

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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Chassis and steering systems - Şasi ve direksiyon sistemleri

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ANYTHING SOLID

WE
DO
IS

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



12000 m2
Production Area



1500000+
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;



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 at room temperature and takes the form of the molds.

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



MOLD ROOM

SOYDA Automotive 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 the designs of all molds and apparatus used in production are designed 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.



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 faster than human transactions.



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.



SPLINE COLD ROLLING

Spline shafts, unlike normal shafts, are shafts on which channels are opened at certain intervals along the shaft axis. Spline gear is a very sensitive operation with a 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 tooth combs on spline rubbing machine; many different types of grooves, oil grooves, worm gears, screws, knurls, teeth and similar forms can be drilled individually or in combination in just about 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-0 XK837 spline production machine



AR-GE

The aim of our company, SOYDA Automotive, is to produce the highest quality production. 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 establish strong relationships with SOYDA Automotive, Universities, 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 designs, analyzes, prototypes, design 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 nearly 33 years of experience in the production of rods, ball joints, axles and shafts.



QUALITY

Quality comes from SOYDAN" Our motto is "not to produce, control or repair quality". Quality, which is a product of our continuous development and scientific studies, is always our most important criteria for all the products we make with our password.

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 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 Management systems standards.

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 micro and macro structure analysis, hardness test, surface roughness, and dimensional controls with CMM bench. We carry out quality process audits and internal supplier audits.



**Explore our
part solution
areas**

**01 Commercial
Vehicles**



**04 Special
Vehicles**

**03 Constructions
Vehicles**







**02 Agricultural
Vehicles**



**05 Forged and
Machined Parts**












BALL JOINT

-  Anti-Corrosion packing
-  Abrasion-resistant design
-  Torque control
-  Highly resistant dust cover against dust and external factors











TIE ROD END

-  Anti-Corrosion packing
-  Abrasion-resistant design
-  Torque control
-  Highly resistant dust cover against dust and external factors
-  Steel inserts with precision spring
-  Hot forging
-  Heat treatment
-  Induction
-  Form tapping











BALL JOINT

-  Anti-Corrosion packing
-  Abrasion-resistant design
-  Torque control
-  Highly resistant dust cover against dust and external factors
-  Steel inserts with precision spring
-  Hot forging
-  Heat treatment
-  Induction













TORQUE ROD

-  Anti-Corrosion packing
-  Abrasion-resistant design
-  Torque control
-  Highly resistant dust cover against dust and external factors
-  Steel inserts with precision spring
-  Hot forging
-  Heat treatment
-  Induction











ROD END COMPLETE

-  Anti-Corrosion packing
-  Abrasion-resistant design
-  Torque control
-  Highly resistant dust cover against dust and external factors
-  Steel inserts with precision spring
-  Hot forging
-  Cold forming
-  Heat treatment
-  Induction
-  Form tapping














TIE ROD END OUTER

-  Anti-Corrosion packing
-  Abrasion-resistant design
-  Torque control
-  Highly resistant dust cover against dust and external factors
-  Steel inserts with precision spring
-  Hot forging
-  Heat treatment
-  Induction












ROD END COMPLETE

-  Anti-Corrosion packing
-  Abrasion-resistant design
-  Torque control
-  Highly resistant dust cover against dust and external factors
-  Steel inserts with precision spring
-  Hot forging
-  Cold forming
-  Heat treatment
-  Induction
-  Precision & Accurate Bushing
-  Form tapping



DRAG LINK

-  Anti-Corrosion packing
-  Abrasion-resistant design
-  Torque control
-  Highly resistant dust cover against dust and external factors
-  Steel inserts with precision spring
-  Hot forging
-  Cold forming
-  Heat treatment
-  Induction



BALL JOINT WITH BEARING

- Anti-Corrosion packing
- Abrasion-resistant design
- Torque control
- Highly resistant dust cover against dust and external factors
- Steel inserts with precision spring
- Hot forging
- Cold forming
- Heat treatment
- Induction
- precision & accurate bearing



TIE ROD END

- Anti-Corrosion packing
- Abrasion-resistant design
- Torque control
- Highly resistant dust cover against dust and external factors
- Steel inserts with precision spring
- Hot forging
- Cold forming
- Heat treatment
- Induction



TIE ROD END INNER WITH NUT AND BOLT

- Anti-Corrosion packing
- Abrasion-resistant design
- Torque control
- Highly resistant dust cover against dust and external factors
- Steel inserts with precision spring
- Hot forging
- Heat treatment
- Induction



TIE ROD END

- Anti-Corrosion packing
- Abrasion-resistant design
- Torque control
- Highly resistant dust cover against dust and external factors
- Steel inserts with precision spring
- Hot forging
- Heat treatment
- Induction



STABILIZER LINK

- Anti-Corrosion packing
- Abrasion-resistant design
- Torque control
- Highly resistant dust cover against dust and external factors



