



GREEN MANUFACTURING BUILDS A LOW-CARBON WORLD

HEBEI CBIES AUTOMOTIVE PARTS CO., LTD.

HEBEI CBIES AUTOMOTIVE PARTS CO., LTD.

Address: No.118, East Zhongshan Road, Shijiazhuang, Hebei, China

Tel: +86-311-67797385

Fax: +86-311-86073288

E-mail: sales@cbiesautomotive.com

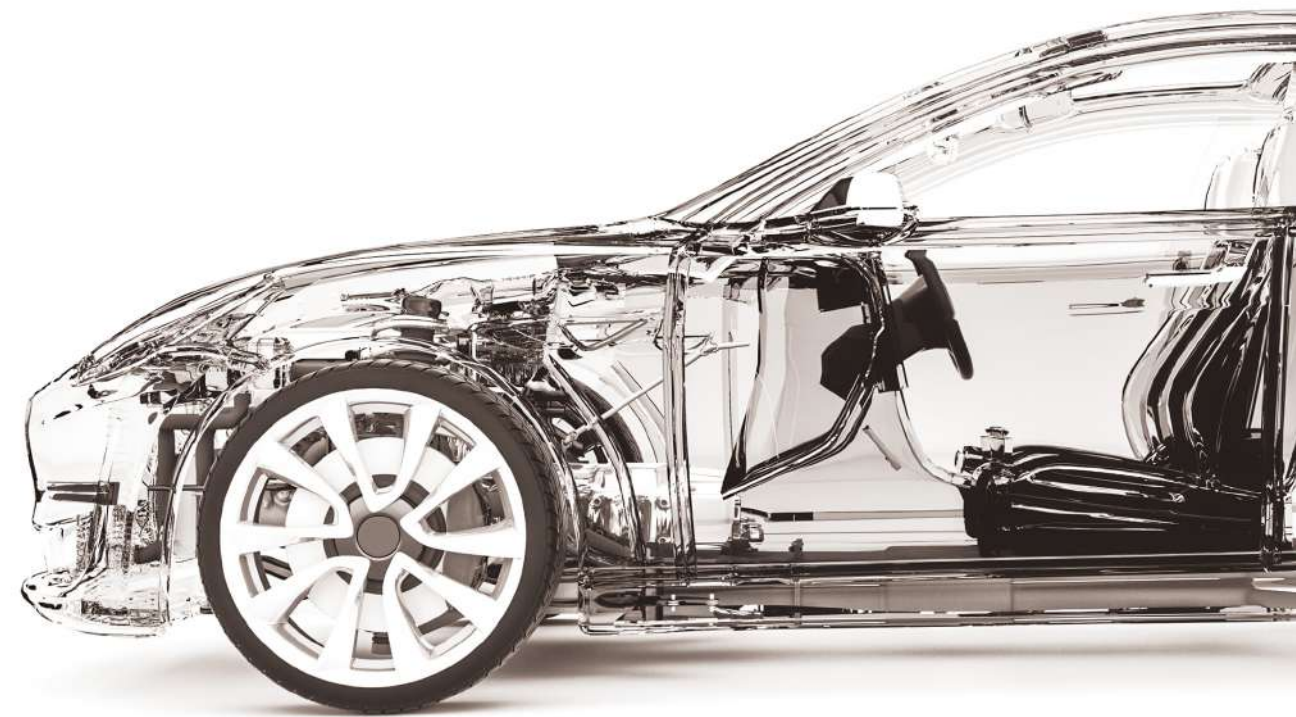
Website: www.cbiesautomotive.com



WEBSITE



WECHAT



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COMPANY PROFILE

CBIES AUTOMOTIVE is a leading manufacturer of automotive parts and components in China, specializing in the designing, manufacturing and after-sales maintenance for automotive precision tubes and parts with a rich experience of 18 years. We deal mainly in the seat frames, cross car beams, side door impact beams, chassis tubes, exhaust tubes, shock absorbers, torsion bars, and other automotive parts. Our main markets include North America, Central and South America, European Union, Southeast Asia, Central Asia and other regions.

CBIES AUTOMOTIVE is committed to deliver top-notch and secure products to our customers. We have achieved certifications of IATF16949 : 2016, ISO9001 : 2015, ISO14001 : 2015, ISO45001: 2018, etc. We have strict internal quality control system, professional QC team and advanced equipment to ensure that all products can fully meet our customers' requirements and the international standards.



COMPANY PROFILE

VISION

To build a lighter, safer, greener and better world, we are committed to continuous innovation and improvement.

MISSION

Provide high-quality components and systems for automotive manufacturers to ensure the safety, reliability and performance of vehicles, and promote the sustainable development of the automotive industry.

CORE VALUES

QUALITY

Our QC inspectors monitor the entire process of each order, from raw materials, samples, production, packaging, warehousing, to container loading, to ensure that product quality fully meets market and customer requirements.

HONESTY

Honesty is essential in all long term cooperation and partnership. We believe in being open and transparent in all transactions and always act with integrity.

