

BDW120H2

Battery Pressure Casting Plant for Sanitaryware



Advantages

- Suitable for hollow and solid casting
- Single and multi-cavity molds
- No remoistening of the articles
- Closing force adjustment
- Flexible and highly productive
- Energy-efficient and silent
- Possible expansion to TWIN CELL production cells

Technical information

- Number of Pressure casting molds: 2
- Closing force: max. 1200 kN
- Casting pressure: max. 15 bar
- Mold block: max. 1400 x 800 x 550 mm
- Output: approx. 2 – 3 cycles per hour

Keyfacts

Productivity

- Simultaneous opening and turning of the clamping platens with simultaneous removal of all articles
- Optimized cycle time
- No remoistening of the articles
- Technologically independent supply of the pressure casting molds
- Production of up to two different articles in one cycle

Energy efficiency

- Adjustment of closing pressure according to the slip pressure
- Minimum energy consumption at the casting stage
- No cooling of the hydraulic unit necessary

Usability

- Clearly structured process control with electronic variable programming system

Characteristics

Article removal

- Manual transfer trolleys
- Automatic removal systems

Production cell

- Combination of two plants to one production cell with centralized conveyor line

Fettling and conveyor systems

- Article-specific setters and turning trays
- Fettling tables
- Conveyor lines
- Auxiliary transfer devices for transport between transfer trolleys, fettling tables and conveyor lines

Technologies

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