

SOYDAGROUP



SRR®

Chassis and steering systems

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STRONG MATE

OF ROUGH CONDITIONS
Zorlu Şartların Güçlü Dostu



ANYTHING WE DO IS SOLID



ANYTHING
WE
DO
IS | **SOLID**

Chassis and steering systems - Şasi ve direksiyon sistemleri

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Please don't forget to visit our website



ANYTHING WE DO IS SOLID

Our company was established in Konya in 1986 by our founder Soyda SÜRER under the name SOYDA OTOMOTİV and has reached the experience, knowledge and technological power to work with world giants today.

Our adventure, which started its production with hot and cold forging technique, with ball joint, tie rod end, tie rod, z rod, ball joint, has become able to produce many parts of commercial vehicles today and continues by adding new products and product groups to its production portfolio every year.

Today, Soyda Automotive manufactures in different locations with its modern facility spread over an area of 12.000 m2, its employees, wide and technological machinery and produces the products that the automotive industry needs.

Our company has become a brand that provides stability in quality by incorporating the processes of all products, starting from the design and R & D department.

Our company has created the SRR brand for sales and distribution of its products in domestic and international markets since 1986.

SOYDA OTOMOTİV undertakes to produce quality and reliable products, to keep customer requests and expectations at the highest level, to continuously improve the quality management system, to increase its market share and competitive power and to be a leading company in its sector.

Our goal is to be a leading company in the sector and to be indispensable for OEM companies with the SRR brand.


SOYDA SÜRER
YÖNETİM KURULU BAŞKANI

46
Years of
Experience



100%
Indoor Production



12,000 m2
Production Area



15,000,00+
Product Range



4KITA
Export To 68 Countries



880kw
Solar Energy

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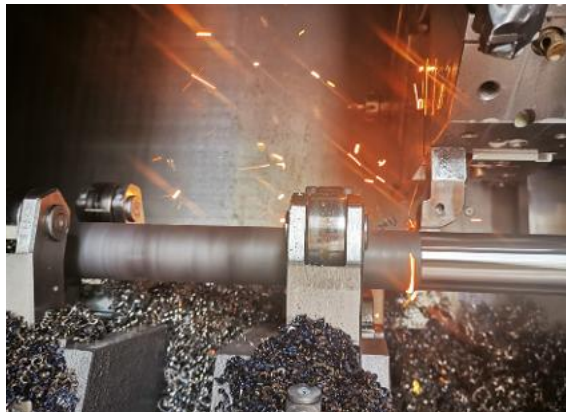




HOT FORGING

Hot forging is the most widely used forging process. In the hot forging process, forging is carried out at a temperature above the recrystallization temperature of the metal, that is, at the temperature at which new particles are formed in the metal. The advantages of hot forging are high strain rates and thus easy flow of metal, recrystallization and recovery possible, less forces required.

As Soyda Automotive, we carry out all the mold design and manufacturing required for the forging process in-house. Our hot forging machine park;



PROCESSING

Using the latest technology CNC machining centers, our machining department has made it its mission to produce the highest quality products for our customers around the world. We actively use ERP programs in manufacturing so that production is smooth and full-time.

We use systems that increase efficiency in the production line. We are constantly integrating new systems for faster and higher quality production. We use technological machining fixtures and cutting tools in machining.

In our machining park, the latest innovations of cutting edge technology are used, and we are working on the most efficient, fastest and highest quality machining forms with a young, dynamic and innovative team within the scope of the "KAIZEN" principle.

Our machine park consists of state-of-the-art CNC vertical machining benches, CNC lathes (automatic loading) benches, Cylindrical grinding, Thread tapping machine, rubbing machines and multi-station special centering and drilling machines. We are doing machining works with production methods.



COLD FORGING

Cold forging or cold forming is a plastic forming method in which the workpiece plastically deforms and compresses a piece of raw material in a punch and mold...