SERVICE

We prioritize customer needs and are committed to providing excellent service. We are customer centric, market oriented, and always strive to exceed customer expectations.

SPECIALITY

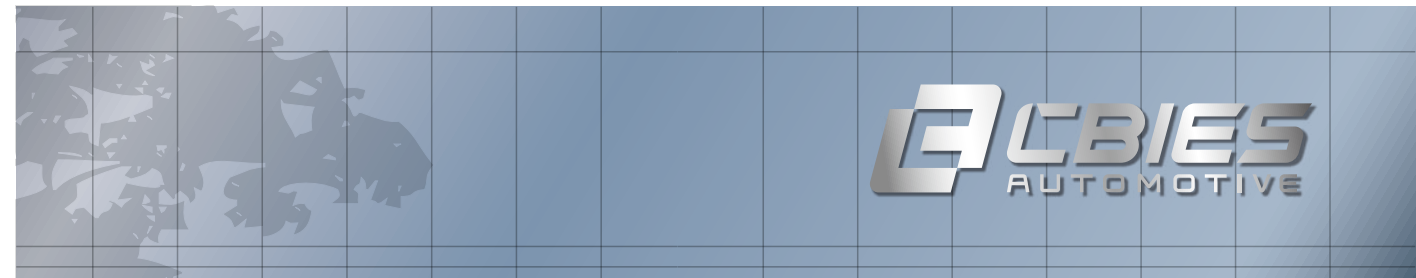
Professional skills are the foundation of excellent service. Our professional and dedicated team members make our customers' business easier and safer.

CREATIVITY

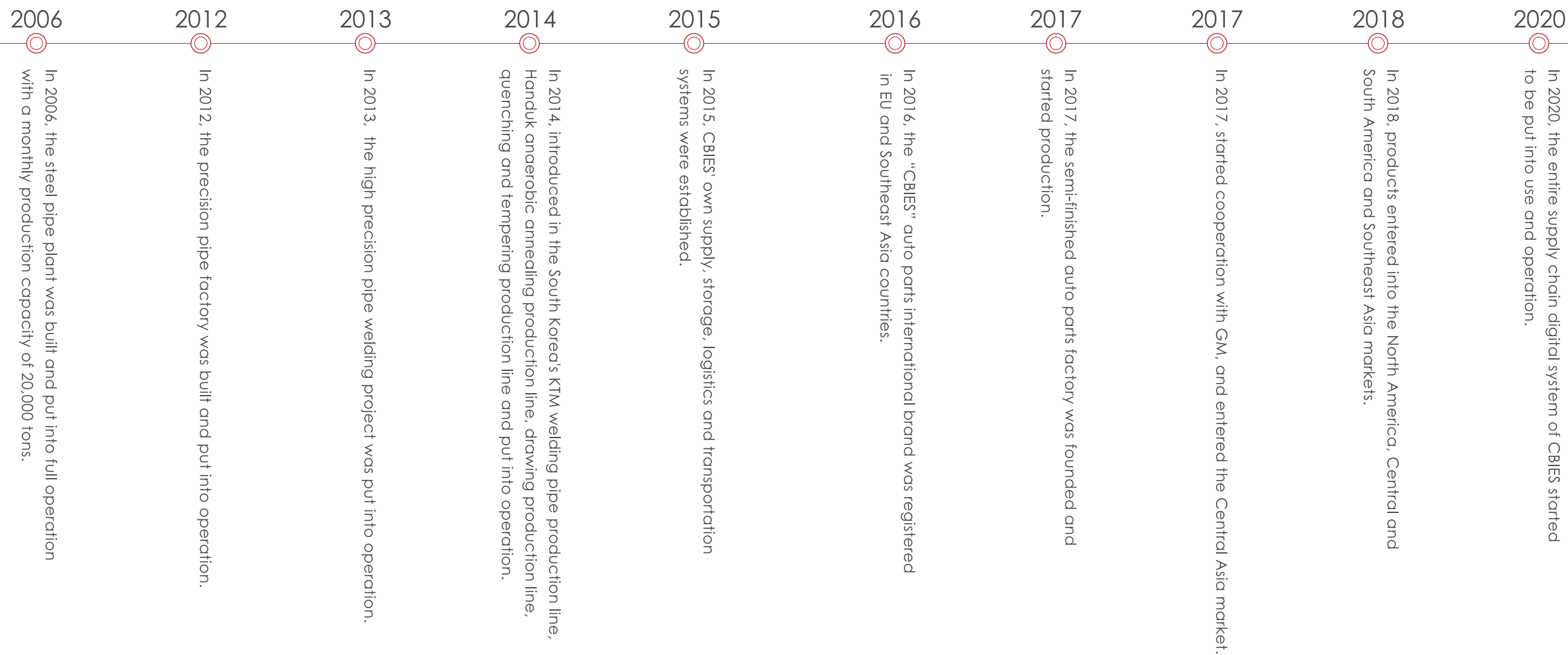
We embrace innovation and creativity, and are committed to building a digital ecosystem. The company believes that digital transformation and upgrading are essential for meeting the evolving needs of customers and empowering them with new opportunities.