AXIAL JOINT

- Anti-Corrosion packing
- Abrasion-resistant design
- Torque control
- Highly resistant dust cover against dust and external factors
- Steel inserts with precision spring
- Hot forging
- Cold forming
- Heat treatment
- Form tapping
- Thread protection cover



T ROD

- Anti-Corrosion packing
- Abrasion-resistant design
- Torque control
- Highly resistant dust cover against dust and external factors
- Steel inserts with precision spring
- Hot forging
- Heat treatment
- Induction



ROD END STEERING WITH CLAMP

- Anti-Corrosion packing
- Abrasion-resistant design
- Torque control
- Highly resistant dust cover against dust and external factors
- Steel inserts with precision spring
- Hot forging
- Cold forming
- Heat treatment
- Induction
- Form tapping
- Steel Pipe



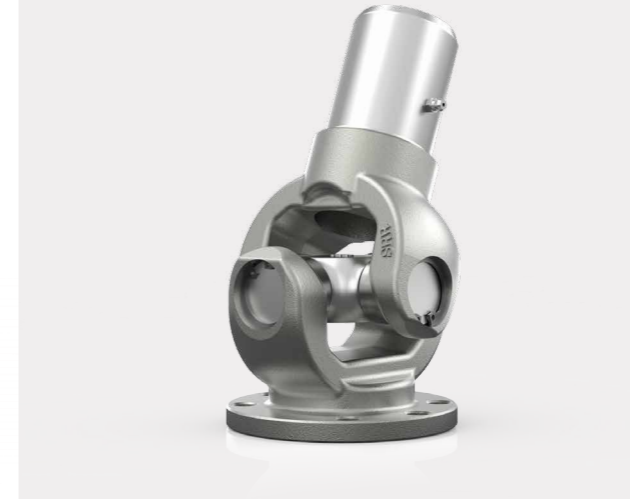
DOUBLE JOINT SHAFT

- ☐ Cold rolling spline
- ☐ Precision bearing
- ☐ Complete hot forging
- ☐ Anti corrosion packing
- ☐ Precision machining
- ☐ Heat treatment
- ☐ Induction
- ☐ High quality grade raw material



UNIVERSAL JOINT

- ☐ Precision bearing
- ☐ Complete hot forging
- ☐ Anti corrosion packing
- ☐ Precision machining
- ☐ Cold forming
- ☐ High quality grade raw material



AXLE

- ☐ Cold rolling spline
- ☐ Precision bearing
- ☐ Complete hot forging
- ☐ Anti corrosion packing
- ☐ Precision machining
- ☐ Heat treatment
- ☐ Induction
- ☐ High quality grade raw material



H YOKE

- ☐ Complete hot forging
- ☐ Anti corrosion packing
- ☐ Precision machining
- ☐ High quality grade raw material



LONG AXLE

- ☐ Cold rolling spline
- ☐ Precision bearing
- ☐ Complete hot forging
- ☐ Anti corrosion packing
- ☐ Precision machining
- ☐ Heat treatment
- ☐ Induction
- ☐ High quality grade raw material



SHORT AXLE

- ☐ Cold rolling spline
- ☐ Precision bearing
- ☐ Complete hot forging
- ☐ Anti corrosion packing
- ☐ Precision machining
- ☐ Heat treatment
- ☐ Induction
- ☐ High quality grade raw material



YOKE

- ☐ Tamamı Sıcak Dövme
- ☐ Küflenmeye Karşı Paketleme
- ☐ Hassas İşleme
- ☐ Isıl İşlem
- ☐ Yüksek Çelik











DOUBLE JOINT FOR TRUCK

- ☐ Cold rolling spline
- ☐ Precision bearing
- ☐ Complete hot forging
- ☐ Anti corrosion packing
- ☐ Precision machining
- ☐ Heat treatment
- ☐ Induction
- ☐ High quality grade raw material











DOUBLE JOINT FOR TRACTOR

-  Cold rolling spline
-  Precision bearing
-  Complete hot forging
-  Anti corrosion packing
-  Precision machining
-  Heat treatment
-  Induction
-  High quality grade raw material











DOUBLE JOINT FOR HEAVY DUTY

-  Cold rolling spline
-  Precision bearing
-  Complete hot forging
-  Anti corrosion packing
-  Precision machining
-  Heat treatment
-  Induction
-  High quality grade raw material












DOUBLE JOINT FOR 4WD

-  Cold rolling spline
-  Precision bearing
-  Complete hot forging
-  Anti corrosion packing
-  Precision machining
-  Heat treatment
-  Induction
-  High quality grade raw material



KNIFE ROD

-  Anti-Corrosion packing
-  Abrasion-resistant design
-  Torque control
-  Highly resistant dust cover against dust and external factors
-  Steel inserts with precision spring
-  Hot forging
-  Heat treatment
-  Induction
-  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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