

**KURUTLU**®  
TECHNOLOGIES

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**KURUTLU**<sup>®</sup>  
TECHNOLOGIES

# MACHINE IN ACTION

Design. Engineering. Quality. Reliability. Sustainability.



Regardless of the complexity and the volume, we guarantee to deliver top products at competitive prices without compromising quality.



Our dedicated and passionate team of highly skilled professionals focuses on 100% customer satisfaction and is happy to assist you in every step of your project.



Our commitment to delivering defect-free quality products on time enables us to offer JIT and JIS delivery solutions as per your needs.

This is Kurutlu Technologies. We are a group of professionals dedicated to the perfection that becomes evident with the work we have created. Our approach that puts design thinking into the center, anchored in understanding customers' needs within rapid responding nature, contributes to our traceable procedures. As a result, anything and everything that come out of our manufacturing premises provide reliable solutions that fit our customers' expectations. Our investments bridge us to the modern era and focus on people, technology and the environment.

Get to know us and we'll be serving you for the top-notch.



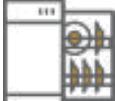
# ENGINEERING STIMULATES THE MIND.

*Bruce Dickinson*



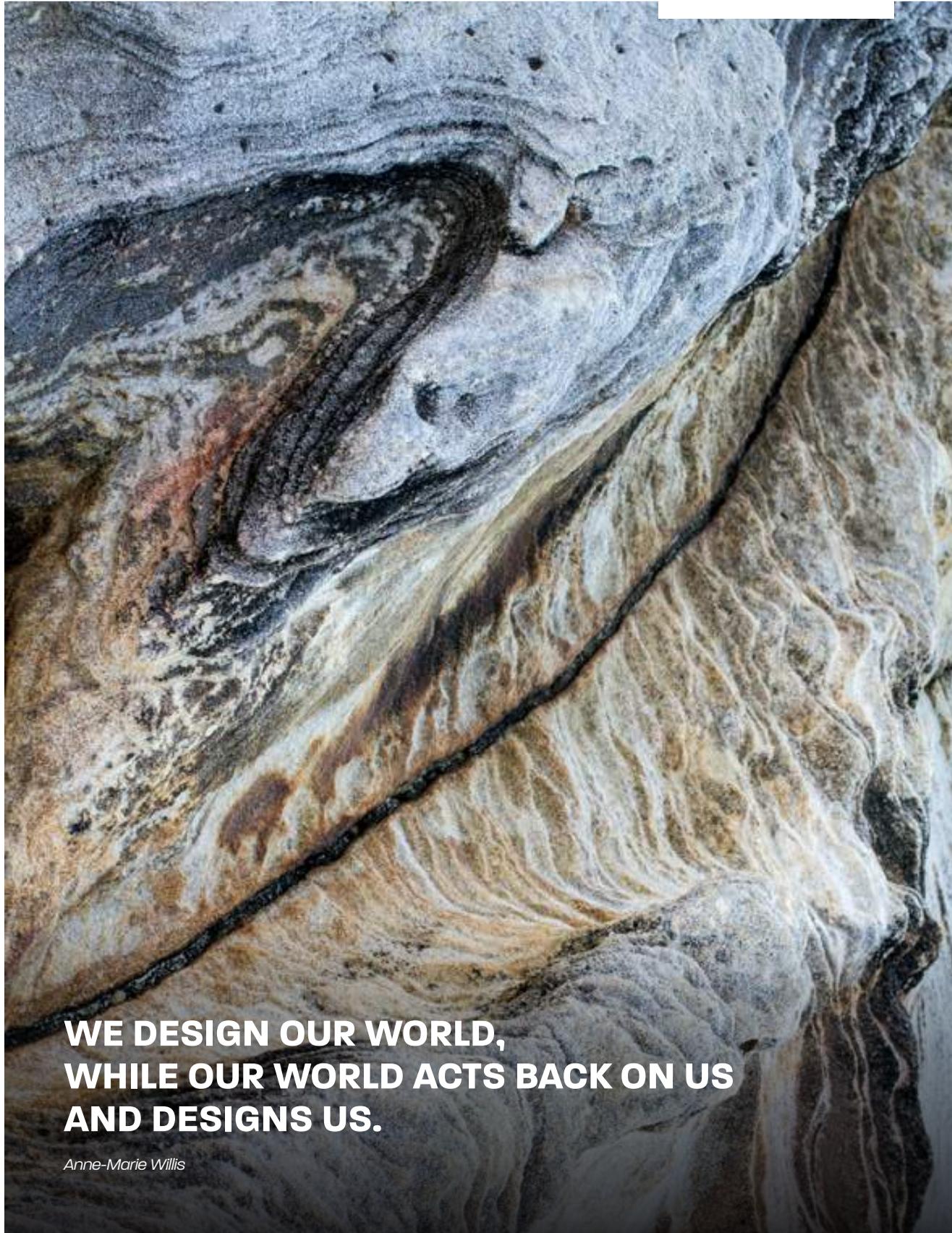
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Industries Served