Overall, CBIES AUTOMOTIVE's core values reflect its commitment to excellence, integrity, and innovation. These values guide the company's operations and help it to build long lasting partnership with its customers.

CORPORATE CULTURE



FOOTPRINT OF CBIES AUTOMOTIVE



PRODUCTION EQUIPMENT

MAIN PRODUCTION EQUIPMENT



Korean KTM high-frequency welded tubes production line



Fully automatic high frequency induction quenching/straightening production line for side door impact beam



Korean Handuk roller hearth type continuous anaerobic annealing furnace



Korean triple drawing bench



Slitting machine



Korean precision straightening machine

MACHINING EQUIPMENT

Tube bending machine (Taiwan)

3D laser cutting machine

Pipe end forming machine (Expanding, necking)

Punching press machine

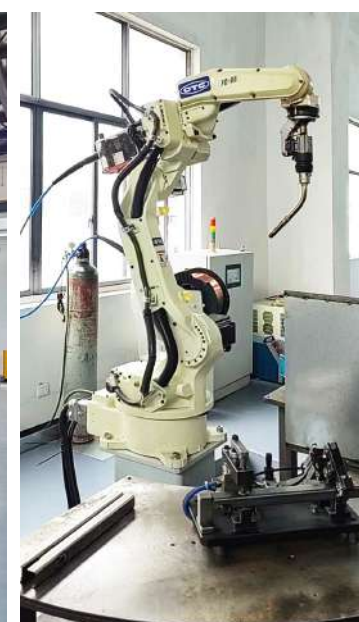
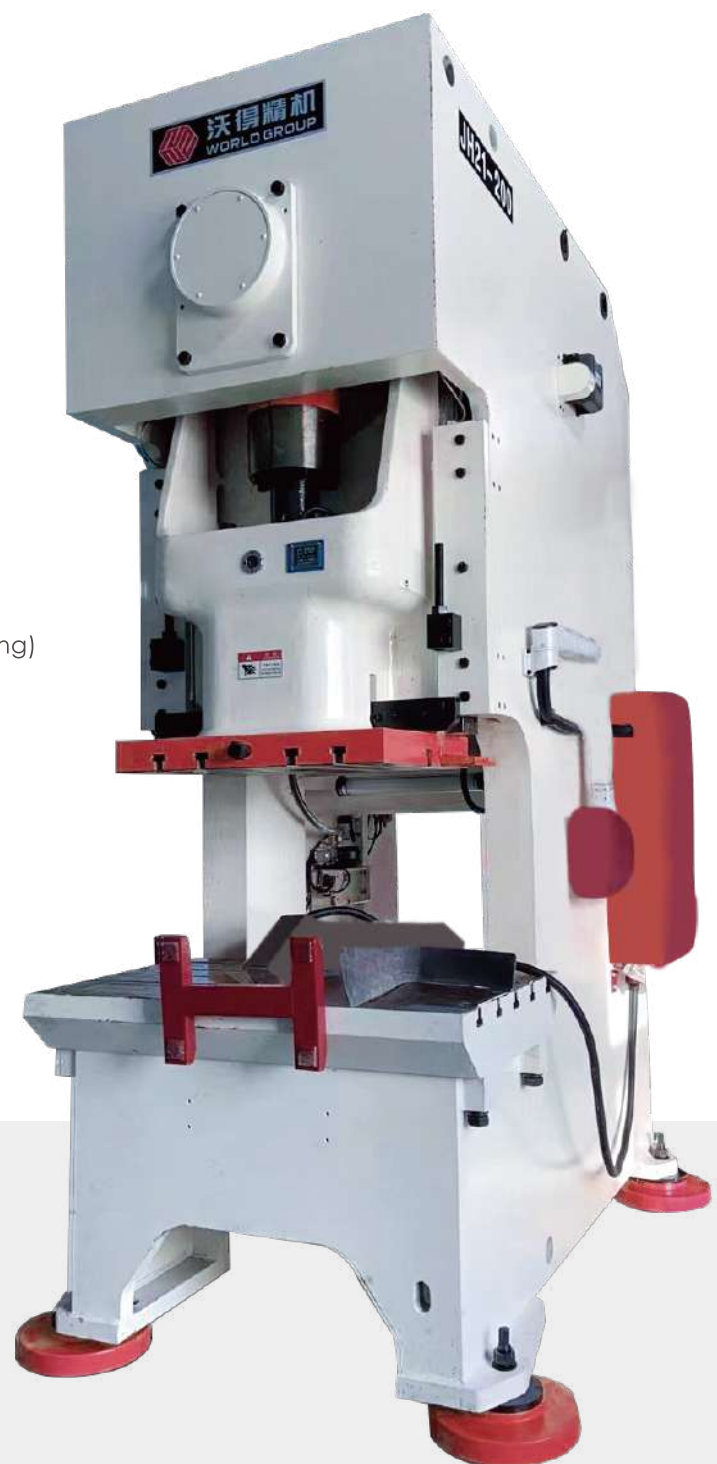
Hydraulic press machine (630 tons)

Shovel arc welding machine

Punching machine

Pipe end shovel arc welding machine

Welding robot



QUALITY MANAGEMENT SYSTEM

CBIES AUTOMOTIVE has established a comprehensive quality management system, which includes a variety of testing equipment with the corresponding tests, and a series of quality certifications. For example, IATF16949:2016, ISO9001:2015, ISO14001:2015, ISO45001:2018 and so on.



