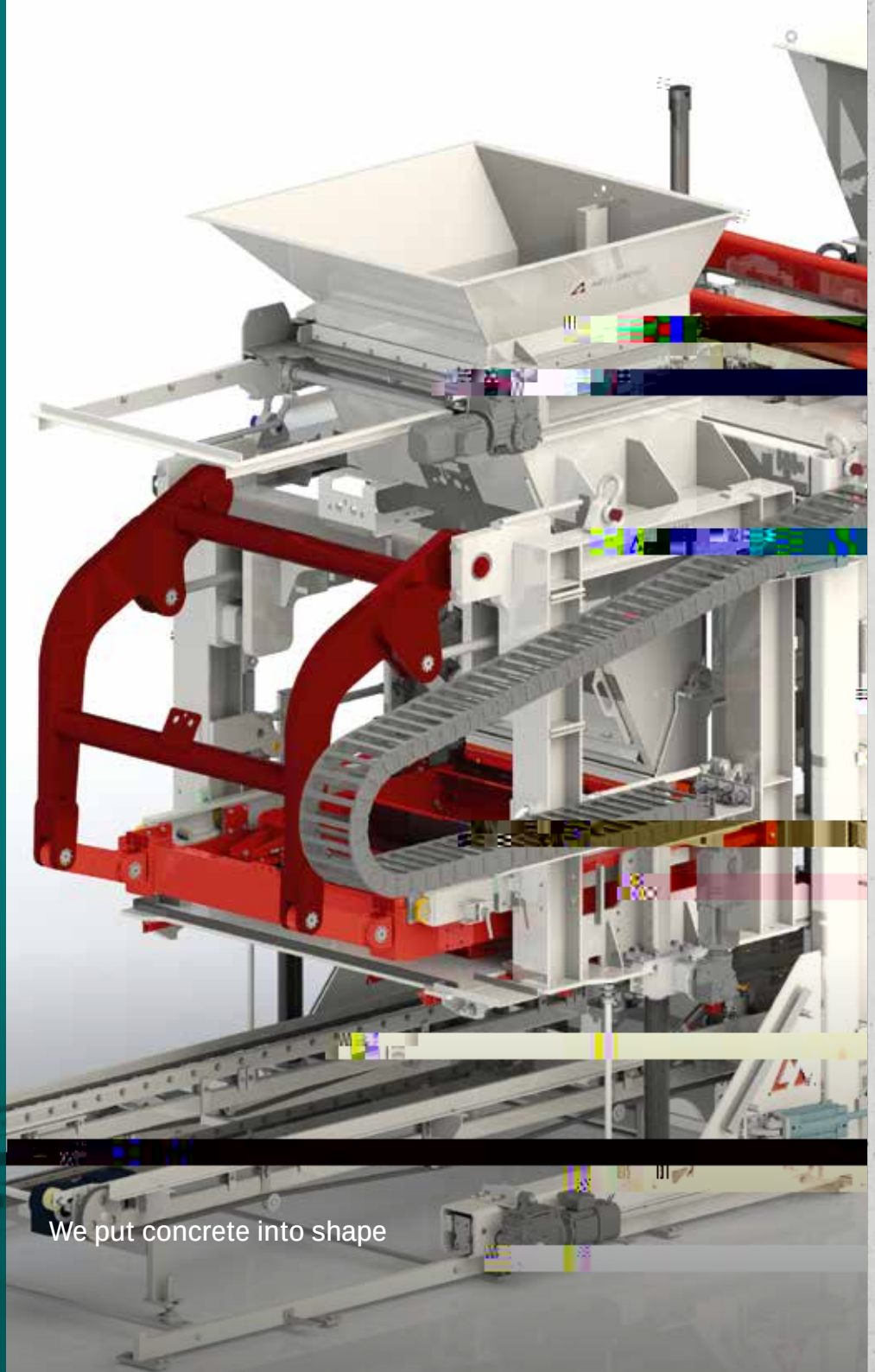
A member of WEB

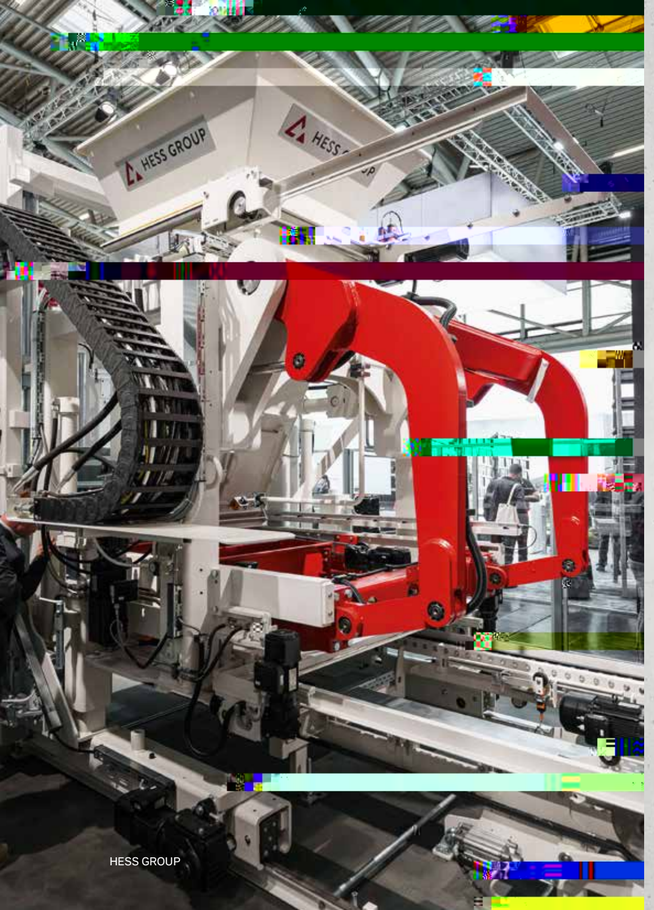
HESS GROUP



We put concrete into shape

RH 1450

EN



OUR COMPANY

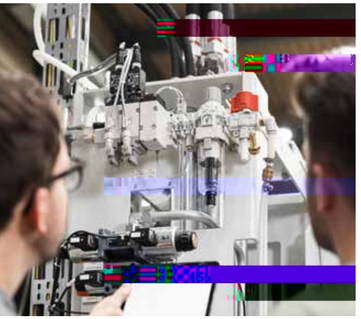
HO IS HESS GRO P?

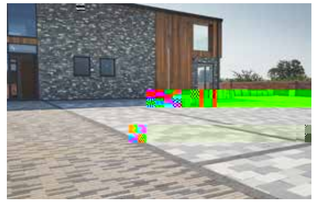
MIXERS, HANDLING SYSTEMS, CONCRETE BLOCK AND PAVER MACHINES, AND PACKAGING LINES

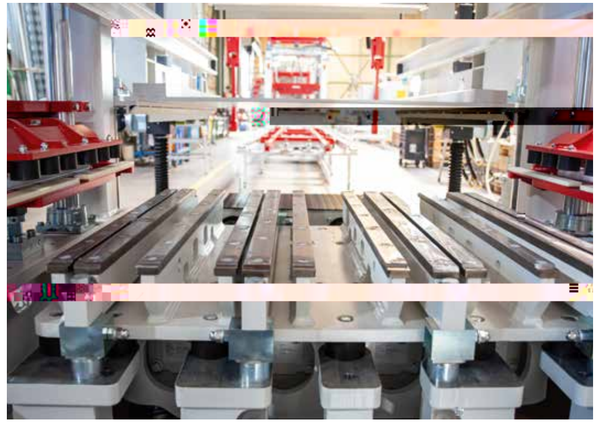
Our passion is developing technically superior machines for the production, processing, and handling of high-quality concrete products — and we have been doing so since 1948.