 Defense	 Aerospace	 Medical
 Automotive	 Agricultural	 Marine
 Construction	 Mechanical Engineering	 Oil & Gas
 Electronics	 Home Appliances	 Mining

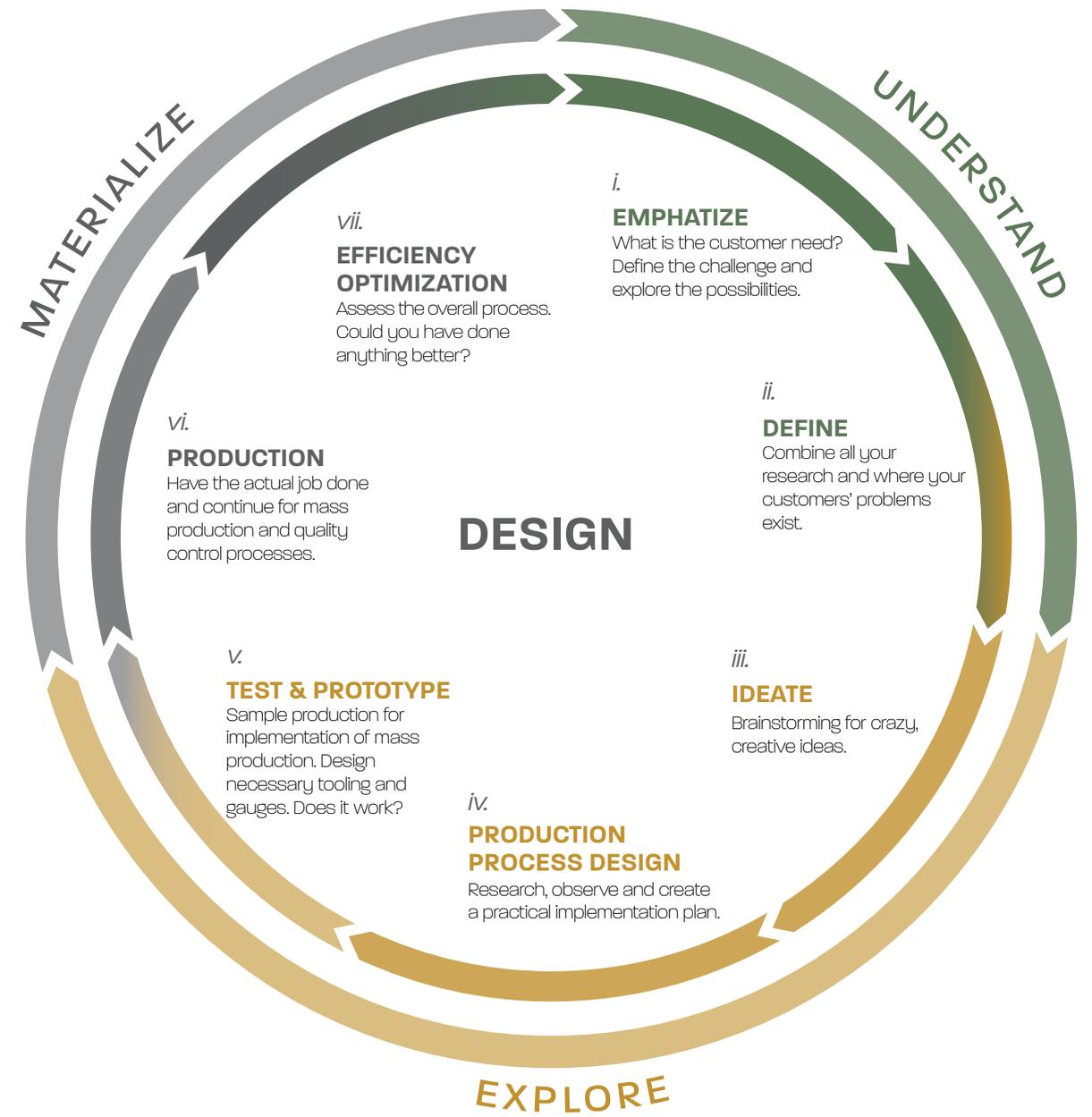


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**WE DESIGN OUR WORLD,  
WHILE OUR WORLD ACTS BACK ON US  
AND DESIGNS US.**

Anne-Marie Willis



*i.*  
**EMPHATIZE**  
What is the customer need?  
Define the challenge and  
explore the possibilities.

*ii.*  
**DEFINE**  
Combine all your  
research and where your  
customers' problems  
exist.

*iii.*  
**IDEATE**  
Brainstorming for crazy,  
creative ideas.

*iv.*  
**PRODUCTION  
PROCESS DESIGN**  
Research, observe and create  