IATF16949:2016 certificate



INSPECTION CENTER EQUIPMENTS

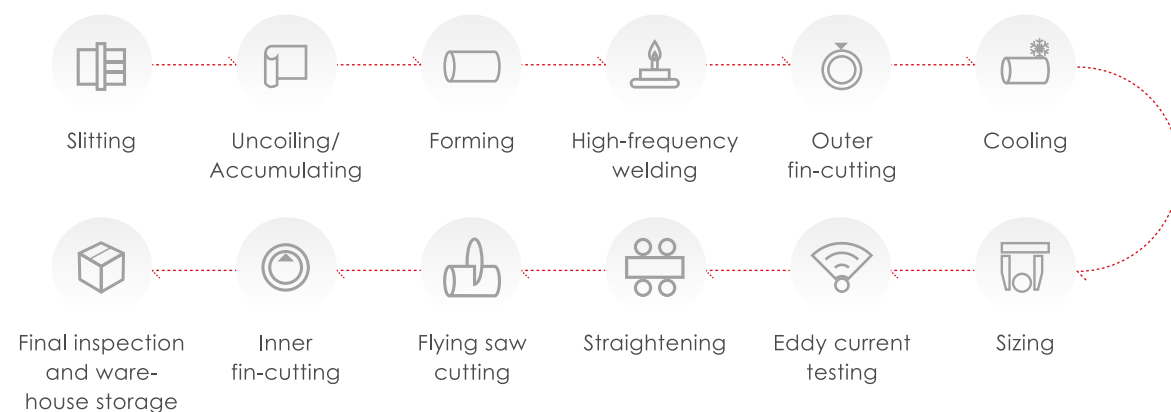
- Universal material testing machine
- Metallographic microscope
- HB/HRC(HRB)/HV hardness tester
- Rockwell hardness tester
- Roughness tester
- Metallographic specimen grinder
- Straightening machine
- Eddy current testing instrument
- Stamping testing machine
- Expansion test machine
- Bend tester