Cold forging, also known as cold forming, is a metal-forming process in which raw material is plastically deformed between a punch and die at or near room temperature.

As Soyda Automotive, we carry out all the mold design and manufacturing required for the forging process in-house. Our cold forging machine park;



SPLINE COLD ROLLING

Spline shafts, unlike normal shafts, are shafts on which longitudinal teeth or grooves are formed at certain intervals along the shaft axis. Spline rolling is a high-precision process capable of achieving excellent surface quality, of 3-6 microns that can be achieved. It is best suited for long production runs or intermittent runs of various manufactured parts and is the fastest and most economical method of producing gear forms.

Using rolling dies on our spline rolling machine; many different types of grooves, oil grooves, worm gears, screws, knurls, teeth and similar forms can be formed individually or in combination or in combination in approximately 3-7 seconds

Thanks to this machine, "we give vitality to production, speed up our system and ensure customer satisfaction", which is in line with our group policy. Our spline threading machine;

Ex-Cell-O XK837 spline production machine



TOOL & DIE ROOM

SOYDA Automotive's mold manufacturing team, which consists of professional and experienced engineers and highly skilled technicians, uses the advantages of CNC and traditional machine tools to meet the high precision mold needs of the products produced. After all molds, dies and production fixtures are designed by our R&D department using CAD/CAM software, the designs are transferred to our CNC machining centers for manufacturing. with computer aided design (CAD / CAM) by the R&D department, we transfer them to CNC vertical machining centers and produce them on benches. In order to optimize the molds with forging design, we provide simulations and controls in order to prevent errors that may occur during production before starting production. Since the mold production team of SOYDA Automotive determines the quality of the part and the forging mold quality, we use advanced quality control techniques at every stage of production.



R&D

At SOYDA Automotive, our objective is to manufacture products to the highest quality standards. In order to achieve this, we use advanced technology from the design stage to shipment and work with expert personnel.

In order to use advanced technologies, We maintain strong relationships with universities, CNC machine manufacturers, forging press manufacturers and heat treatment specialists. CNC machine manufacturers, forging press machine manufacturers and heat treatment manufacturers.

SOYDA Automotive; We work with a large team of engineers and technical personnel who can use advanced computer software (SolidWorks, MasterCam, EspritCam, Auton Cam, etc.) to produce design, analyze, prototype and manufacture products, while adhering to the customer's specifications.

Wherever there is a need, SOYDA Automotive develops product designs with engineering methods to provide accurate results in the most economical and fast way, by making use of its high level and advanced technology and over three decades of manufacturing experience in the production of rods, ball joints, axles and shafts.



ASSEMBLY

Assembly and production line systems are industrial systems that allow different processes to be performed automatically in the production process. These systems can be used at every stage from production, assembly and packaging. Assembly and production line systems automate processes, reducing labor costs and increasing production efficiency. Automating the line, increasing the consistency and quality of products. To reduce the error rate in the production process by minimizing human errors. Assembly and production lines allow products to be produced more quickly. When transactions are performed automatically, they happen Automated operations can be performed faster and more consistently than manual processes.



QUALITY

"Quality Comes from SOYDA." Our philosophy is to build quality into every stage of production rather than relying solely on inspection or rework. Quality, which is a product of our continuous development and scientific studies, is always our most important criterion for all the products we make in line with our quality philosophy.

Our Quality Assurance team focuses on inputs and parameters, aware that they are met during production based on high quality expectations. In order to meet customer expectations in automotive parts, components and special processes, we use SOYDA Automotive's advanced quality-control laboratory and measurement equipment by calibrating them to international standards.

As Soyda Automotive, we continue to be a pioneer and leader in the tie rod, ball joint, shaft and axle products business.

Soyda Automotive will be the leader in the market by following and rapidly developing technological innovations, making sensitive and flexible decisions, and fulfilling ISO 9001 Quality Management System requirements.

