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Korea Driveline Autopart

Simpac KDA





Manufactures Global Automotive Powertrain And Driveline Components

Who We Are

We Believe That Humans Create the Future

KDA is a global manufacturer that advances into the future vehicle field by leading drive system parts based on the most advanced processing technology and innovative process knowhow.

Since its establishment in 1979, KDA has provided the most reliable products and services to global OEM/aftermarket customers, and it will continue to satisfy customers with the best quality and competitive price.

WHAT WE CAN

KDA's ultimate business goal **"True Satisfaction of Customers"**

In addition to having excellent performance and reliable precision facilities to respond to various product requirements, KDA continues to invest in facilities to meet higher product requirements. Also, to maintain a stable global supply system, KDA operates overseas branches and warehouses in the United States, Mexico, and China.

As “True Satisfaction of Customers” is KDA's ultimate business goal, KDA will always strive to create a new value from the customers’ perspective with all available resources.

As we have successfully performed so far, we will continue to grow with our customers in the future, and all our employees will always do their best as our customers' most reliable partners.

WHAT WE ARE DIFFERENT

We provide Innovative value to Various industries.

Starting with the core parts assembled on the drive shaft of automobiles in 1979, KDA has grown into a global auto parts company that produces and supplies more than 900 types and 10 million products per year to world-class automotive customers.

Based on decades of expertise and know-hows accumulated from product development to production and delivery, we are realizing the best customer value through constant change and innovation.

Management Policy

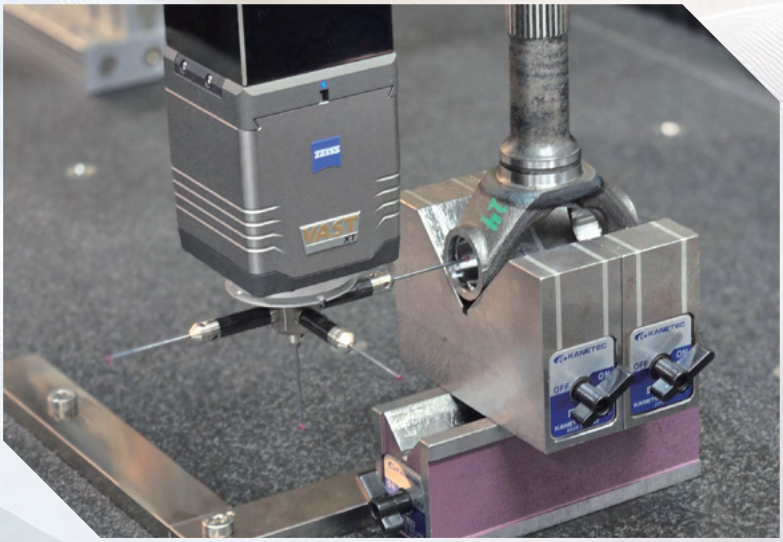
To become a market leader, we are practicing the keywords global/future/quality as our core management values.

Facilities producing more than 10 million parts per year

- 100% export performance for decades
- Production of over 10 million parts per year
- Establishment of a global export system (North America, China, Europe)
- Customer delivery management through overseas branches
- R&D center to meet global standards

Systematic quality control

- Establishment of quality control automation system
- Global Automotive Needs IATF 16949 Certification
- Onsite customer service through overseas branches



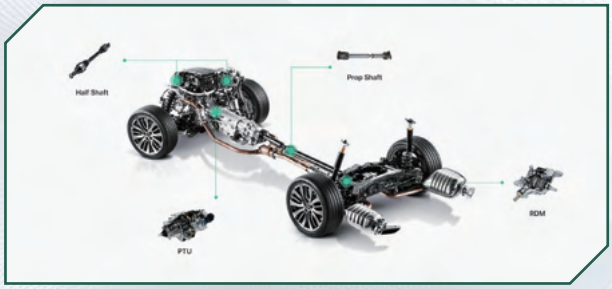
Competitiveness in advanced processing technology

- Reflecting customer needs through customization
- Supply of products and services through organic communication with customers

We enhance our industry competitiveness by introducing a production management system and achieving the goals of manufacturing process efficiency and quality improvement.

KDA has grown into a global manufacturer supplying 8 million units a year to customers in the U.S., Mexico, China and Europe as a maker of automotive powertrain and driveline parts.

Based on our competitiveness in cost, production technology, quality, and production CAPA, we have been recognized for the top quality and supply stability from 10 automakers including the Big 3 in the United States and have continued to grow further. In the future, we will leap forward as a global leader in parts processing by expanding our business areas into future environmental vehicles, small ships, and light aircraft parts.