PRODUCT INTRODUCTION

PROCESS FLOW

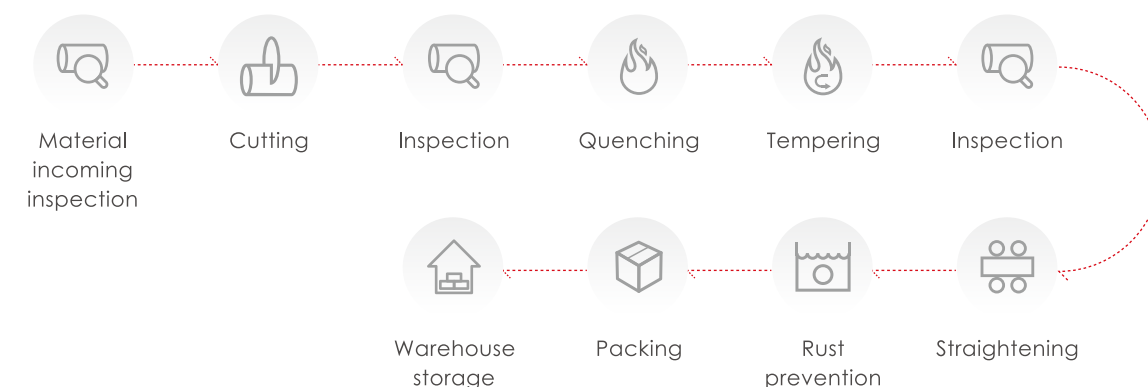
PRECISION WELDED STEEL TUBES



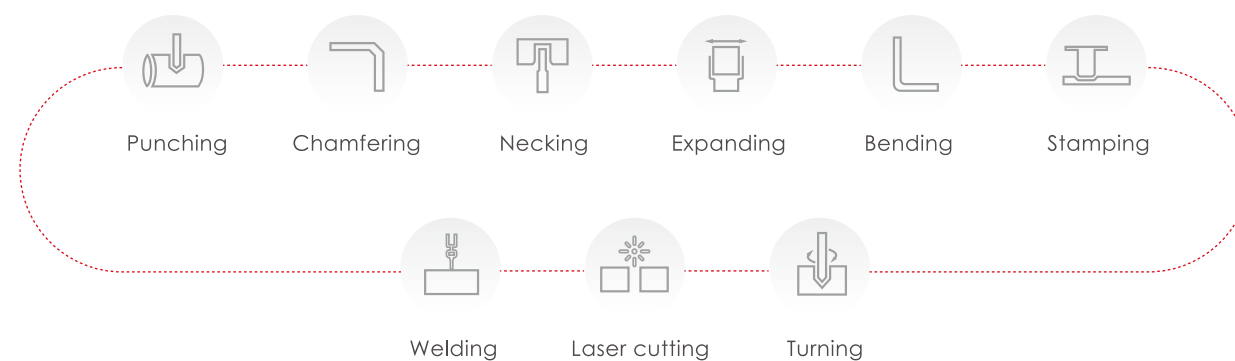
COLD-DRAWN STEEL TUBES



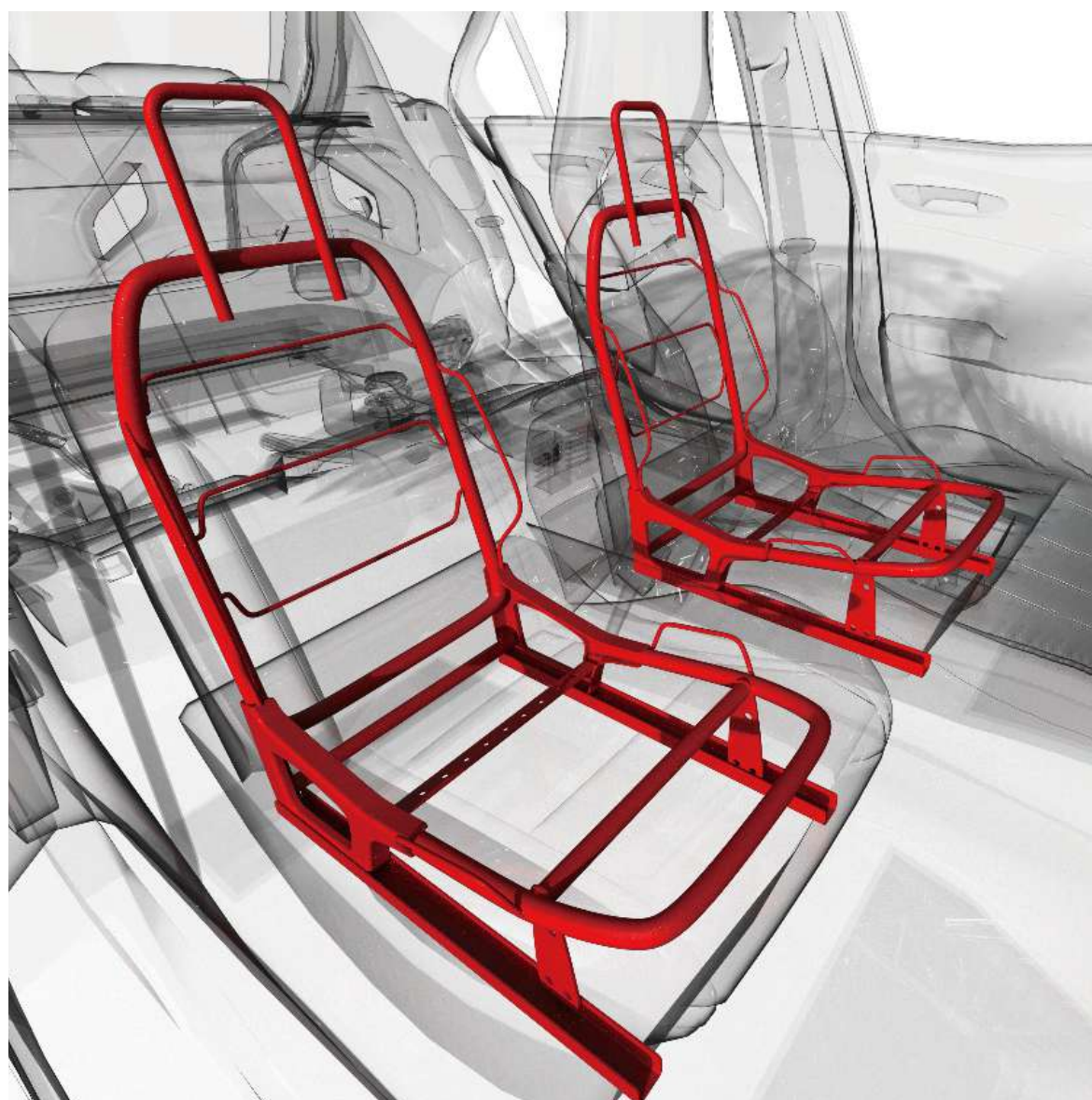
HEAT TREATMENT PROCESSING TUBES



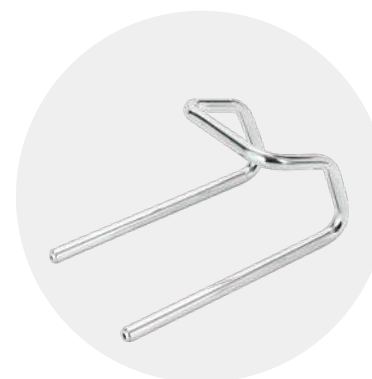
MACHINING SERVICE



SEAT FRAME TUBES



HEADREST TUBES



Specification (mm)

OD: 10, 10.9, 12, 12.7, 13, 13.95, 14, 16, etc.

