

DGM120Z



Advantages

- Suitable for hollow and solid casting
- Single and multi-cavity molds
- Closing force adjustment
- Energy-efficient and silent
- Possible expansion to TWIN CELL production cells

Technical information

- Number of Clamping platens: 4
- Closing force: max. 1200 kN
- Casting pressure: max. 40 bar
- Moldblock: max. 1000 x 960 x 450 mm
- Output: approx. 20 – 40 cycles per hour

Keyfacts

Flexibility

- Quick and simple mold change due to quick-action clamping system (optional)
- Mold change crane (optional)
- Pressure or path-controlled mode of operation for different mold systems

Energy efficiency

- Closing pressure generation by means of air/oil pressure intensifier
- Minimum energy consumption at the casting stage
- Adjustment of closing pressure according to the slip pressure

Usability

- Clearly structured process control with electronic variable programming system

Characteristics

Article removal

- Manual removal
- Removal by robot

Production cells

- Arrangement of cells comprising up to three pressing heads per robot
- Automatic change of suction heads at the removal robot
- Fettling station including spruce cutters, fans and suction head racks
- Mold change at one plant while the other plants of the cell keep on working

Fettling and conveyor systems

- Article depositing on setters or conveyor systems
- Article depositing on drying plates or drying swings

Technologies

- Ceramic pressure casting
- Solid casting
- Hollow casting
- Porous resin molds
- Closing force adjustment
- Post-solidification