a practical implementation plan.

*v.*  
**TEST & PROTOTYPE**  
Sample production for  
implementation of mass  
production. Design  
necessary tooling and  
gauges. Does it work?

*vi.*  
**PRODUCTION**  
Have the actual job done  
and continue for mass  
production and quality  
control processes.

*vii.*  
**EFFICIENCY  
OPTIMIZATION**  
Assess the overall process.  
Could you have done  
anything better?

**DESIGN**

**MATERIALIZE**

**UNDERSTAND**

**EXPLORE**

## Engineering “A reason for doing”

engineering\* (*noun*)

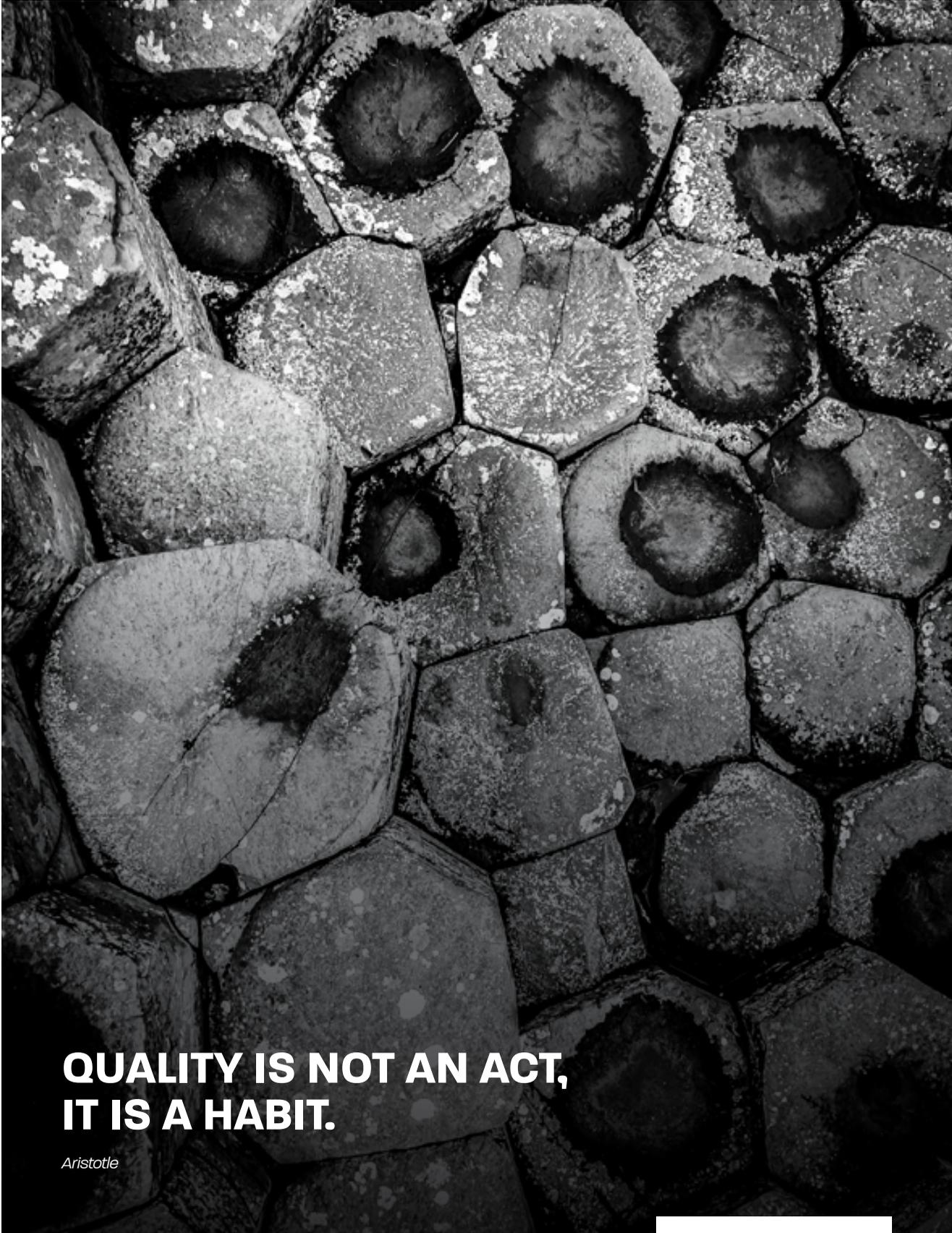
the application of science to the optimum conversion of the resources of nature to the uses of humankind.