Thickness: 1.0, 1.2, 1.5, 2.0, etc.

Standard: JIS G 3445, DIN 17100, EN 10268, EN 10338, GB/T 11253, GB/T 1591, etc.

Grade: STKM12B, STKM13A, STKM13B, ST37-2G, ST52-3G, HC340LA, HC420LA, HC500LA, HCT590X, HCT780X, HCT980X, Q235B, Q355B, etc.

Process: High-frequency welding, cutting, bending, orifice-closing, chamfering, necking.

CUSHION FRAME TUBES



Specification (mm)

Round tubes OD: 16, 19, 22, 25, 25.4, 28, 30, 32, etc.

Rectangle tubes OD: 20x30, 25x45, etc.

Thickness: 1.2, 1.5, 1.8, 2.0, 2.5, 3.0, etc.

Standard: DIN 17100, Q/BQB 310, EN 10268, EN 10338, GB/T 11253, GB/T 1591, etc.

Grade: ST37-2G, ST52-3G, QSTE420, QSTE500, QSTE550, HC340LA, HC420LA, HC500LA, HCT780X, HCT980X, Q235B, Q355B, etc.

Process: High-frequency welding, cutting, bending, orifice-closing, chamfering, stamping, expanding, laser cutting, punching, bevel cutting, welding.

BACKREST FRAME TUBES



Specification (mm)

Round tubes OD: 16, 19, 22, 25, 25.4, 28, 30, 32, etc.

Square tubes OD: 28x28, 35x35, etc.

Rectangle tubes OD: 25x30, etc.

Thickness: 2.0, 2.5, etc.

Standard: DIN 17100, Q/BQB 310, EN 10268, EN 10338, GB/T 11253, GB/T 1591, etc.

Grade: ST37-2G, ST52-3G, QSTE420, QSTE500, QSTE550, HC340LA, HC420LA, HC500LA, HCT780X, HCT980X, Q235B, Q355B, etc.

Process: High-frequency welding, cutting, bending, orifice-closing, chamfering, stamping, expanding, laser cutting, punching, bevel cutting, welding.

CROSS CAR BEAMS

Specification (mm)

OD: 38, 40, 42, 45, 50, 54, 60, 65, 70, 75, etc.

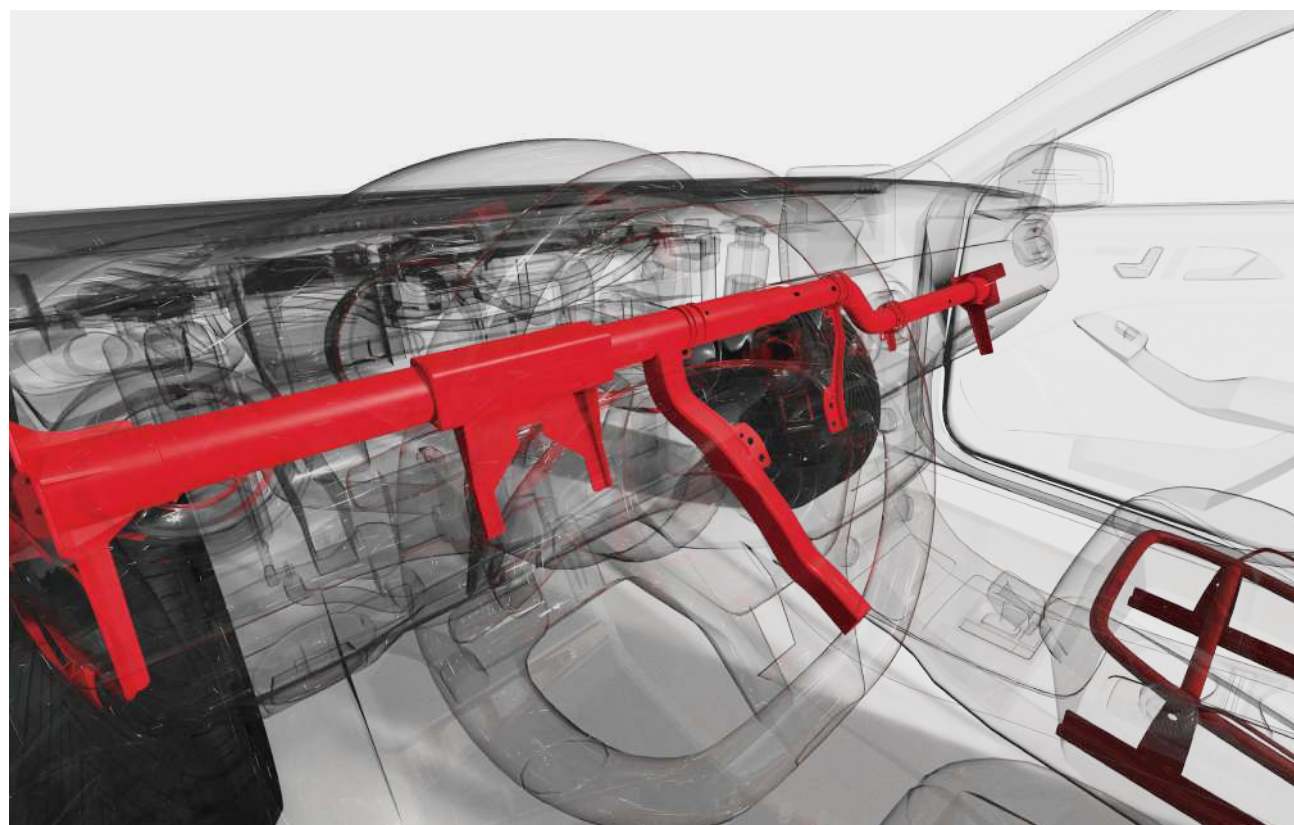
Thickness: 2.0, 2.5, 3.0, etc.

