

## The Continuous Casting Machines



VCC 400  
with optional  
Quattro Drive



VCC 1000  
with Dual Drive



CC 3000  
with optional  
Quattro Drive

### CC 400/VCC 400

### CC 1000/VCC 1000

### CC 3000/VCC 3000

#### performance

power max. / electrical connection  
maximum temperature

15 kW 3x400 V / 3x208 V  
1500° C

25 kW 3x400 V  
1500° C

30 kW 3x400 V  
1500° C

#### capacity

crucible volume

285 ccm = 2.2 kg Cu\*  
400 ccm = 3.2 kg Cu\*  
700 ccm = 5.6 kg Cu\*

1,500 ccm = 12 kg Cu\*

3,400 ccm = 27 kg Cu\*

wire/tube production up to  
sheet production

■  $\varnothing$  15 mm / ■  $\varnothing$  45 mm  
■ 50 x 8 mm / ● 60 x 8 mm

■  $\varnothing$  30 mm / ■  $\varnothing$  85 mm  
■ 100 x 10 mm

■  $\varnothing$  40 mm\*\* / ■  $\varnothing$  85 mm\*\*  
■ 130 x 12 mm

#### handling+control

100 programs

by LCD-display, full text readout

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vacuum/inert gas overpressure

– CC 400 / ■ VCC 400

– CC 1000 / ■ VCC1000

– CC 3000 / ■ VCC 3000

neutral inert gas atmosphere

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optical die temperature measurement

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die cooler with protective gas flushing

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secondary cooler, end bar sensor

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#### quality management

RS 232, diagnostic system, remote service  
data printer

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#### accessories

Quattro-drawing unit, granulation tank

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○

center alignment, bending-unit

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○

sintering kit

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simultaneous casting of several wires

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○ 3 wires\*\*\*

○ 5 wires\*\*\*

coiling equipment

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○

\*Liquid metal up to top level of the crucible

■ = standard equipment ○ = optional

\*\* Standard sizes – special dimensions or profiles for watch cases a.s.o.  
on demand

\*\*\* not in combination  
with Quattro Drive