We aim to keep customer satisfaction at the highest level with the feedback mechanism extending from material input quality control to process control and customer. In our laboratories equipped with advanced testing and material inspection facilities, we can perform microstructural and macrostructural analysis, hardness testing, surface roughness, and dimensional inspection using CM equipment. We carry out quality process audits and internal supplier audits.



Explore our
part solution
areas

01 Commercial Vehicles



02 Agricultural Vehicles



03 Construction Vehicles

04 Special Vehicles



05 Forged and Machined Parts





BALL JOINT

- Anti-Corrosion Packaging
- Abrasion-resistant design
- Torque control
- High-Durability Dust Cover



TIE ROD END

- Anti-Corrosion Packaging
- Abrasion-resistant design
- Torque control
- High-Durability Dust Cover
- Precision Steel Insert and Spring
- Hot forging
- Heat treatment
- Induction Hardening
- Form tapping



BALL JOINT

- Anti-Corrosion Packaging
- Abrasion-resistant design
- Torque control
- High-Durability Dust Cover
- Precision Steel Insert and Spring
- Hot forging
- Heat treatment
- Induction Hardening



TORQUE ROD

- Anti-Corrosion Packaging
- Abrasion-resistant design
- Torque control
- High-Durability Dust Cover
- Precision Steel Insert and Spring
- Hot forging
- Heat treatment
- Induction Hardening



ROD END COMPLETE

- Anti-Corrosion Packaging
- Abrasion-resistant design
- Torque control
- High-Durability Dust Cover
- Precision Steel Insert and Spring
- Hot forging
- Cold forming
- Heat treatment
- Induction Hardening
- Form tapping



TIE ROD END OUTER

- Anti-Corrosion Packaging
- Abrasion-resistant design
- Torque control
- High-Durability Dust Cover
- Precision Steel Insert and Spring
- Hot forging
- Heat treatment
- Induction Hardening



ROD END COMPLETE

- Anti-Corrosion Packaging
- Abrasion-resistant design
- Torque control
- High-Durability Dust Cover
- Precision Steel Insert and Spring
- Hot forging
- Cold forming
- Heat treatment
- Induction Hardening
- Precision Bushing
- Form tapping



DRAG LINK

- Anti-Corrosion Packaging
- Abrasion-resistant design
- Torque control
- High-Durability Dust Cover
- Precision Steel Insert and Spring
- Hot forging
- Cold forming
- Heat treatment
- Induction Hardening



BALL JOINT WITH BEARING

-  Anti-Corrosion Packaging
-  Abrasion-resistant design
-  Torque control
-  High-Durability Dust Cover
-  Precision Steel Insert and Spring
-  Hot forging
-  Cold forming
-  Heat treatment
-  Induction Hardening
-  precision & accurate bearing



TIE ROD END

-  Anti-Corrosion Packaging
-  Abrasion-resistant design
-  Torque control
-  High-Durability Dust Cover
-  Precision Steel Insert and Spring
-  Hot forging
-  Cold forming
-  Heat treatment
-  Induction Hardening



INNER TIE ROD END WITH NUT AND BOLT

-  Anti-Corrosion Packaging
-  Abrasion-resistant design
-  Torque control
-  High-Durability Dust Cover
-  Precision Steel Insert and Spring
-  Hot forging
-  Heat treatment
-  Induction Hardening



TIE ROD END

-  Anti-Corrosion Packaging
-  Abrasion-resistant design
-  Torque control
-  High-Durability Dust Cover
-  Precision Steel Insert and Spring
-  Hot forging
-  Heat treatment
-  Induction Hardening



ROD END COMPLETE

-  Anti-Corrosion Packaging
-  Abrasion-resistant design
-  Torque control
-  High-Durability Dust Cover
-  Precision Steel Insert and Spring
-  Hot forging
-  Cold forming
-  Heat treatment
-  Induction Hardening
-  Form tapping



