

CC300

Ready for smart operation



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engelglobal.com/cc300

CC300

The CC300 control is the intuitive control for state-of-the-art machine operation.

An ergonomically swivelling screen, a clearly visible status and info bar, and extremely simple operation with the ENGEL e-move make this control unit the perfect interface between you and your machine.



Access system via EUROMAP 65

Swivel for optimal ergonomics

Status/alarm bar

Capacitive touch screen 21

Operating modes

Push button

e-move

CC300 plus

Optionally, the CC300 control can be equipped with a control panel, push buttons with haptic feedback and a double swivel mechanism. Additionally configurable keys, an extended degree of customisability as well as clearly visible motion and position indicators offer you the maximum freedom for your production.

+ Access system extended

+ Double swivel mechanism for even more comfortable operation

+ Movement and position display

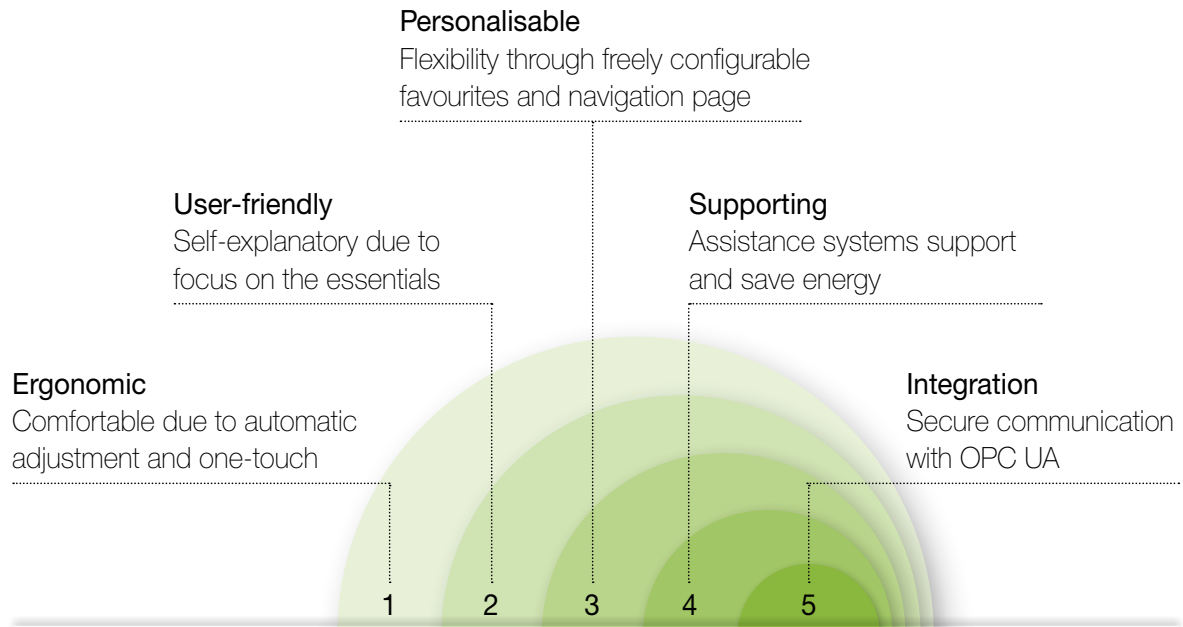
+ Marking active/inactive

+ Haptic feedback

+ 8 pairs of push buttons



Hard and soft facts of the CC300 control



Long-term availability and retrofittability
for example for the CC90
more than 30 years

Development complete at ENGEL
together with the ENGEL
process specialists

Digital twin for every machine
which can be used
for training and
setting optimisations

Fulfilment of the highest complexity requirements
through a scalable, expandable system
with System with functional unit concept

Automation and periphery fully integrated
z. e.g. linear and 6-axis robots,
quick-change systems,
preheating stations, infrared oven

Handheld device C10

Ergonomic one-hand holding
Consistent operating concept and uniform
representation of machine & robot



Innovative control for injection moulding machines

CC300 control intuitively guides through complex injection moulding processes

With the CC300 control system for injection moulding machines, robots and peripherals, you can expect innovative machine operation. This includes



Production start-up/sampling

- iQ melt control
- iQ hold control
- iQ clamp control
- Integration (OPC UA)
- Start-up cycles
- Heating optimised weekly timer
- Programmable pre-injection



Set-up/Mould change

- Set-up assistant
- AutoID Plasticizing
- AutoID Mould
- Blow-out function



End of production

- Automatic switch off
- Equipment switchable



The CC300 controller offers everything we need for stable, innovative and cost-optimised production processes."

Dariusz Barton und Bartłomiej Ustowski (f. l. t. r.)
Managing Directors at SolidPlast, Poland

modern operating logic, self-explanatory navigation and options for individual configuration. The robots, which are fully integrated into the control system, and the uniform appearance set new standards in operation. The CC300 control supports the machine operator in every phase of the production cycle:



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ENGEL AUSTRIA GmbH | Ludwig-Engel-Straße 1 | 4311 Schwertberg, Austria
Tel. +43 50 620 0 | Fax +43 50 620 3009 | sales@engel.at | www.engelglobal.com

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