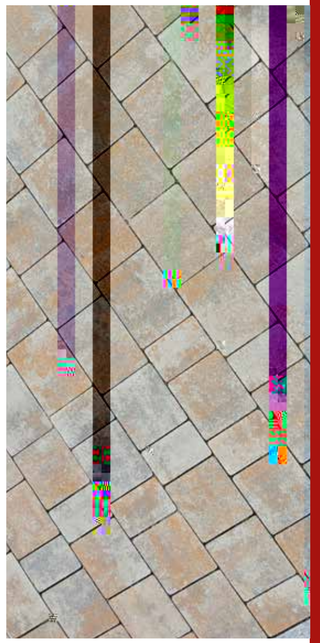
As a driver of new sustainable innovations and with a distinctive team spirit in an international environment, we continuously expand HESS GROUP's leading market

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



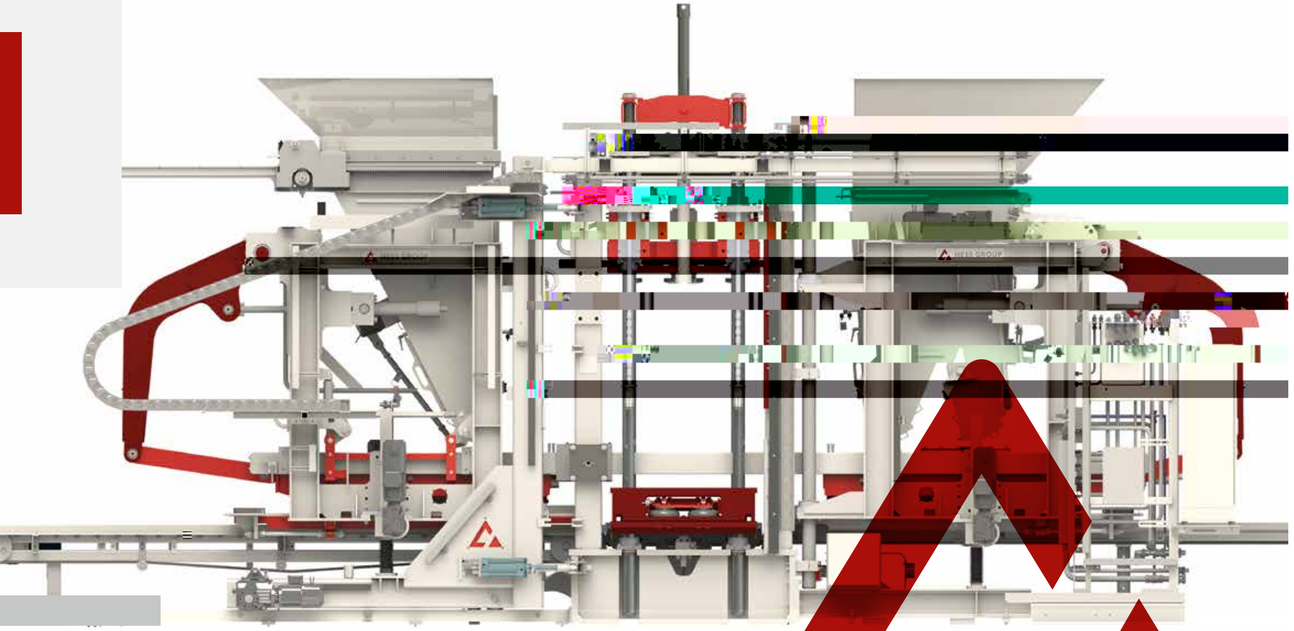






E P T
CONCRETE
INTO SHAPE.