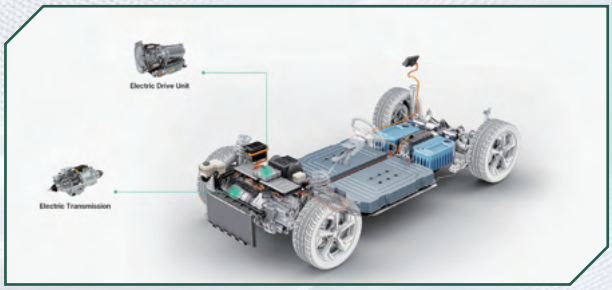


LIGHT DUTY VEHICLE

- Propeller Shaft
- Half Shaft
- PTU / RDM

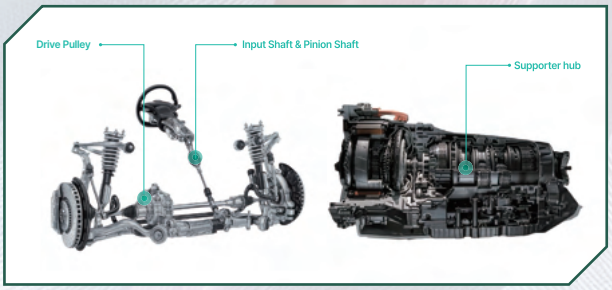
HEAVY DUTY VEHICLE & INDUSTRIAL EQUIPMENT

- Propeller Shaft
- Half Shaft



ELECTRIFICATION for EV

- Rotor Shaft
- Motor Shaft

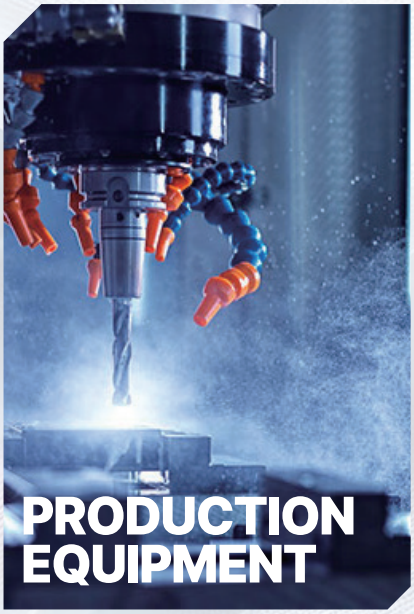


STEERING & TRANSMISSON

- Pinion Shaft
- Input Shaft
- Drive Pulley
- Supporter Hub

DEVELOPMENT

KDA Has capabilities in material analysis, simulation optimization, method to maximize processing production efficiency, and production technology development.



PRODUCTION EQUIPMENT

Equipped with the latest machinery processing equipment and total 560 units of 23 types of cutting-edge facilities, along with a production capacity of 8 million units per year

QUALITY CONTROL SYSTEM

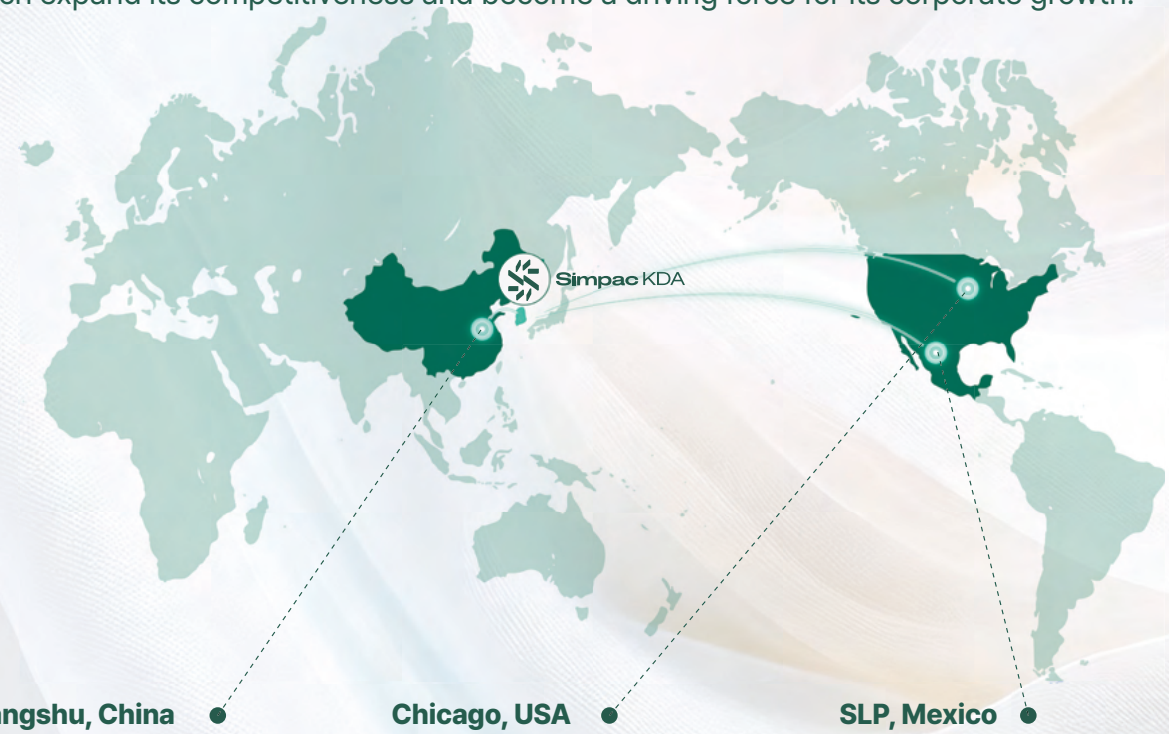
Secure quality certification and established a zero-defect quality management system by passing a strict complete vehicle quality audit of the big 3 automakers in the U.S.