The words engine and ingenious are derived from the same Latin root, *ingenerate*, which means “to create.” In ancient times of Rome where the economy was solely dependent on military deployment and engineering was a military act of design to create engines of war such as catapults, floating bridges, assault towers.

At Kurutlu Technologies, we define engineering, as “doing”. And in order to maintain the best of doing, we always keep a good track of the proceedings, thanks to our fully customized, up-to-date resource management software, to optimize the resource allocation. We know that the redundant use of any resources would be a harm to all.

\*<https://www.britannica.com/technology/engineering>





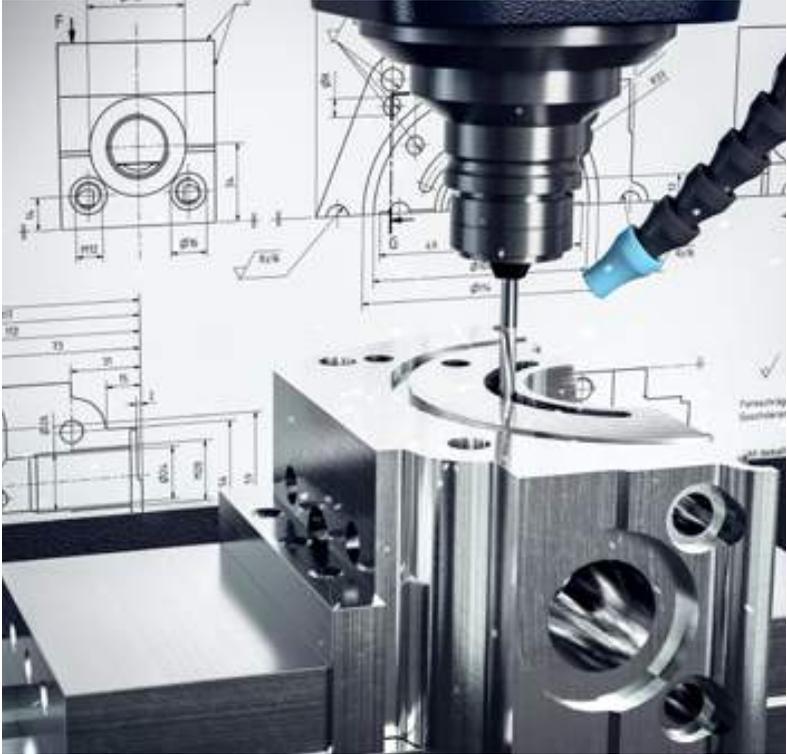
**QUALITY IS NOT AN ACT,  
IT IS A HABIT.**

*Aristotle*

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## Quality

The most crucial element of the whole process is quality. Starting with its planning, all elements of Quality Assurance and Quality Control, are being implemented through all of the proceedings, where Continuous Improvement is being a goal to achieve.



