

DG180

Pressure Casting System for Sanitaryware



Advantages

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

Technical information

- Number of Pressure casting molds: 1
- Closing force: max. 1800 kN
- Casting pressure: max. 15 bar
- Mold block: max. 2000 x 2100 x 700 mm
- Output: approx. 2 – 4 cycles per hour

Keyfacts

Productivity

- Highly efficient pressure casting plant for serial production
- High article quality due to flexible removal in horizontal or vertical position with little deformation
- Ample mold mounting area for efficient removal and quick mold change

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

- Removal by robot in horizontal or vertical position
- Removal by means of lifting table in horizontal position
- Combination of up to three plants to one production cell with centralized robot

Fettling and conveyor systems

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

Technologies

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