



Let's go in full sail!



**OLGUNCELIK**

Leading Spring Technology

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# R&D

## R&D

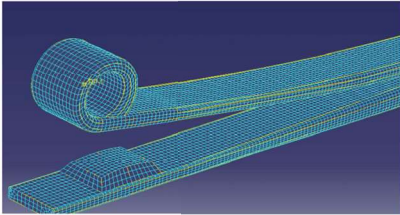
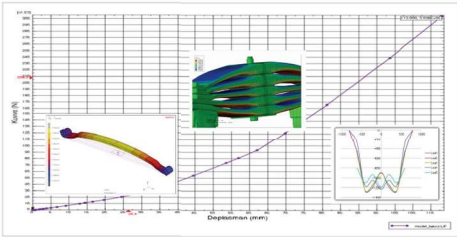
The OlgunCelik Product Development Department has been recognized by the Turkish Ministry of Industry and Trade as R&D centre since June 18, 2010, and has an innovative and experienced team comprising over 50 engineers and technicians.



We are taking big steps for our sector

With working experience at "Full Service Supplier" level, OlgunCelik undertakes critical responsibilities in vehicle projects as the design and strategic partner of global vehicle manufacturers. OlgunCelik R&D team has the expertise to participate in suspension development projects, and as a trusted partner, it is fully integrated into clients' product development processes and work together with OEM engineers.

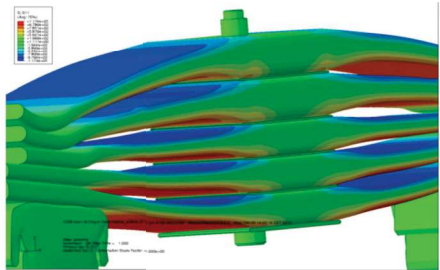
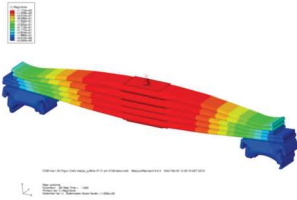
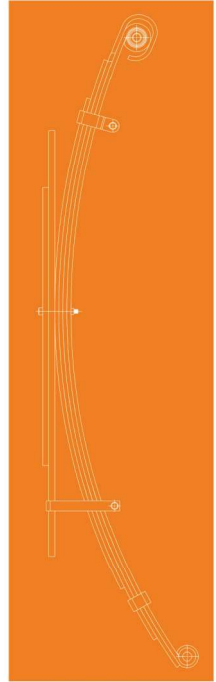
R&D centre is continuously developing new methods to reduce the time required to develop optimum design and uses well-known finite elements software to achieve this.

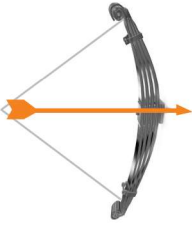


# R&D

OlgunCelik believes in the benefits of cooperation with universities and taking full advantage of Turkish Ministry of Industry and Trade's support for R&D projects, it carries out applied research and design work on finite elements. Additionally, it carries out its innovative R&D projects with the support of the well-known academic consultants by sponsoring the post-graduate theses of its R&D team members.

The company also develops robust leaf spring design methods by using CAE tools. By correlating the theoretical results with real life, it takes into account the effects of variation in production and material parameters and achieves more precise correlation. OlgunCelik sees the results of its R&D efforts through regular patent application submissions and publishes articles at the most prestigious international conferences.

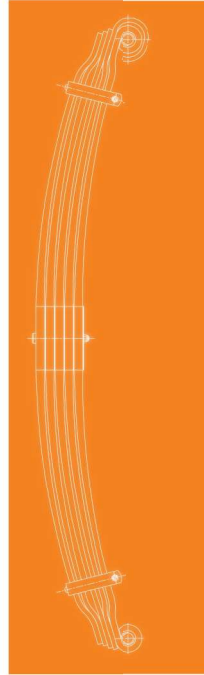




## Quality

OlgunCelik is a powerful brand in the competitive global market with its modern facilities, experienced work force and technical knowledge.

OlgunCelik holds the Daimler Category A, Ford Q1, TS EN ISO 9001, TS EN 14001, ISO/ TS 16949 and OHSAS 18001 certificates, which are the highest production and quality control standards in the leaf spring industry.



We are beyond our targets

Quality



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# Responsibility

## Respect for Nature

OlgunCelik considers the protection of the environment and their employees from the possible effects of all their operations as one of its primary duties, and carries out production by respecting the nature.

In addition to the environmental international standards it has, OlgunCelik continuously works for new methods with the support of international funds to ensure the efficiency, environment friendly utilization of natural resources and energy



## Respect for nature and human



## Respect for Human

Occupational health and safety of all our employees is Olguncelik's primary concern.

OlgunCelik sees each of its employees as an asset and actively develop strategies and policies to help them improve themselves and the quality of their work continuously. Human Resources department; produces long-term HR strategies to ensure that all these efforts support the

realization of the mission and the vision of the company

As a responsible corporate citizen, OlgunCelik directly contributes to aid programs in partnership with educational institutions in its region and encourages its employees to actively participate in social responsibility projects.