Standard: Q/BQB 310, EN 10268, EN 10149, EN 10338, GB/T 11253, GB/T 1591, etc.

Grade: QSTE420, QSTE500, QSTE550, HC340LA, HC420LA, HC500LA, S355MC,

S420MC, S500MC, HCT780X, HCT980X, Q235B, Q355B.

Process: High-frequency welding, cutting, bending, stamping, necking, rivet-pressing, laser cutting.



CROSS CAR BEAM WELDED TUBES



CROSS CAR BEAM STRAIGHT TUBES



CROSS CAR BEAM BENDING TUBES



SIDE DOOR IMPACT BEAMS

Specification (mm)

Round tubes OD: 25, 25.4, 31, 31.8, 32, 34, etc.

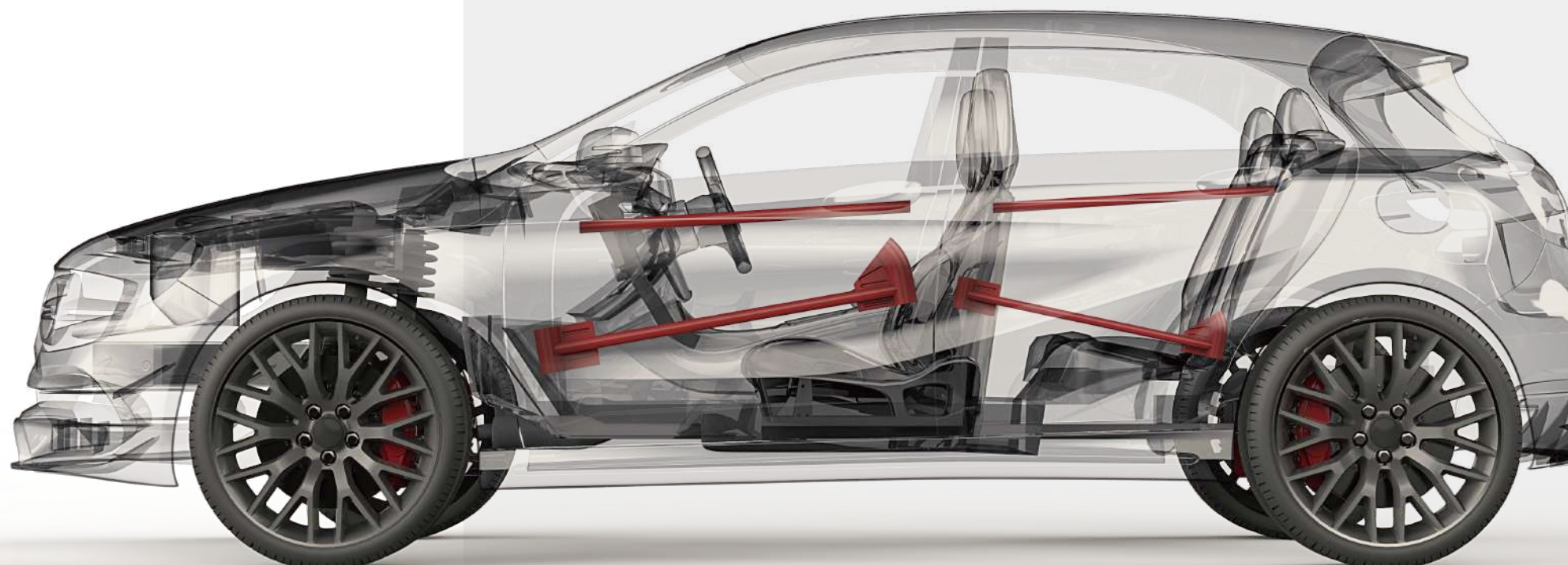
Oval tubes OD: 20x25.4, 20x30, 31x25, 32x25, etc.

