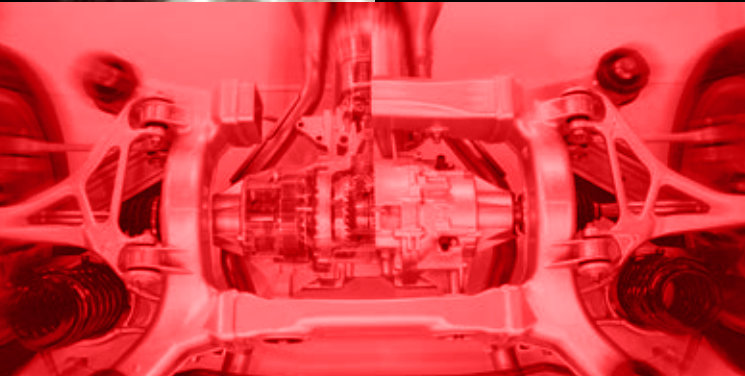




**REV  
OLU  
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IDEAS  
FOR  
AUTO  
MO  
TIVE**



**ap<sup>®</sup>  
plus**  
Automotive Parts





**ONE OF LEADING  
MANUFACTURER**



# THE WORLD'S MOST POWERFUL AND CAPABLE INTEGRATED PLANTS!

310.000 m<sup>2</sup> TOTAL LAND AREA & 130.000 m<sup>2</sup> COVERED AREA



# SINCE 1992

Applus is a leading manufacturer & exporter of suspension & steering parts for the automotive aftermarket industry since 1992. For the past 25 years, Applus has been focused on increasing its export business to become industry leaders in exporting to Europe, North & South America and Africa.

Applus is being made the production in the integrated production campus which is consisting of six factories that has 130.000 m<sup>2</sup> closed plant area of totally 310.000 m<sup>2</sup> area with "0% import" approach and "100% domestic material" within the scope of ISO 9001 and ISO: TS 16949 Quality Systems. Applus, which has the largest integrated plant in world on Steering and Suspension Parts sector is being made its production with the principle of "PROUDLY, 100% MADE IN TURKEY".

The most important factors in our growth are our renovated organization and our discreet approach to continuous improvement, our experienced specialists and our 25 years of experience. Within this scope, we are always proud of making all initiatives in the sector within own organization.

At the beginning of these initiatives, an average of 750 new products are introduced and gained every year to the sector by our R&D center which is approved by the Ministry of Science, Industry and Technology. The largest Steel Forging plant in Europe, the first and the most modern Aluminum Forging plant in Turkey and the most modern and high capacity Rubber-Metal plant in Turkey which are placed in 12.000 m<sup>2</sup> closed area are in the initiatives signatures of Applus.

Applus which is one of the most important companies of the regional economy with its 2000 employees continues on its own way with own aim that is being number one supplier of the World. Applus which is a world's leading brand with its long experience in manufacturing is leader of the in Turkey with 50% market share of Passenger and light commercial vehicle market and 80% market share of heavy vehicle market under favor of large product range that provides services 99% of the vehicles in Turkey.

Today, Applus continues to be a world leader in the sector and the being a enterprising, powerful, dynamic and distinguishing company with its ongoing investment projects, an annual production capacity of over 36 million and more than 18,000 items for passenger and heavy vehicle products range.

