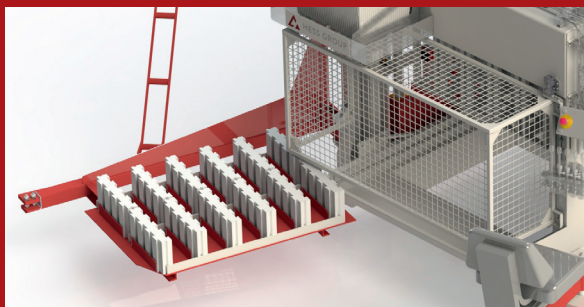




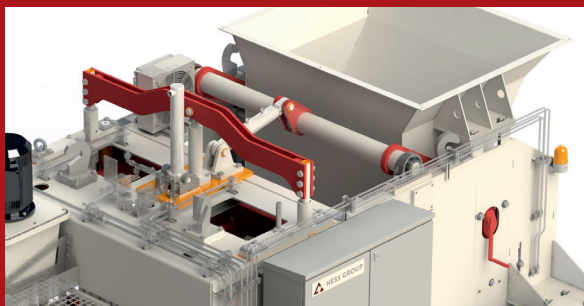
Production on the concrete floor



Polystyrene insert device (EPS)



Hollow block production



BF 80 tamper head system



A member of **TOPWERK**



CONCRETE BLOCK MACHINE

HYDROMAT BF 80-2 H



HESS Group GmbH

Freier-Grund-Strasse 123
57299 Burbach-Wahlbach
Germany

Phone: +49 2736 4976 0
E-Mail: info@hessgroup.com
www.hessgroup.com

We put concrete into shape.

www.hessgroup.com

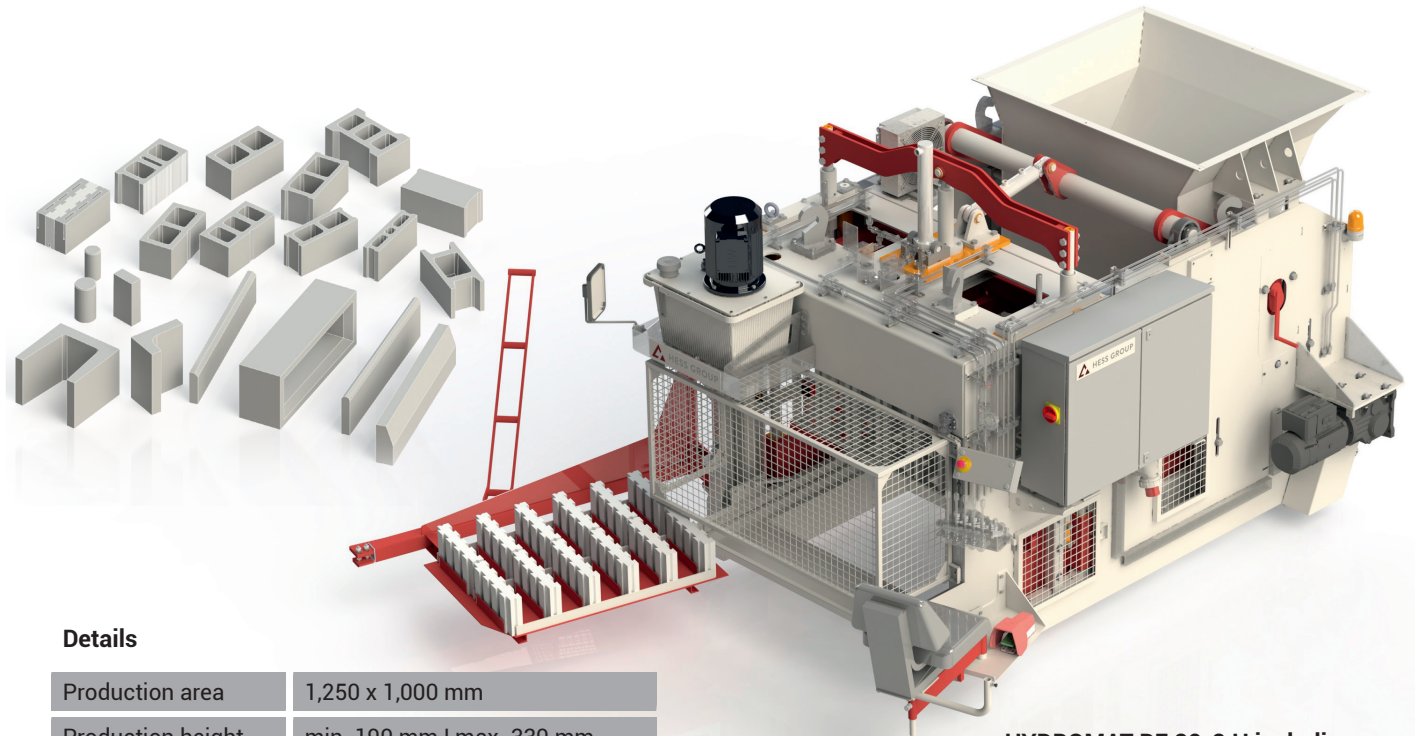
CONCRETE BLOCK MACHINE HYDROMAT BF 80-2 H

Mobile egg-layer machine for the production of

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

Including

- Mechanical safety features and visual warning devices, collision protection, mechanical locking of tamper head and filler box for safe maintenance work and mould change
- Steering wheel drive connected to drive axle via gearbox, hydraulic lifting device for steering wheel
- Filler box with central drive via 1 hydraulic cylinder with wiper on both sides for optimum mould filling
- Mould and tamper head guided on 4 columns
- Demoulding via central hydraulic cylinder and guidance by 2 columns
- Two tamper head vibrators and two high efficient mould vibrators
- Easy mould change due to centring device
- Level control for filler box rails, filler box table / concrete 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



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

Capacity*

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

* The production output is calculated at 85% percent shown the above table value and is significantly 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.

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

Options

Semi-automatic control by modern SIEMENS TIA-CPU including gear drive motor with integrated converter

Polystyrene insert device

4 mould vibrators

Please scan
for more information