CUSTOMER


Mercedes-Benz
Ford
SUBARU
HONDA
neapco
Astemo
DORMAN
MERCURY
AAM
Simpac KDA
Action Machine Inc
S&S POWER UP
MSI
FEINTOOL
Cummins
comer industries
NISSAN
gm
STELLANTIS
mazda

Overseas Branch

KDA establishes overseas branches in major markets around the world,
which expand its competitiveness and become a driving force for its corporate growth.



Changshu, China

Chicago, USA

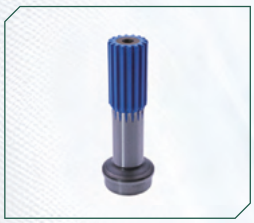
SLP, Mexico

Quality Certificate

IATF16949 Certificate

Propeller Shaft

Stub Shaft



Stub Shaft

· Series : 1000, 1310, 1350, 1610, 1710, 1760, 1810
· Spline : Internal
· Material : Forge

Yoke Shaft

Yoke Shaft

· Series : SPL170, SPL250
· Spline : Internal
· Material : Cast

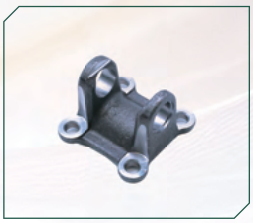
Yoke

Slip Yoke

· Series : 1310,1350,1410, 1610,1710,1760,1810
· Spline : Internal
· Material : Cast

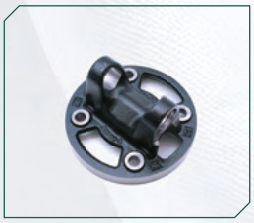
Flange Yoke

· Series : 1410 Serration
· Cast



Flange Yoke

· Series : 1350,1410
· Forge

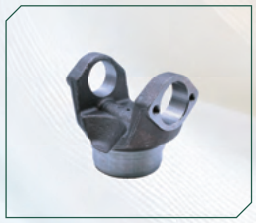


Flange Yoke

· Series : 1350
· Cast

Spline Yoke

· Forge



Weld Yoke

· Series : 1310,1350,1610, 1710,1760,1810
· Material : Forge

End Yoke

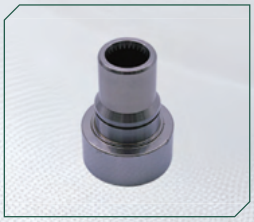
· Series : 1000,1310, 1610,1710, 1810
· Spline : Internal
· Material : Forge,Cast

Half Round End Yoke

· Series : 1350,1410,1610, 1710,1760,1810,SPL170, SPL250
· Spline : Internal
· Material : Forge,Cast)

PTU & RDM

PTU



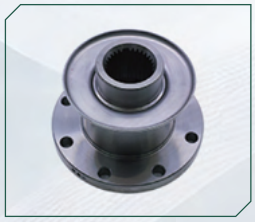
Coupling

· M0.75 X Z27
· Forge

Intermediate Shaft

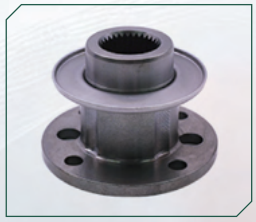
· M1.0583 X Z27
· M0.77 X Z34
· Cold Bar