# PRODUCING FOR ALL MAKES, SHIPPING TO THE WHOLE WORLD!

**2000 EMPLOYEES & OVER 700 NEW  
ITEMS ADDED EVERY YEAR.**

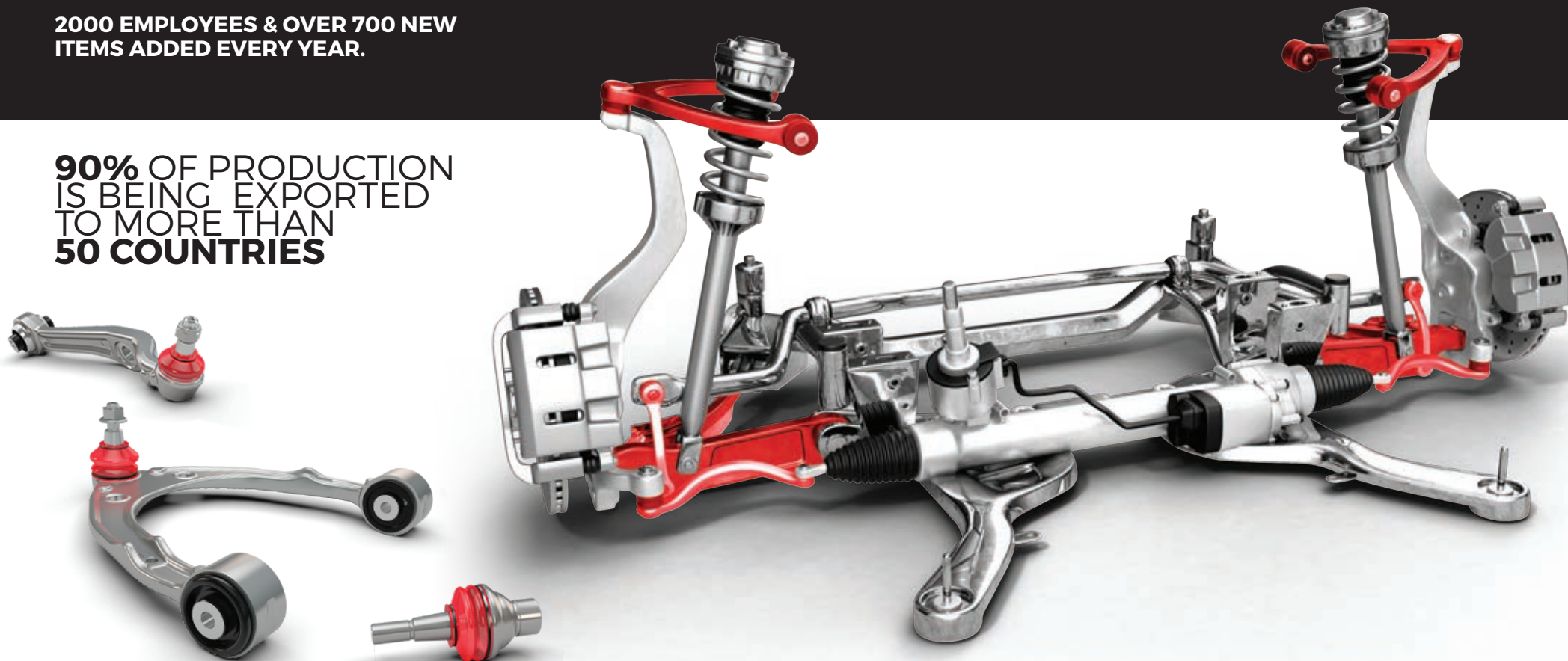
**90% OF PRODUCTION  
IS BEING EXPORTED  
TO MORE THAN  
50 COUNTRIES**

## OUR VISSION

With our size, range, capacity, quality and service, to be the number one supplier of suspension and steering parts in the world for the automotive aftermarket, OEM and OES industries, with its' integrated plants

## OUR MISSION

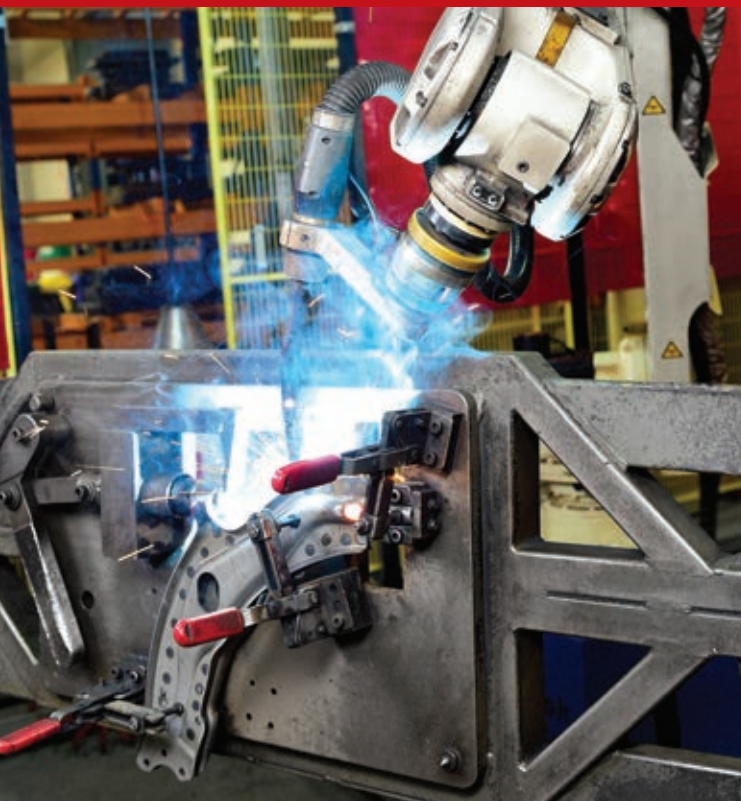
To be our customers PARTNER OF CHOICE across the globe when it comes to steering and suspension solutions for passenger and commercial applications.