T ROD

-  Anti-Corrosion Packaging
-  Abrasion-resistant design
-  Torque control
-  High-Durability Dust Cover
-  Precision Steel Insert and Spring
-  Hot forging
-  Heat treatment
-  Induction Hardening



AXIAL JOINT

-  Anti-Corrosion Packaging
-  Abrasion-resistant design
-  Torque control
-  High-Durability Dust Cover
-  Precision Steel Insert and Spring
-  Hot forging
-  Cold forming
-  Heat treatment
-  Form tapping
-  Thread protection cover



ROD END STEERING WITH CLAMP

-  Anti-Corrosion Packaging
-  Abrasion-resistant design
-  Torque control
-  High-Durability Dust Cover
-  Precision Steel Insert and Spring
-  Hot forging
-  Cold forming
-  Heat treatment
-  Induction Hardening
-  Form tapping
-  Steel Pipe



UNIVERSAL DRIVE SHAFT

- Cold-Rolled Spline
- Precision bearing
- Fully Hot-Forged
- Anti corrosion packing
- Precision machining
- Heat treatment
- Induction Hardening
- High-Grade Raw Material
- Special Chemical Coating



UNIVERSAL JOINT

- Precision bearing
- Fully Hot-Forged
- Anti corrosion packing
- Precision machining
- Cold forming
- High-Grade Raw Material



LONG AXLE

- Cold-Rolled Spline
- Precision bearing
- Fully Hot-Forged
- Anti corrosion packing
- Precision machining
- Heat treatment
- Induction Hardening
- High-Grade Raw Material



SHORT AXLE

- Cold-Rolled Spline
- Precision bearing
- Fully Hot-Forged
- Anti corrosion packing
- Precision machining
- Heat treatment
- Induction Hardening
- High-Grade Raw Material



AXLE

- Cold-Rolled Spline
- Precision bearing
- Fully Hot-Forged
- Anti corrosion packing
- Precision machining
- Heat treatment
- Induction Hardening
- High-Grade Raw Material



H YOKE

- Fully Hot-Forged
- Anti corrosion packing
- Precision machining
- High-Grade Raw Material



YOKE

- Tamamı Sıcak Dövme
- Anti-Corrosion Packaging
- Precision Machining
- Heat Treatment
- High-Grade Steel



DOUBLE JOINT FOR TRUCK

- Cold-Rolled Spline
- Precision bearing
- Fully Hot-Forged
- Anti corrosion packing
- Precision machining
- Heat treatment
- Induction Hardening
- High-Grade Raw Material



DOUBLE JOINT FOR TRACTOR

- Cold-Rolled Spline
- Precision bearing
- Fully Hot-Forged
- Anti corrosion packing
- Precision machining
- Heat treatment
- Induction Hardening
- High-Grade Raw Material



DOUBLE JOINT FOR HEAVY DUTY

- Cold-Rolled Spline
- Precision bearing
- Fully Hot-Forged
- Anti corrosion packing
- Precision machining
- Heat treatment
- Induction Hardening
- High-Grade Raw Material



DOUBLE JOINT FOR 4WD

- Cold-Rolled Spline
- Precision bearing
- Fully Hot-Forged
- Anti corrosion packing
- Precision machining
- Heat treatment
- Induction Hardening
- High-Grade Raw Material



KNIFE ROD

- Anti-Corrosion Packaging
- Abrasion-resistant design
- Torque control
- High-Durability Dust Cover
- Precision Steel Insert and Spring
- Hot forging
- Heat treatment
- Induction Hardening
- Form tapping



COLD FORMING



HOT FORGING



HYDRAULIC CYLINDER



RUBBER PARTS



Automotive fairs held every year bring together leading brands, innovative products and promising technologies in the industry. As SOYDA AUTOMOTIVE, we have the opportunity to meet with our customers and business partners by exhibiting our latest products and technologies at these fairs. In addition, thanks to fairs, we establish relationships with other stakeholders in the sector, develop collaborations and share best practices in the sector.



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