

COMPACTCAST CC300

The easyshell® production process



Advantages

- 100% focused on product design and casting process
- Flexible and economical from batch size 1
- Unique DORST mold technology easyshell®
- Minimized total cost of ownership
- Energy efficient and silent
- Extension to TWIN CELL production cells possible

Technical information

Number of Pressure casting molds: 3

Closing pressure: max. 20 bar

Casting pressure: max. 19.5 bar

Mold block: max. 1575 x 860 x 400 mm

Output: approx. 4 – 6 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

Removal

- Removal by robot

Mold change

- Fully automatic mold change incl. media connection by robot

Production cells

- Combination of two 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