ARBURG

ALLROUNDER 720 A 2900 - 1300

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Production cell IML Cup

- Allrounder 720 A 2900 – 1300
  - Part: IML Cup
  - Cavities: 4
  - Cycle time: 3,95s
  - Material: PP, BJ368MO
    Available in renewable and chemically recycled feedstock (ISCC Mass Balance)
  - Shot- / part weight: 49,6g / 12,4g
  - Production cell equipped with side-entry-robot Brink

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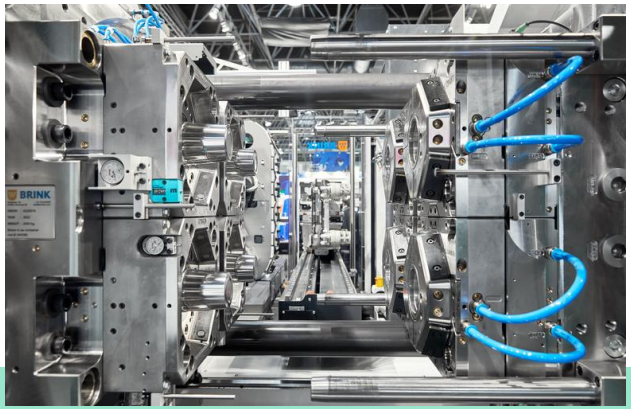
Production cell IML Cup

- ICM technology
  - Injecton compression molding in <4s
  - Reduction of clamping force from 290to to 230to
  - Reduction of max. injection pressure to 1500bar
  - Realisation of a flowpath/wallthickness ratio of 365:1 at a wallthickness of 0,38mm
  - Monitoring of the compression stroke / the mold breathing via a injection compression sensor



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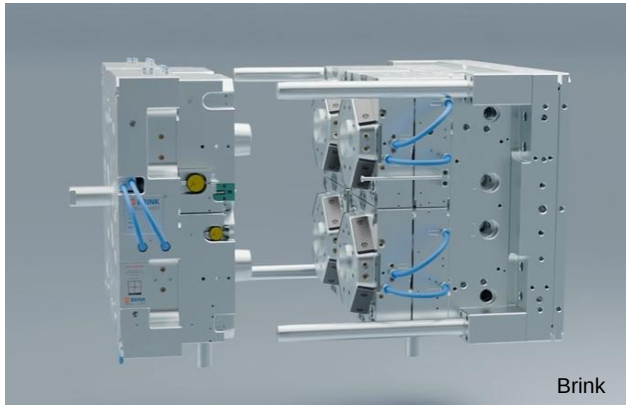
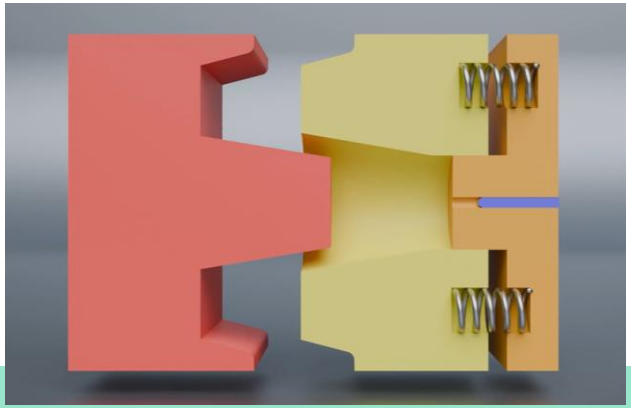
Production cell IML Cup

- ICM technology
  - Part with Tamper Evident
  - Mold with sliders for the Tamper Evident
  - Compression strok ein second parting line realised over springs

→ **Real injection molding part realised in ICM technology**





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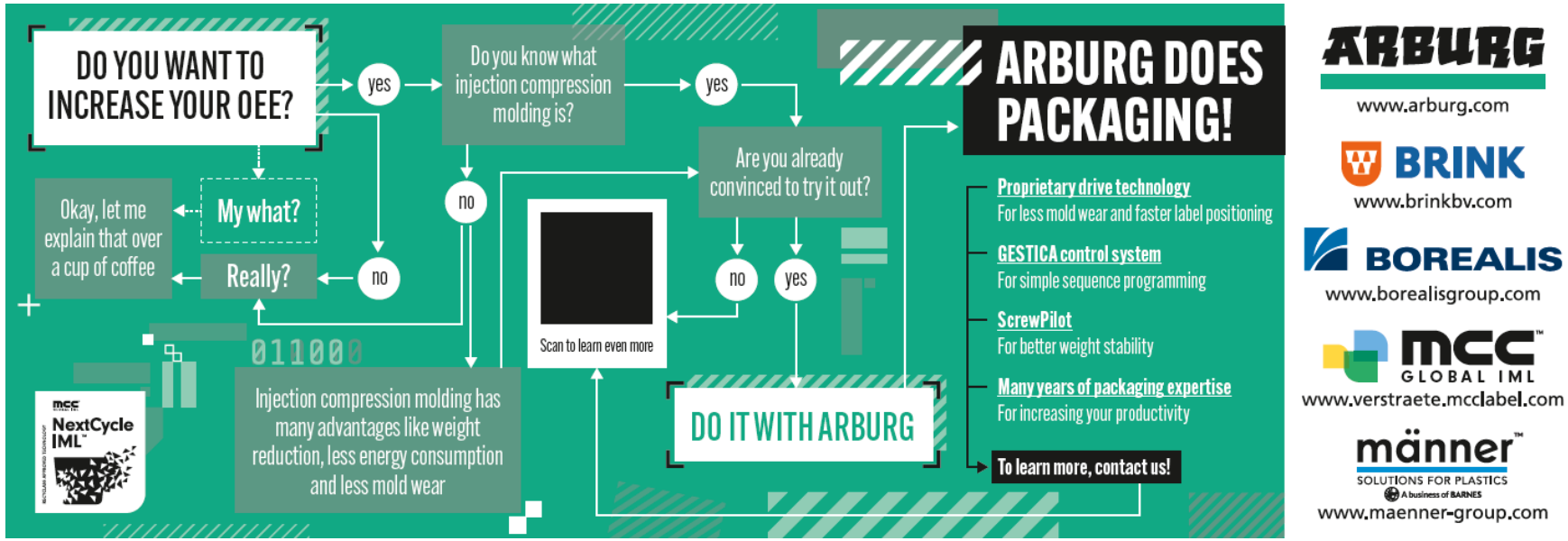
Production cell IML Cup

- ICM technology explained on label over a landing page



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Production cell IML Cup

- Sutainable packaging solution
  - NextCycle IML
  - 20% energy saving compared to a hybrid packaging machine
  - Mass balanced plastic
  - Optimized mold temperature of 20°C
- Automation
  - Side entry Robot for removal and insert of labels

MCC Verstraete

→ **Maximum performance for the injection moulding – packaging industry**

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Partners

Brink B.V.	NL	13/D72	BRINK
BOREALIS GmbH	AT	6/A43	BOREALIS
MCC Verstraete NV	BE	5/B37	mcc VERSTRAETE
Werner Koch Maschinentechnik GmbH	DE	10/A21	KOCH TECHNIK
Otto Männer GmbH	DE	1/C50	männer SOLUTIONS FOR PLASTICS
Frigel Firenze S.p.A.	IT	11/A60	Frigel Intelligent Process Cooling
Mobil Industrial Lubricants	BE	4/G04.3	Mobil

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