RH 1450

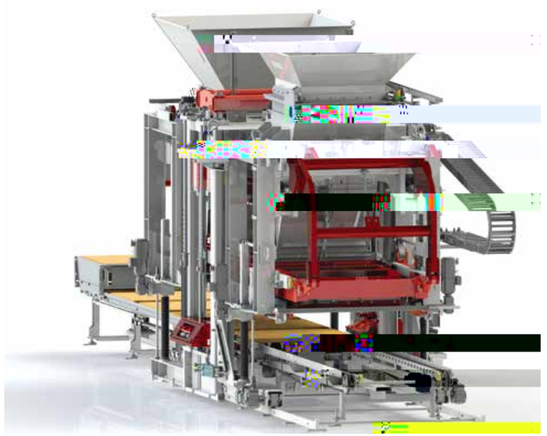


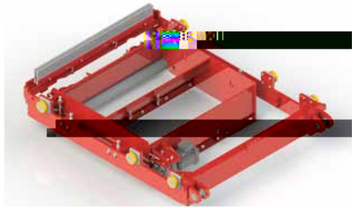
is achieved through better material utilization and en-

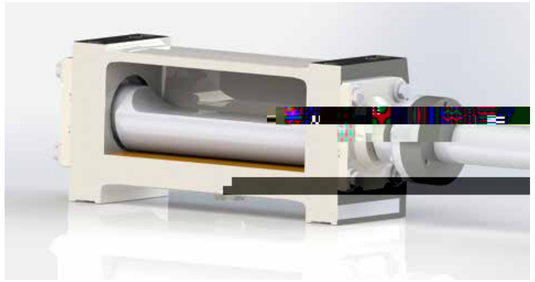
a large board plant, particularly when paired with an appropriate handling system.

*
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.
Technical Data are subject to change.
** Other production board sizes available.