**2.700.000  
PIECES MONTHLY  
MANUFACTURING  
CAPACITY**



**14.000  
PASSENGER  
AND LIGHT  
COMMERCIAL  
APPLICATION**



**4.000  
COMMERCIAL  
VEHICLE  
APPLICATION**





# **APPLUS, ACTS WITH THE PRINCIPLE OF BEING A SOLUTION PARTNER IN EVERY FIELD.**

Establishing all the systems necessities in the manufacturing process within its body, Applus carries out every stage of the product from the design to the final control by using the advanced techniques and offers special solutions with high quality standards to its customers.

It carries the manufacturing in the desired quality and time by using most up to date and capable ERP program. It carries out every stage of the products from the design stage to the final stage by using the modern design and computer aided production programs that keep the efficiency and creativity in the highest level.

Applus, is in continuous improvement and development. It increases its production and quality every passing day by making mutual projects with the international R&D companies expert in their fields.



**QUALITY IS  
NEVER THE  
CHANCE,  
ALWAYS  
PRODUCT OF  
INTELLIGENT  
EFFORT.**

## QUALITY POLICY

Applus quality policy,

We say; 'Rather controlling, we produce quality...'

Applus is very lean company for understanding of Applus policies and our Continuous Improvement Activities are focus on decreasing the production costs and increasing productivity, and profit while improving product quality.

Our target is to assure that each employee is aware of our "Quality can be produced not controlled" policy.

Quality is each employee's duty and, thus, everybody is a member of

continuous improvement projects.

We target to do right the first time.

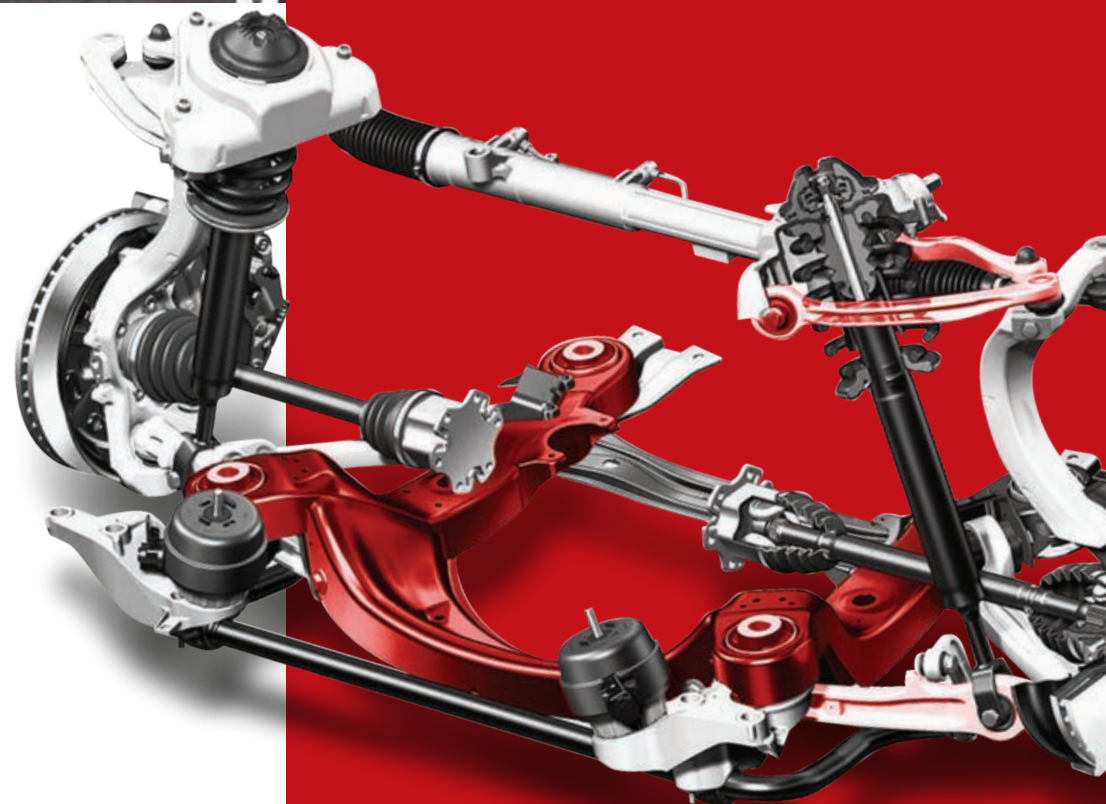
We are :

