

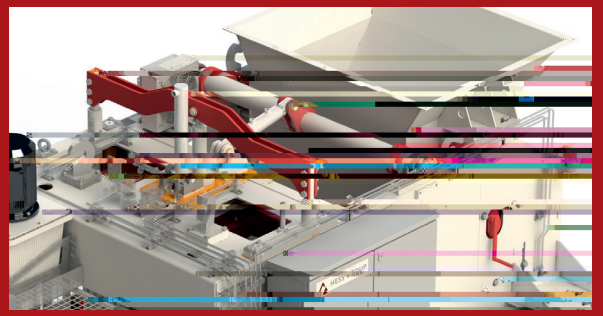
Production on the concrete floor



Polystyrene insert device (EPS)



Hollow block production



BF 80 tamper head system

A member of TOPWERK

HESS GROUP

HESS Group GmbH

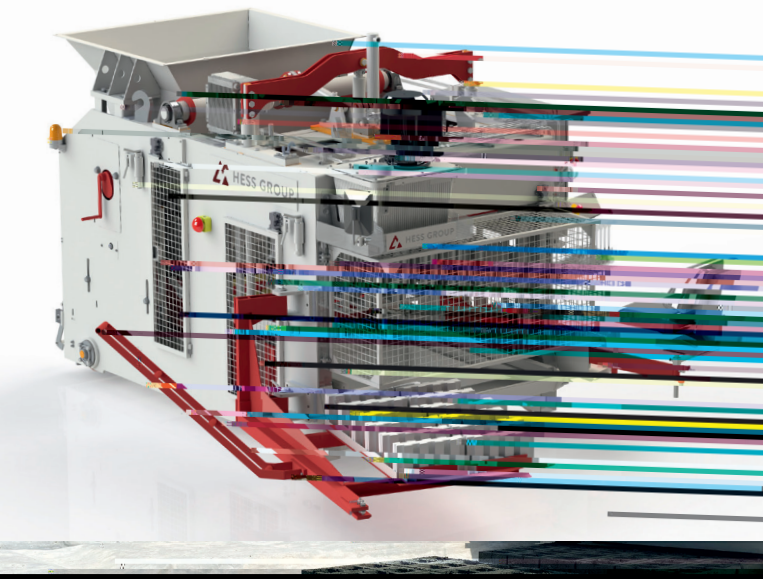
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CONCRETE BLOCK MACHINE