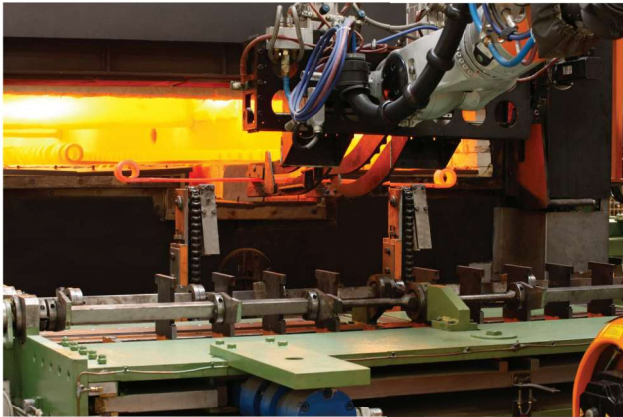
# Products

## Products

OlgunCelik's product portfolio features all kinds of spring used in light, medium and heavy commercial vehicles, including



High technology and quality





# Products

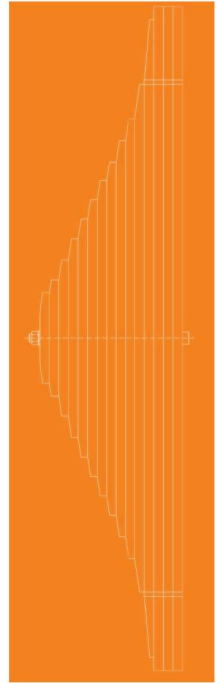
Parabolic Leaf Spring

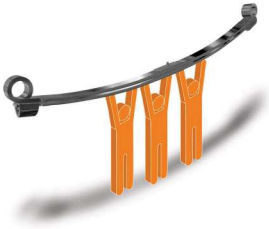


Conventional Leaf Spring



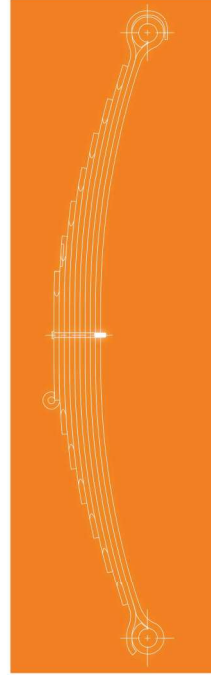
Air Linkers





## Lean Organization

OlgunCelik signed a long-term contract at the start of 2010 with Lean Enterprise Institute, an international consulting and training organization. Regular "lean organization" trainings are provided to employees at every level, from top-tier management to blue-collar workers. As a result of this program, the most important "customer values" are identified with Lean Enterprise experts and OlgunCelik's own "Value Streams" have been established that is going to satisfy "customer values", eliminate waste and improve productivity.



## Lean Organization System

Efficiency

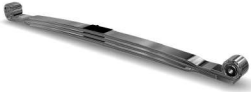




8

# Efficiency

OlgunCelik calls the fundamental values that have to be part of its organization. Quality, Reliability, Responsive Customer service, Just-in time delivery and wide product portfolio as its DNA. It continuously develops new strategies to improve its own awareness and strengthen its DNA. OlgunCelik always bases its actions after considering the following questions "What do our clients expect from an automotive industry supplier?", "How can we differentiate OlgunCelik from our competitors for the benefit of our customers" and "Why OlgunCelik?".



## DNA of Olguncelik

- **Quality**
  - Producing the best quality leaf springs.
  - Continuous development through lean production.
- **Reliability**
  - Powerful control on supplier chain.
  - Total quality approach in production.
- **Responsive Customer Service**
  - 24-hour service through the contact person assigned for the clients.
  - Engaging design projects at the most competitive speed.
- **"Just in Time" delivery**
  - Using approved alternative raw material sources to keep continuity of the production and cost competitiveness
- **Wide product portfolio**
  - Parabolic and conventional leaf springs and air linkers



# Location



Correct location, correct choice

## Izmir: The capital of history and culture for 8,500 years!

Preserving its mission successfully in being a trade culture for thousands of years, Izmir has the 2nd largest port of Turkey. Enhancing its trade potential with private ports increasing day by day, Izmir is one of the biggest logistic advantages of Olguncelik

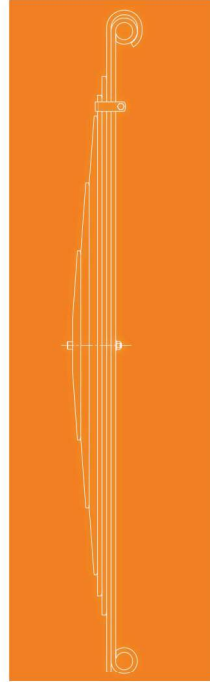




# Logistics

## Logistics and Shipping

- Shipping from the railway logistics centre which is located on the borderline of Olguncelik factory
- Overseas shipping from Izmir Port which is only 45 minutes away
- "Just in time" shipping capability for all Global OEM clients all around the world





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