## Manufacturing

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From the design phase on word, the prototypes of the manufactured products are controlled and tested in order to meet the high customer demands as well as to sustain defect-free manufacturing.

**MANUFACTURING IS MORE THAN JUST PUTTING PARTS TOGETHER. IT'S COMING UP WITH IDEAS, TESTING PRINCIPLES AND PERFECTING THE ENGINEERING, AS WELL AS FINAL ASSEMBLY.**

*James Dyson*

## Milling

3-Axis, 4-Axis, 5-Axis milling capacity up to 1200x600 mm in length. Get your complex milling parts produced at our factory on our 3-Axis and 4-Axis machining centers. Profit from our extensive expertise in precision CNC Milling.

## Turning

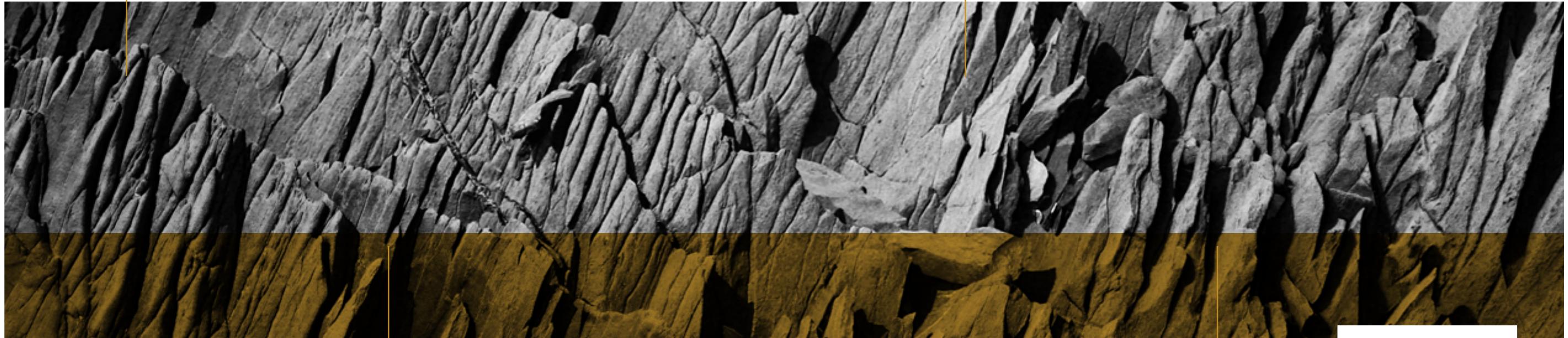
High-quality, cost-effective turned components with a turning capacity from  $\varnothing < 1$  mm up to  $\varnothing 400$  mm. The precision CNC Turning on high-end machining centers is our core competence.

