

BDW100.11

Battery Pressure Casting System for Sanitaryware



Advantages

- Hollow and core casting capable
- Single and multiple molds
- Clamping force regulation
- Highly productive
- Energy efficient and silent
- Extension to TWIN CELL production cells possible

Technical information

- Number of Pressure casting molds: 11
- Closing force: max. 1000 kN
- Casting pressure: max. 15 bar
- Mold block: max. 1500 x 1500 x 650 mm
- Output: approx. 2 – 3 cycles per hour

Keyfacts

Productivity

- Highly efficient battery pressure casting plant for serial production
- Ample mold mounting area for easy removal and quick mold change
- Technologically independent supply of the pressure casting molds for up to three groups
- Production of up to three different article groups 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

Removal

- Manual removal
- Manual removal by means of manipulator
- 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 removal trolleys, fettling tables and conveyor lines

Technologies

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