

# BDW120H4

## Battery Pressure Casting Plant for Sanitaryware



### Advantages

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- 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

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- Number of Pressure casting molds: 4
- 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

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### 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

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### 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

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