HYDROMAT BF 80-2 H



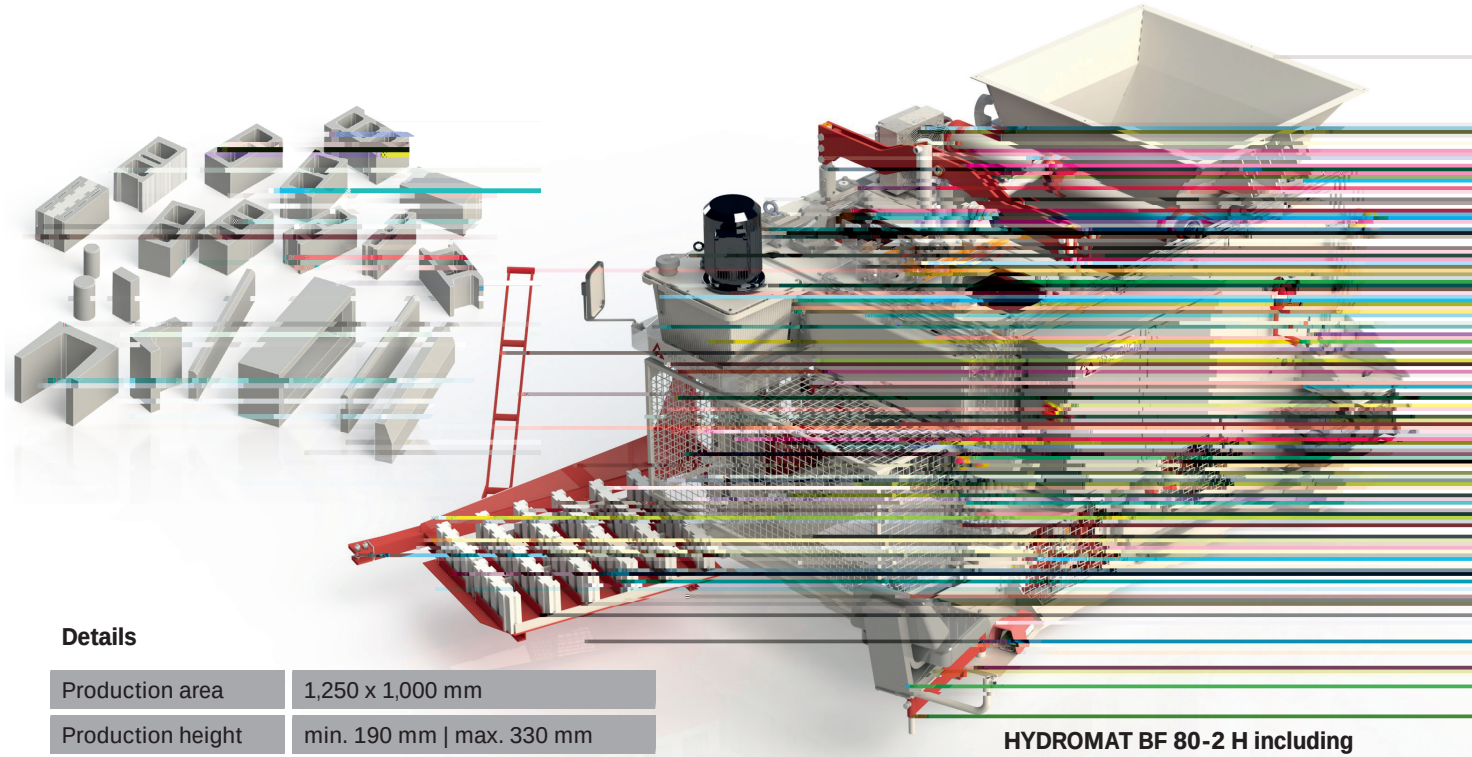
CONCRETE BLOCK MACHINE HYDROMAT BF 80-2 H

Mobile egg-layer machine for the production of

- **hollow blocks**
- **insulated blocks**
- **curb stones**
- **palisades**
- **solid blocks**
- **hourdi blocks**
- **chimney blocks**

Including

- Mechanical safety features and visual warning devices, collision protection, mechanical locking of tamper head and
- Steering wheel drive connected to drive axle via gearbox, hydraulic lifting device for steering wheel
- Filler box with central drive via 1 hydraulic cylinder
- Mould and tamper head guided on 4 columns
- Demoulding via central hydraulic cylinder and guidance by 2 columns
- mould vibrators
- Easy mould change due to centring device
- silo by winches. All devices are adjusted simultaneously with 2 manual winches when the mould height is changed
- Spring-loaded, adjustable seat for operator
- Adjustable sunshade directly above the operator
- Abrasion-resistant polyurethane wheels to protect the production surface
- Dirt deflector brushes in front of the wheels
- Large rear-view mirror for lane control
- Pressure gauge for checking the hydraulic pressure
- Usage of moulds from the existing BF 80 machines possible
- Electric control with the standard package is executed as a conventional control with only contactors



HYDROMAT BF 80-2 H including polystyrene insert device, height adjustment for concrete silo, table plate and fllerbox rails

Details

Production area	1,250 x 1,000 mm
Production height	min. 190 mm | max. 330 mm
Tamper head vibration	2 frequency vibrators, each 1.1 kW
Mould vibration	2 high frequency vibrators HESS each 1.5 kW
Concrete hopper	1,000 l
Hydraulic pressure	190 bar
Travel gear	gear motor, with optional integrated inverter
Total connected load	18 kW
Weight	approx. 5,800 kg
Control	Conventional electric control

Options

Semi-automatic control by modern SIEMENS TIA-CPU including gear drive motor with integrated converter
Polystyrene insert device
4 mould vibrators

Capacity*

Hollow block, 200 x 200 x 400 mm	
Products per cycle	12 pieces
Capacity	abt. 72 - 120 cycles/hour

* influenced by machine settings, the concrete mixing recipe used, the quality of raw material, mould characteristic, stone format and as this is a semi-automatic machine the performance of the operators.

Please scan for more information