RDM



Pinion Flange

· M1.0583 X Z32
· Cast



Pinion Flange

· M1.0583 X Z30
· Cast

Output Shaft

· M1.0583 X Z32
· Forge

Output Shaft

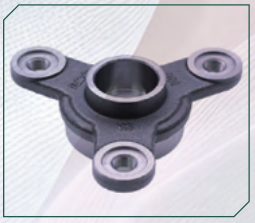
· M1.0583 X Z27
· Forge

Output Shaft

· M1.0583 X Z23
· Forge

Midship Shaft

· M1.053 X Z30(29)
· Forge



Tripod Lobe

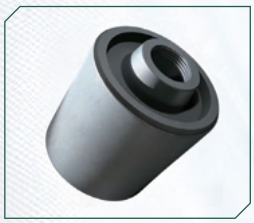
· M12 - PCD 110
· Forge

Tripod Lobe

· Φ12.5 - PCD 110
· Forge

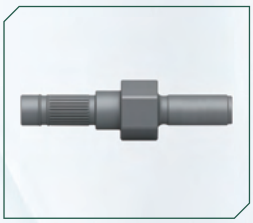
Steering & Transmission

Steering



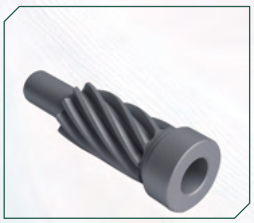
Drive Pulley

· Forge



Input Shaft

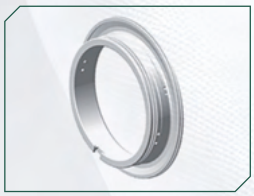
· Forge



Pinion Shaft

· Forge

Transmission

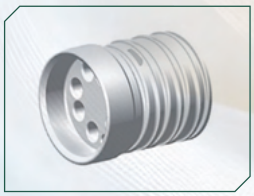


Sleeve Outer

· Ø160.5 × 29.6
· Forge

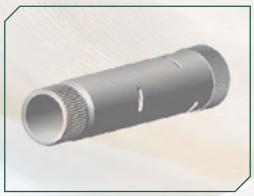
Sleeve Transfer Shift Hub

· M0.75 × Z24
· Forge



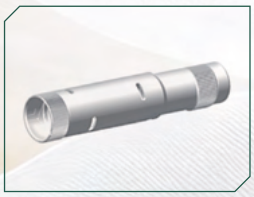
Input Shaft Support

· Ø46.75 × 52.41
· Forge



Support Trans Stator Shaft

· M1.0 × Z36
· M0.318 × Z126
· Forge



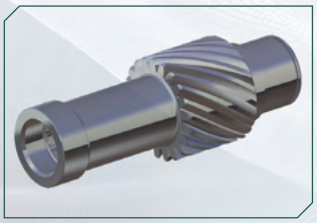
Support Trans Stator Shaft

· M0.75 × Z64
· M0.317 × Z166
· Forge

Electrification for EV

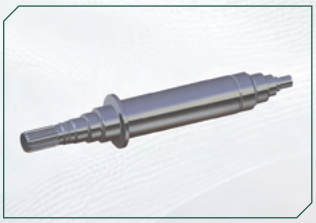
Rotor Shaft

· Forge



Gear Helical

· M0.75 × Z34
· Forge



E-Motor For Shaft

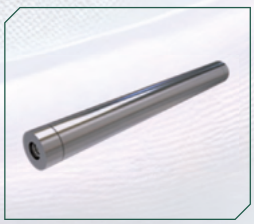
· M1.0583 × Z19
· Forge

Half-Shaft for eAxle

· Forge / Round Bar

Half Shaft

CV Joint



IC Shaft

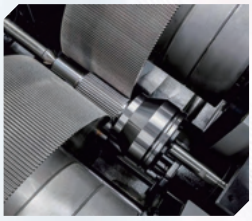
· Round Bar

Outer Race

· Forge

Manufacturing Method

1. Lathe



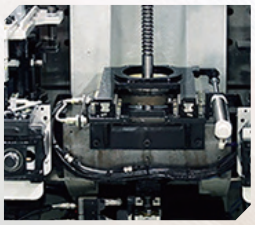
2. Rolling
Spline & Thread

3. CNC Lathe

4. CNC Hobbing

8. Grinding
Internal & External

7. Shaping



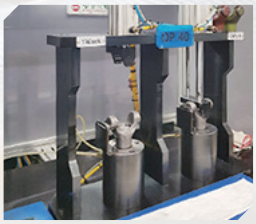
6. Broaching
Key, Spline, Serration

5. Machining Center
Vertical & Horizontal

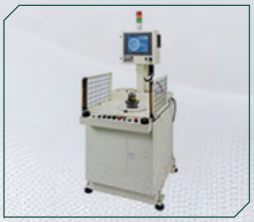
9. Gear Grinding

10. High & Low Frequency

11. Coating

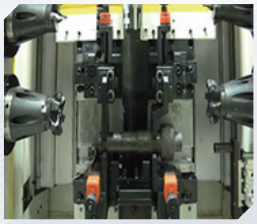


12. Inspection



16. Balancing

15. Boring



14. Facing & Centering

13. Heat Treatment

17. Final Inspection

18. Packing

19. Shipment

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