Giving the latest technologists service with high technology equipment.

Developing our self with the most innovative team and high skilled employees.

Identifying and meeting all legal and other requirements binding for our company.

100 % controlling during the all stations of production lines until shipments.



# R&D CENTER

MORE THAN 50 PROFESSIONAL  
ENGINEERING CREW.

- Re-Engineering Activities
- Range Development Activities
- Production Improvement And
- Erp Supportive Activities.



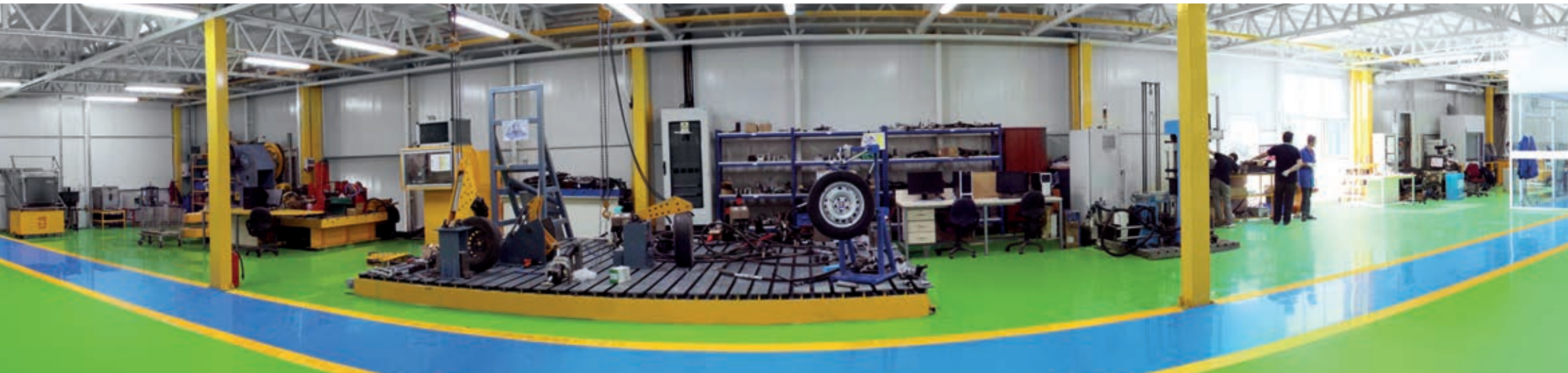
## HIGH TECHNOLOGY EQUIPPED RE- ENGINEERING CAPABILITIES

HAVING EXACTLY  
REQUIRED OE  
SPECIFICATIONS IN  
ONE GO BY USING  
MODERN & CAPABLE  
EQUIPMENTS

- Optical Scanning
- Contour Scanning
- Verification With CMM
- Hardness Equipments (Micro Vickers, Brinell)
- Metallographic Analysis Equipments
- Material Analysis (Spectral)
- Tension-Compression tests
- Salt Spray Tests
- Life Test Comparisons
- Climatic Chamber



**R&D OFFICE ACHIEVED  
FROM 260m<sup>2</sup> TO 1054 m<sup>2</sup>, R&D  
DEPARTMENT CONTINUES THEIR  
ACTIVITY ON TEST LABORATORIES  
AND PROTOTYPE PLANTS.**



