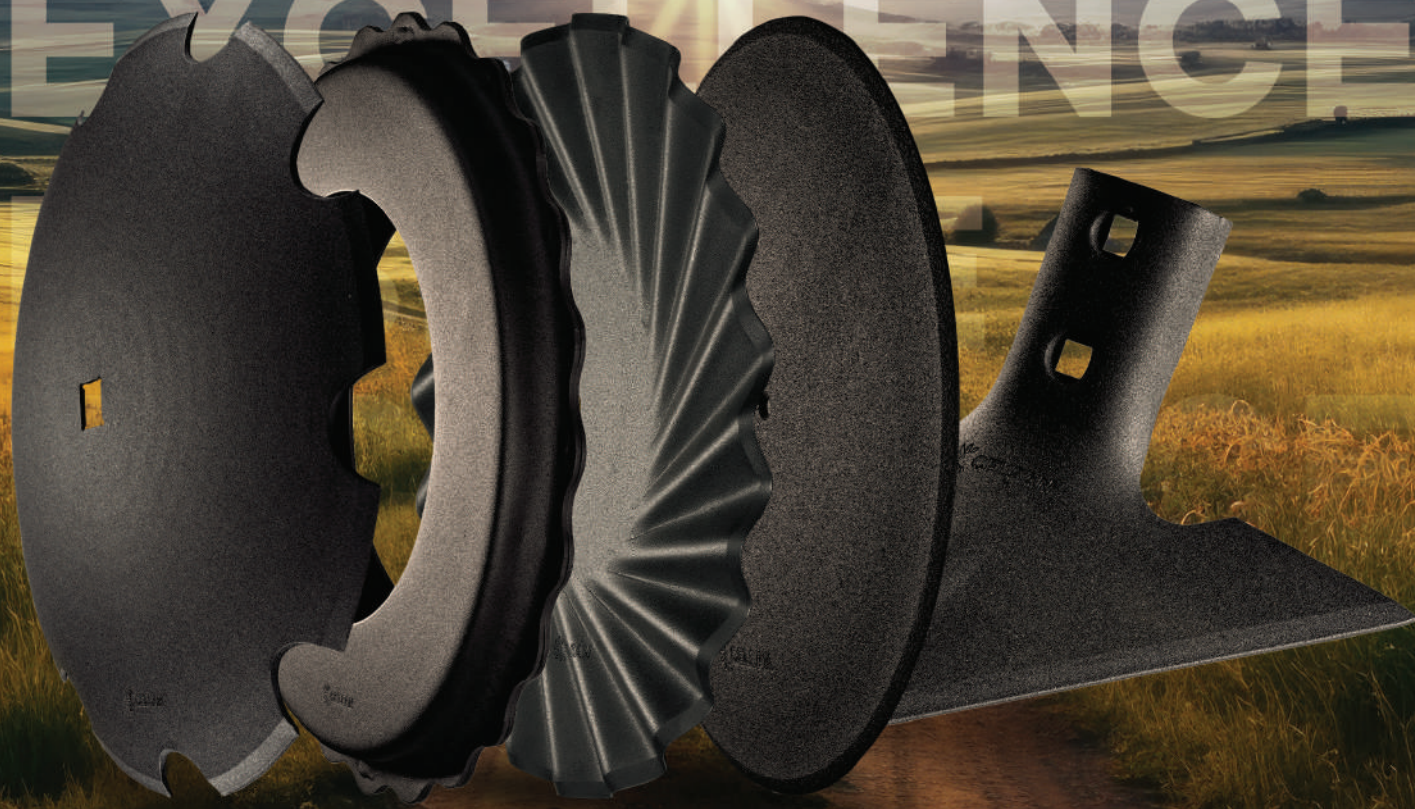


RESHAPE  
EXCELLENCE  
RESHAPE  
EXCELLENCE



SINCE  
1965

 CELSAN



# ÇELSAN AGRICULTURAL MACHINERY COMPONENTS STRUCTURES AND FUNCTIONS



## RESHAPE EXCELLENCE

*Throughout history, humanity has shaped soil and stone to sustain its journey toward civilization through agriculture. Today, Çelsan stands as a modern part of this timeless effort, leading the field of agricultural machinery components by delivering cutting-edge technology.*

Established in 1965 in Manisa, Çelsan continues to shape both the legacy of the past and the needs of the future under the philosophy of "Reshape Excellence." Our focus on quality, innovation, and customer satisfaction drives us to set new industry standards by striving for excellence at every stage. With over 4,000 alternatives, discs, cultivators, packer rollers, and other agricultural machinery components are manufactured to precisely meet a wide range of needs, tailored to your specific requirements. With a production capacity of over 4,000,000 pieces per year and a workforce of over 400 talented professionals, we are pleased to be a major player on the global arena.

What began as a small workshop has grown into a success story, now operating from two production facilities: our headquarters at Manisa OSB and an additional site at Muradiye OSB, totaling 31,000 m<sup>2</sup> of indoor manufacturing space. Today, we export to 75 countries and serve more than 500 clients globally.

Every day, we at Çelsan continue to elevate the standards in the agricultural machinery components industry with our vision of reshaping the present and future.

At Çelsan, our vision of reshaping the present and future drives us to set new standards in the agricultural machinery components industry every day.