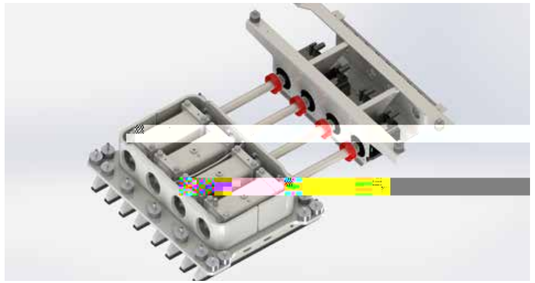
RH 1450







Model oil bath vibrator



VarioTronic vibrating table, view from below

HESS

ARIOTRONIC ITH OIL BATH IBRATORS

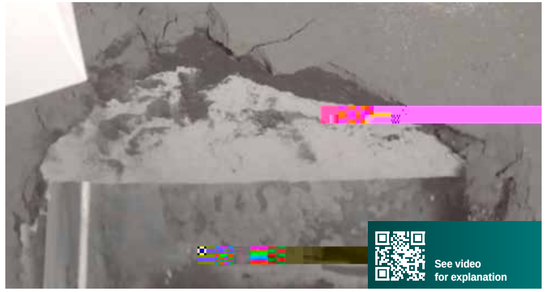
FULLY ELECTRIC CONTROL

- 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



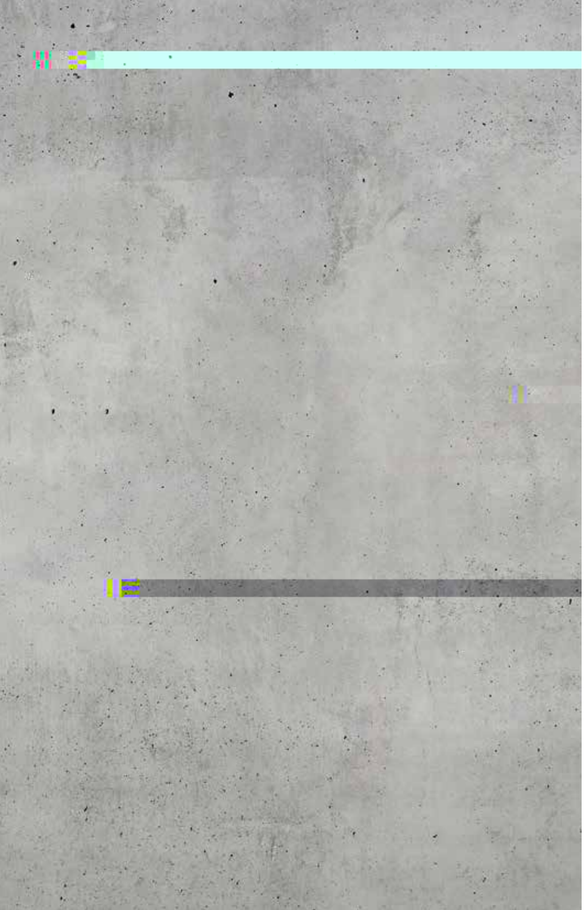
Colormix device with two layers of colored concrete