**LIFE TEST MACHINES  
FOR DIFFERENT  
PRODUCT GROUPS  
OE SPEC COMPARISON  
CAPABILITIES**





**WE HAVE THE  
LARGEST, THE  
MOST CAPABLE  
AND THE MOST  
MODERN "STEEL  
FORGING PLANT"  
IN THE SECTOR**



# STEEL FORGING

- Being able to forge the single piece up to 60 kg , AYD is one of the best and highest capacity facility in Europe.
- High quality forging facility established on a 12000 m<sup>2</sup> closed square meter.
- A facility with a modern , ergonomic , and equipped with the latest technological machines.
- Flexible Mould System , Multiple mould and safely secured machining center.
- Qualified employee , the most experienced team in the sector.
- High efficiency and safe.





# ALUMINUM FORGING

## 100 % LOCAL MANUFACTURED RAW MATERIAL AT FORGING

- 200 Ton forging capacity montly.
- 200.000 Pieces montly capacity.
- Rapid growth trend.
- High quality aluminum parts.
- Flexibility of the aluminum parts to involve them to the range and on time delivery.
- Continuously increased production diversity.
- Machining center that is capable of all aluminum front axle parts.
- R&D support to aluminum technologies.



# CATAPHORESIS (E-COAT) UNIT STARTED OPERATING BY 2012 THE BEST AND THE MOST MODERN CAPABLE ONE IN THE SECTOR

IT IS THE FIRST FULL INTEGRATED CATAPHORESIS FACILITY  
IN THE SECTOR...



With its new facility, AYD offers the following advantages to customers who prefer superior paint quality.

- Coats metal parts of all types,
- High corrosion resistance,
- Ultra surface cleaning of parts prior to painting,
- Rapid and homogenous coating of every type of surface,
- High level of rust resistance,
- High number of nozzles and high nozzle pressure,
- Superior service with two washes and rinses,
- Environmentally friendly,



**IMPROVED  
PRODUCT  
APPEARANCE  
LESS OPERATOR  
INFLUENCE AND  
HIGH PURITY**



**MORE THAN 250  
PART NUMBERS  
DEVELOPMENT  
WITHIN TWO  
YEARS.**



- Leader in Wishbone Stamping Industry
- With 9 fully automated robotic welding station
- Production at OE quality level
- In house molding development

# **WISHBONE STAMPING**

**ADVANTAGE OF HAVING OWN  
MOULDING UNIT.**



**AUTOMATED WELDING  
WITH 11 WELDING  
ROBOTS OE QUALITY  
WELDING STANDARTS  
AND HIGH QUALITY  
PRODUCTS**

# RUBBER TO METAL

MORE THAN 50 PROFESSIONAL  
ENGINEERING CREW.

ONE  
OF THE  
MOST  
CAPABLE  
RUBBER  
TO METAL  
PLANTS  
IN IT'S  
SECTOR!



**ZERO MISTAKE  
PHILOSOPHY**

**AS A SMALL BUT  
IMPORTANT COMPONENT  
ON STEERING &  
SUSPENSION PRODUCTS,  
RUBBER TO METAL PARTS  
ARE NOW PRODUCED  
UNDER AYD ROOF!**





**ALL OF THE ITEMS COMING FROM FORGING, AFTER QUALITY CONTROL LEVEL THE ITEMS GOING TO MACHINING AREA FOR PRODUCING. ACCORDING TO SAFETY PRODUCTION MENTALITY ALL COMMERCIAL VEHICLE PARTS DESIGNED FOR ON TIME PRODUCTION WITH EXPERT PERSONEL IN THE NEW TECNOLOGY AREA.**



# MACHINING

**HUGE MACHINING PARK WITH MORE THAN 200 CNCs & TURNING MACHINE SIM PROVED LEAD READY FOR ON TIME PRODUCTION WITH HIGH CAPACITY MOULDING UNIT.**