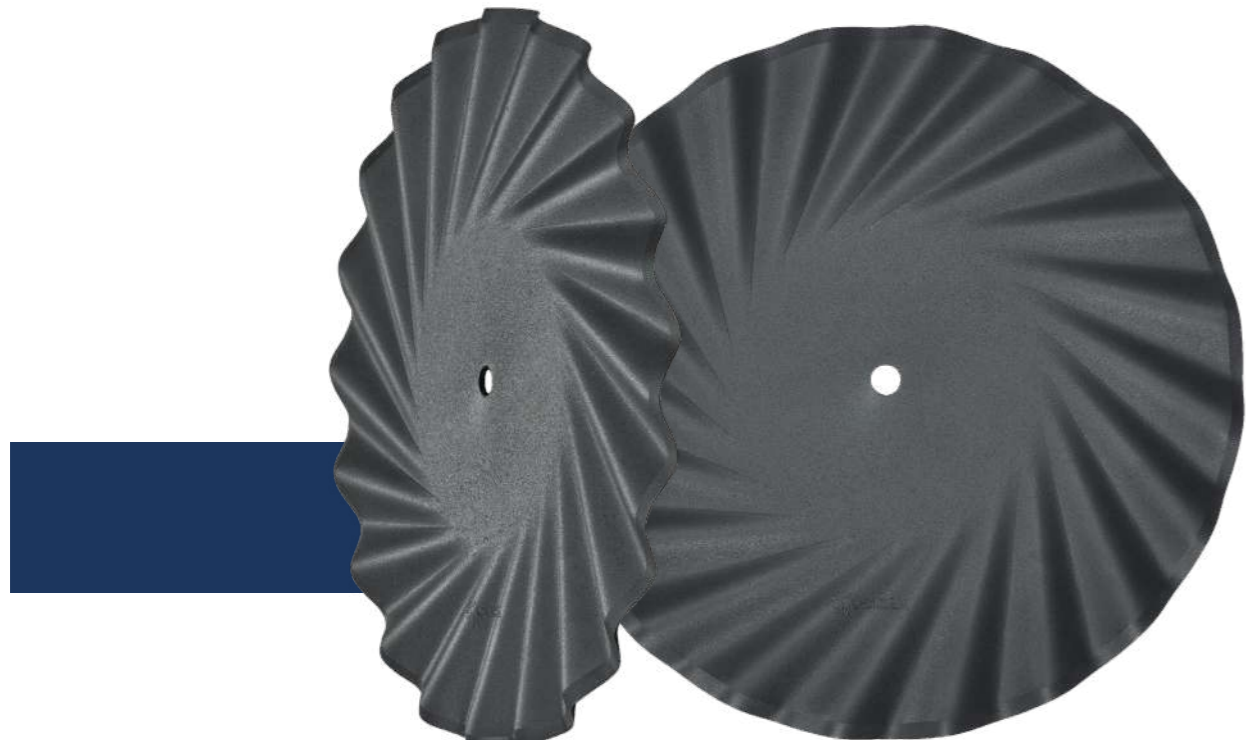


## Harrow Discs: Bringing Breath to the Soil

Çelsan Harrow Discs gently lift the soil, allowing for natural aeration. This process enhances the penetration of oxygen and water, essential for plant roots. Available in both notched and smooth designs, these discs effectively manage crop debris and suppress unwanted vegetation, creating an optimal seedbed without disturbing the soil's structure. The concave shape of Çelsan Harrow Discs ensures consistent performance across the field, enhancing water retention and optimizing field management. Designed for durability and high performance, they deliver long-lasting use under any conditions.



For Detailed Information  
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## Coulter Discs: Preparing the Soil for Planting

Çelsan Coulter Discs make vertical cuts in the soil, creating a smoother seed placement and coverage. Their sharp, wavy design helps shape the soil while minimizing plant residues. These discs are particularly effective when the soil needs minimal disturbance, allowing water and nutrients to penetrate better by delicately slicing and breaking up the soil. By making precise, consistent cuts in the soil before planting, they ensure seamless compatibility with seeding machines, preserving the natural soil structure, and enhancing post-planting productivity.



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## Packer Rollers: Leveling and Conditioning the Soil

The Packer Roller functions like a compactor, preparing the soil for planting by flattening and breaking up clods left behind by harrow discs and cultivators, resulting in a smooth and uniform soil structure. This process improves moisture retention and supports faster, stronger seed germination while also providing a well-prepared seedbed that ensures easier planting and promotes healthy root development.



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## Cultivators: Enhancing Soil Productivity

Çelsan Cultivators are efficient soil preparation tools designed to boost agricultural productivity. Their durable and sharp blades penetrate the soil at optimal depths, uprooting roots, loosening it, and breaking up clods. Suitable for both pre- and post-planting use, they help clear plant residues and aerate the soil. Even under challenging soil conditions, Çelsan Cultivators deliver long-lasting, high-performance operation, enhancing agricultural productivity and labor efficiency.



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## RESHAPING QUALITY

Each of our agricultural machinery components goes through carefully designed, multi-step quality checks to ensure top performance. We use durable boron steel, tested thoroughly at every stage. From raw materials to final products, we uphold the highest quality standards throughout the production process.

### Quality Control Processes:



Charpy  
Impact Test



Microstructural  
Analysis



Hardness  
Test



Spectrometer  
Analysis



Flatness  
Test



3D Scanning  
Measurements

## ÇELSAN - RESHAPE EXCELLENCE



### Over 4,000 Products in 75 Countries Worldwide

We maintain our leadership in the agricultural sector by producing high-quality products through various quality control stages and using robotic production lines.



### Customized Solutions, Rapid, and Flexible Production

With over 400 employees and flexible manufacturing methods, we swiftly deliver the best solutions to match your needs, ensuring our position as the industry's fastest supplier.



### Using Advanced Technology for Soil Solutions

Our cutting-edge automation technologies and state-of-the-art production infrastructure allow us to provide the most efficient and tailored solutions to meet your specific needs.



### Expand Your Capabilities with Limitless Options

Boost your agricultural efficiency with our durable, high-quality, and wide product range.



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