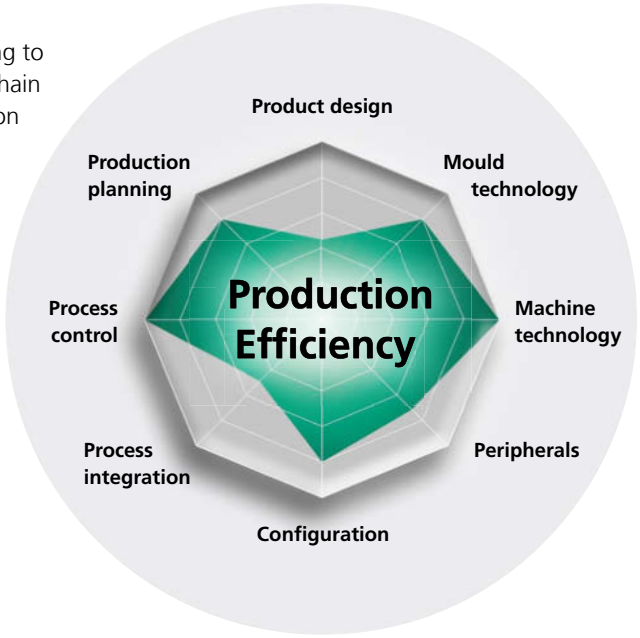
# Test your production efficiency with ease

Make rational use of your resources and exploit the available potential. This ensures maximum productivity at minimum operating costs, leading to a high level of efficiency for companies. Here, the entire value-added chain and all variables should be included – from product design to production planning. Our self-tests helps you to identify just how efficient production is at your injection moulding facility and where there is potential for improvements.




**1. What place does product design have for you?**

a) Product design appropriate for plastics and targeted material selection are a matter of course. Customers' attention is drawn to potential improvements from time to time ☐ 5

b) In addition to product design appropriate for plastics and targeted material selection, efficiency criteria such as energy requirements and cycle times are taken into account. Customers' attention is drawn to optimisation opportunities in a targeted manner ☐ 10

c) Only functionality is taken into account during product design, regardless of the manufacturing process. Customers do not receive any feedback on product design ☐ 0

**2. What is important to you in terms of mould technology?**

a) Mould costs are the top priority ☐ 0

b) Ensuring a stable production process is more important than mould costs ☐ 5

c) In addition to a stable production process, efficiency criteria such as material requirements and cycle times are taken into account. ☐ 10

**3. How do you select your machine and drive technology?**

a) Enquiries regarding alternative machine and drive technologies are always explicitly made ☐ 5

b) Seeking out alternatives and comparing them in economic terms is a matter of course ☐ 10

c) Same machine and drive technology as always, without researching alternatives ☐ 0

**4. How do you equip your production in terms of peripherals – e.g. robotic technology?**

a) The machine and robotic system have separate control systems ☐ 0

b) The machine and robotic system form a production unit with a central control system ☐ 10

c) The machine and robotic system can both have separate control systems or can also form production units with a single central control system ☐ 5

**5. Do you configure your production facility in an application-specific manner?**

a) Regularly ☐ 10

b) Occasionally ☐ 5

c) Never ☐ 0

**6. Do you search for solutions to automate processes or link them together?**

a) Never ☐ 0

b) Occasionally ☐ 5

c) Regularly ☐ 10

**7. Do you systematically optimise your production processes?**

a) Regularly ☐ 10

b) Occasionally ☐ 5

c) Never ☐ 0

**8. Do you plan your production sequences - e.g. set-up?**

a) Never ☐ 0

b) Occasionally ☐ 5

c) Always ☐ 10

**9. How much do you know about energy consumption during production?**

a) The energy requirements of important processes are well known ☐ 10

b) Manufacturer information is available regarding the energy requirements of machines and peripherals ☐ 5

c) No detailed measurements or estimates regarding the energy requirements for processes, machines or peripherals are available ☐ 0

**10. Do you seek to identify measures for minimising energy requirements, material input, personnel, production steps, processing, setup and downtimes, as well as reject parts?**

a) Never ☐ 0

b) Occasionally ☐ 5

c) Regularly ☐ 10

No multiple answers possible

**Total points** ☐

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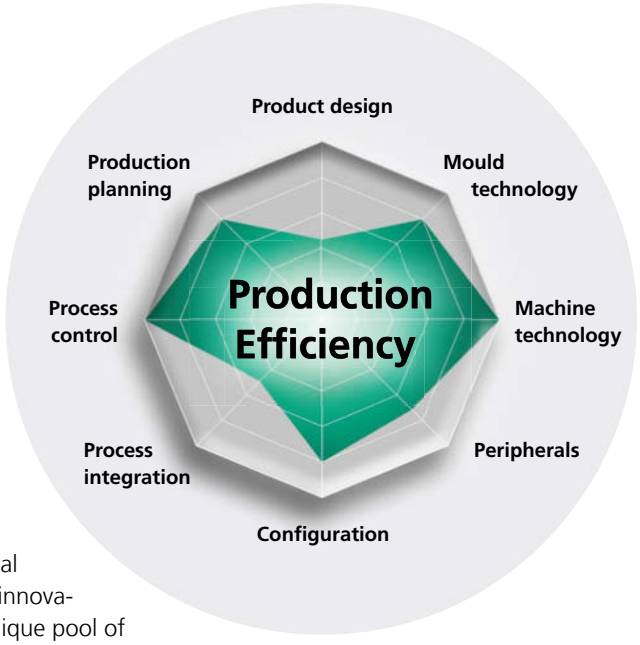


**Evaluation of results**

0-40 points It's time to get going! There is significant potential for enhancing production efficiency throughout virtually the entire value-added chain at your company. Your ARBURG contact will be pleased to advise you on how you can reduce your unit costs.

45-80 points Take a closer look! You are already working very efficiently in some areas. Close examination, however, is sure to reveal further potential for unit cost reductions. Make use of the support offered by the ARBURG specialists in order to maximise your competitive edge.

85-100 points Congratulations! You are operating at a high level of productivity and are already exploiting significant potential for unit cost reduction. Continue to keep an eye out for innovations and promote new ideas. Make use of ARBURG's unique pool of expertise and gain a leadership position in production over the long term. ARBURG could well imagine publishing a success story report on your company in its "today" customer magazine.

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