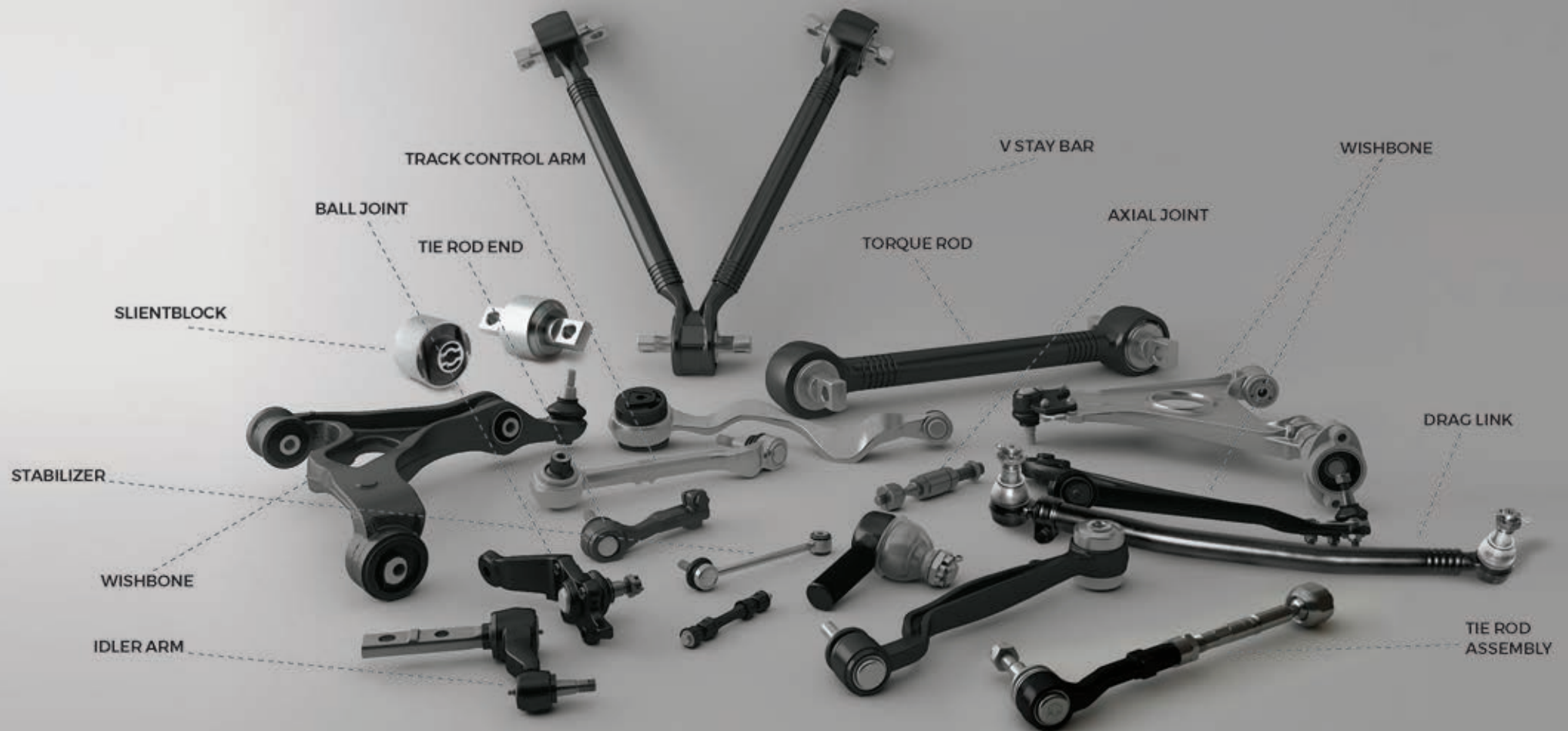
**AS ALL THE PRODUCTION PROCESS, MACHINING AREA IS CONTROLLING BY MRP AND ERP APPLICATIONS. AT THE SAME TIME.**



In our factory with the kaizen and 6 sigma method there is always and nonstop progress.

- More than 200 CNC device and wide machine area, always on time producing
- Professional team, modern technology devices, lean production
- MRP and ERP system plans and manages With the motto of "quality cant control, just can produce".
- Heavy duty and commercial group producing.

**BALL JOINT, TIE ROD, TIE ROD END, AXIAL JOINT, STABILIZER, TRACK CONTROL ARM, WISHBONE, RUBBER BUSHES, PITMAN ARM, IDLER ARM, DRAG LINK, ROTQUE ROD, V STAY BAR, REPAIR KITS,**







[www.aplus-automotive.com](http://www.aplus-automotive.com)