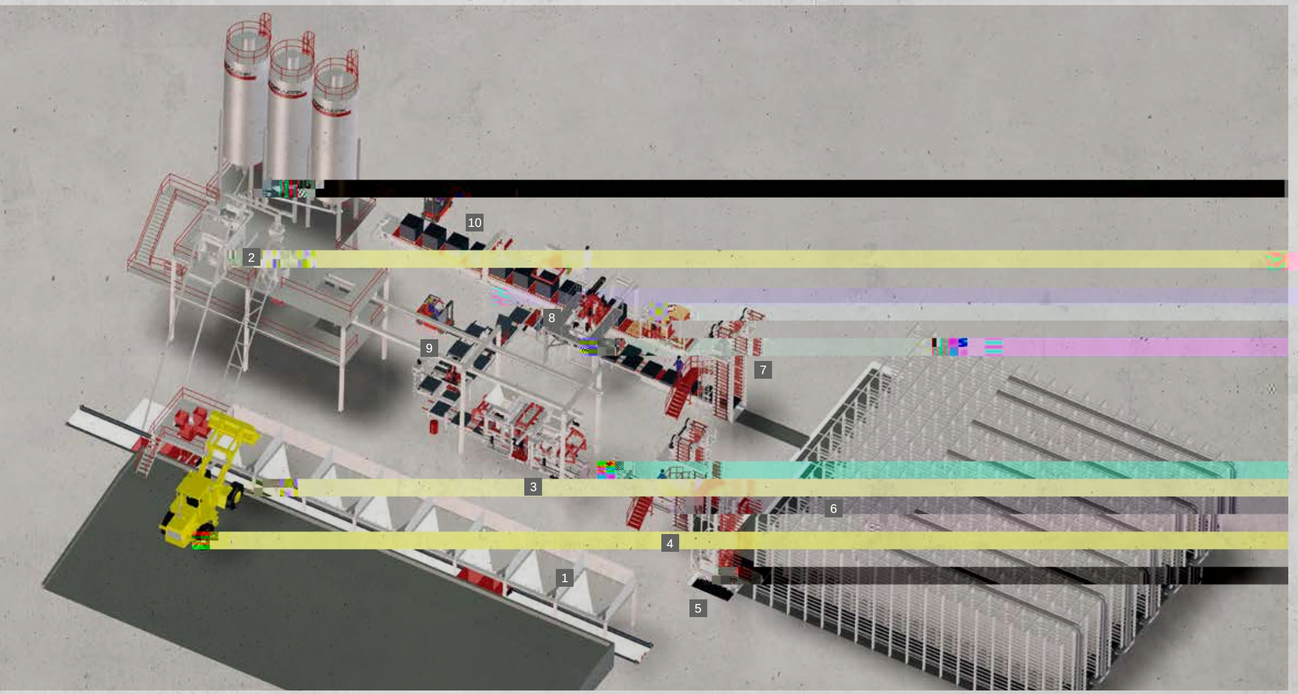
HESS

COLORMI DRA PLATE

MANUFACTURING MULTICOLORED CONCRETE PRODUCTS

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





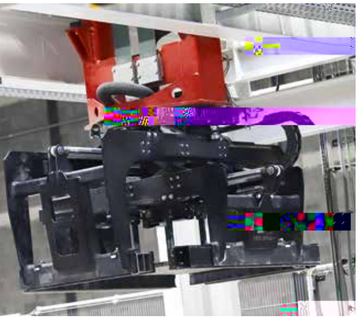
RH 1450 VA	
1	Aggregate silos
2	Mixing plant
3	Block and paver machine RH 1450 VA
4	Elevator
5	Finger car
6	Curing racks
7	Lowerator
8	Cuber Servo 700-2
9	Production board displacer with buffer conveyor
10	Frame conveyor with I frames

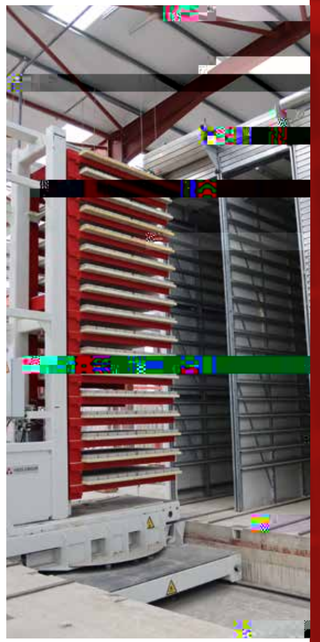
HESS

COMPLETE S STEMS

CUSTOMIZED
MARKET-ORIENTED
OPTIMIZED FOR THE CUSTOMER

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





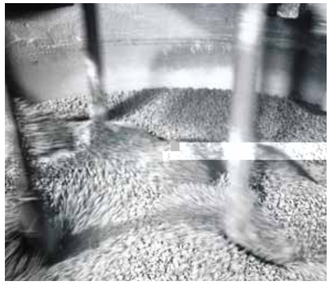
E P T
CONCRETE
INTO SHAPE.

BATCHING AND MI ING PLANTS, CON E ING AND HANDLING S STEMS

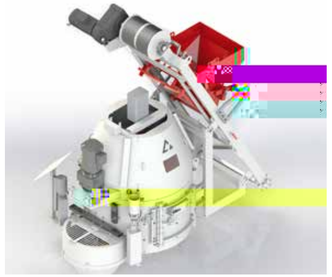
HESS

BATCHING AND MI ING PLANTS

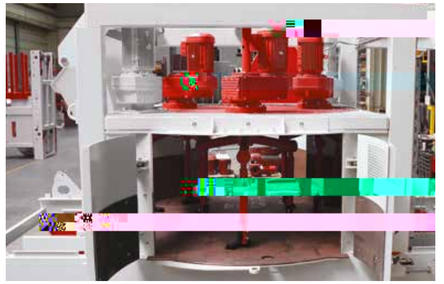
For the production of high-quality concrete products (interlocking paving stones and slabs, curbstones, hollow blocks and segmental retaining walls, pipes and manholes as well as various precast elements), we offer the necessary mixing plants including all batching devices for aggregates, cement, and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



Interior view of mixer with raw materials



Face concrete mixer SM 500



Interior view of base mix mixer

Color-Mix shuttle belt system

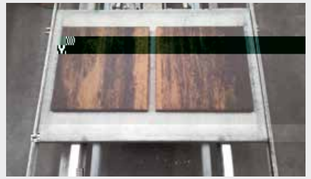
TECHNICAL OVERVIEW OF BATCHING AND MIXING PLANTS*

	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

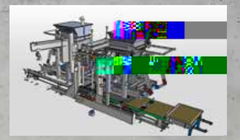
* Technical Data are subject to change.

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

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HESS GROUP

We put concrete into shape