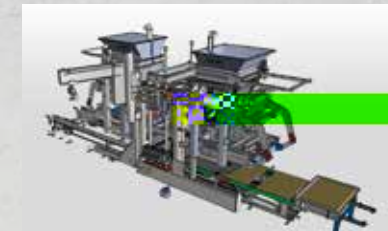
FEATURES OF PLANETARY MIXER SERIES SM

- 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

HESS GROUP





HESS Group GmbH

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57299 Burbach-Wahlbach, Germany

www.hessgroup.com

We put concrete into shape