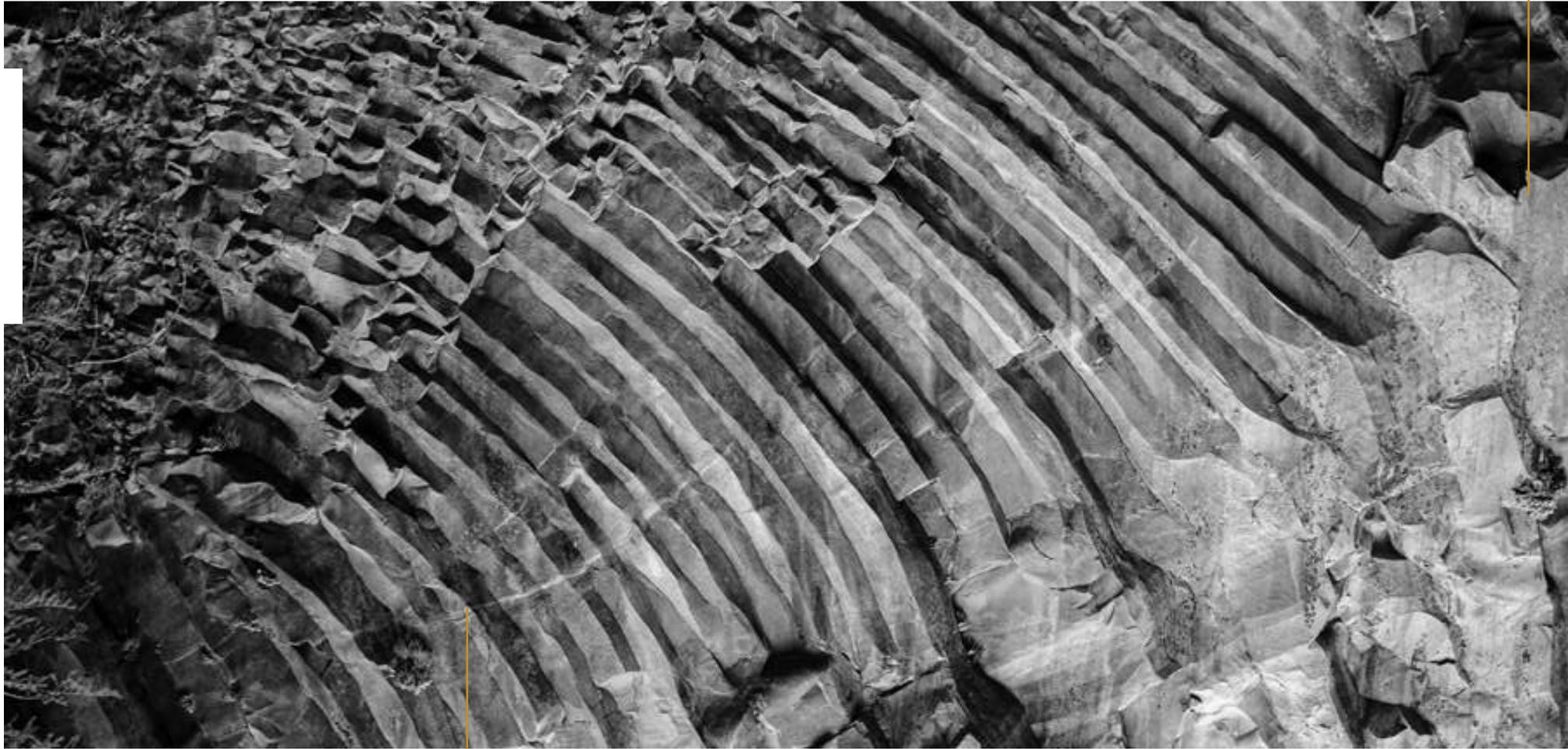
## Sampling

Prototype Manufacturing  
At Kurutlu Technologies we offer prototyping services by producing single item CNC or 3D Plastic model prototypes for mass production.

## Traceability

In order to maintain the highest quality standards and rectify any quality-related problems immediately, Kurutlu Technologies follows traceability procedures and systems and is able to access instant information throughout the whole process.





## Finishing



Anodising



Heat Treatment



Powder Coating



Polishing



Laser Engraving

Zn

Zinc Coating



Satin Finish



Sandblasting

## Assembly

In order to ease your process by eliminating non-value-added activities, we offer sub and complete assembly operations.





## Reliability

Considering that the product's on-time delivery is a complementary component for any of customers' requirements, Kurutlu Technologies stands as a perfect partner for your expectations.

We supply goods as they have been defined and on time as promised. We are there where you wish us to be.

**SIMPLICITY IS  
PREREQUISITE  
FOR RELIABILITY.**

*Edsger Dijkstra*



## Sustainability

We are fully aware that we only have the Earth to live on, and we need to use its exhaustible resources rationally. Therefore, we take sustainability with a holistic approach from manufacturing to logistics, to minimize the waste and maximize recycling.

[www.kurutlu.com](http://www.kurutlu.com)