Thickness: 1.5, 1.6, 1.8, 2.0, 2.2, 3.0, etc.

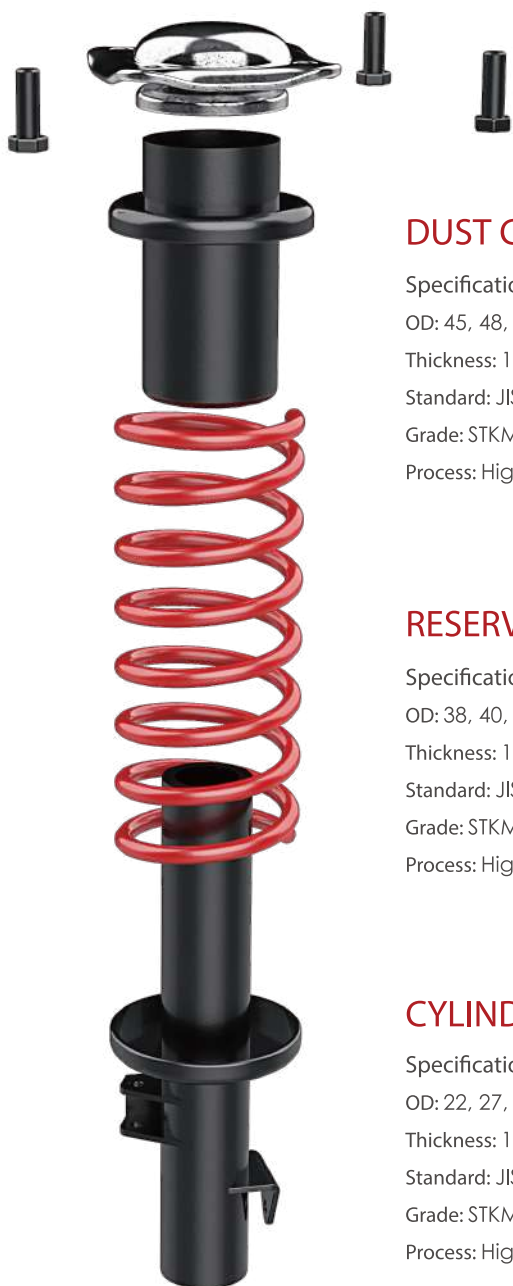
Standard: JIS G4051, EN 10083, Q/BQB 409, GB/T 699, etc.

Grade: S45C, 20MnB5, B1500HS, 45#, etc.

Process: High-frequency welding, heat treatment, flattening, punching, welding, etc.



SHOCK ABSORBER TUBES



DUST COVER TUBES

Specification (mm)

OD: 45, 48, 50, 51, 54, 60, 63.5, 82, etc.

Thickness: 1.0-2.0.

Standard: JIS-G 3445, DIN 17100, EN 10305-3, GB/T 11253, GB/T 1591, etc.

Grade: STKM11A, STKM12B, ST37-2G, ST52-3G, E195, E235, E55, Q195, Q235B, Q355B, etc.

Process: High frequency welding, chamfering, cutting.

RESERVOIR TUBES

Specification (mm)

OD: 38, 40, 42, 45, 50, 51, 54, 74.5, etc.

Thickness: 1.0-2.5.

Standard: JIS-G 3445, DIN 17100, EN 10305-2, EN 10305-3, GB/T 11253, GB/T 1591, etc.

Grade: STKM12B, STKM13C, ST37-2G, ST52-3G, E235, E355, Q235B, Q355B, etc.

Process: High frequency welding, chamfering, cutting.

CYLINDER TUBES

Specification (mm)

OD: 22, 27, 27.2, 27.4, 30, 30.2, 30.4, 32, 32.2, 32.4, 34, 34.2, 34.4, 38.6, 54.

Thickness: 1.0, 1.1, 1.2, 1.4, etc.

Standard: JIS-G 3445, DIN 17100, EN 10305-2, EN 10305-3, GB/T 11253, GB/T 1591, etc.

Grade: STKM12B, STKM13C, ST37-2G, ST52-3G, E235, E355, Q235B, Q355B.

Process: High frequency welding, chamfering, cutting.

EXHAUST SYSTEM

STAINLESS STEEL EXHAUST PIPE

Specification (mm)

OD: 38.1-127.

Thickness: 0.5-3.0.

Standard: JIS G4305, EN 10088, GB/T3280, GB/T 4237,

ASTM A240.

Grade: SUS304, SUS316, SUH409, SUH409L, SUS410, SUS410L, SUS436L, 1.4301, 1.4401, 1.4006, 06Cr19Ni10, 06Cr17Ni12Mo2, 06Cr13, 022Cr12, 00Cr17Mo, 304, 316, 410S.

Process: Argon arc welding, cutting, bending, stamping, tube end molding, laser cutting.

ALUMINIZED EXHAUST PIPE

Specification (mm)

OD: 38.1-127.

Thickness: 0.5-3.0.

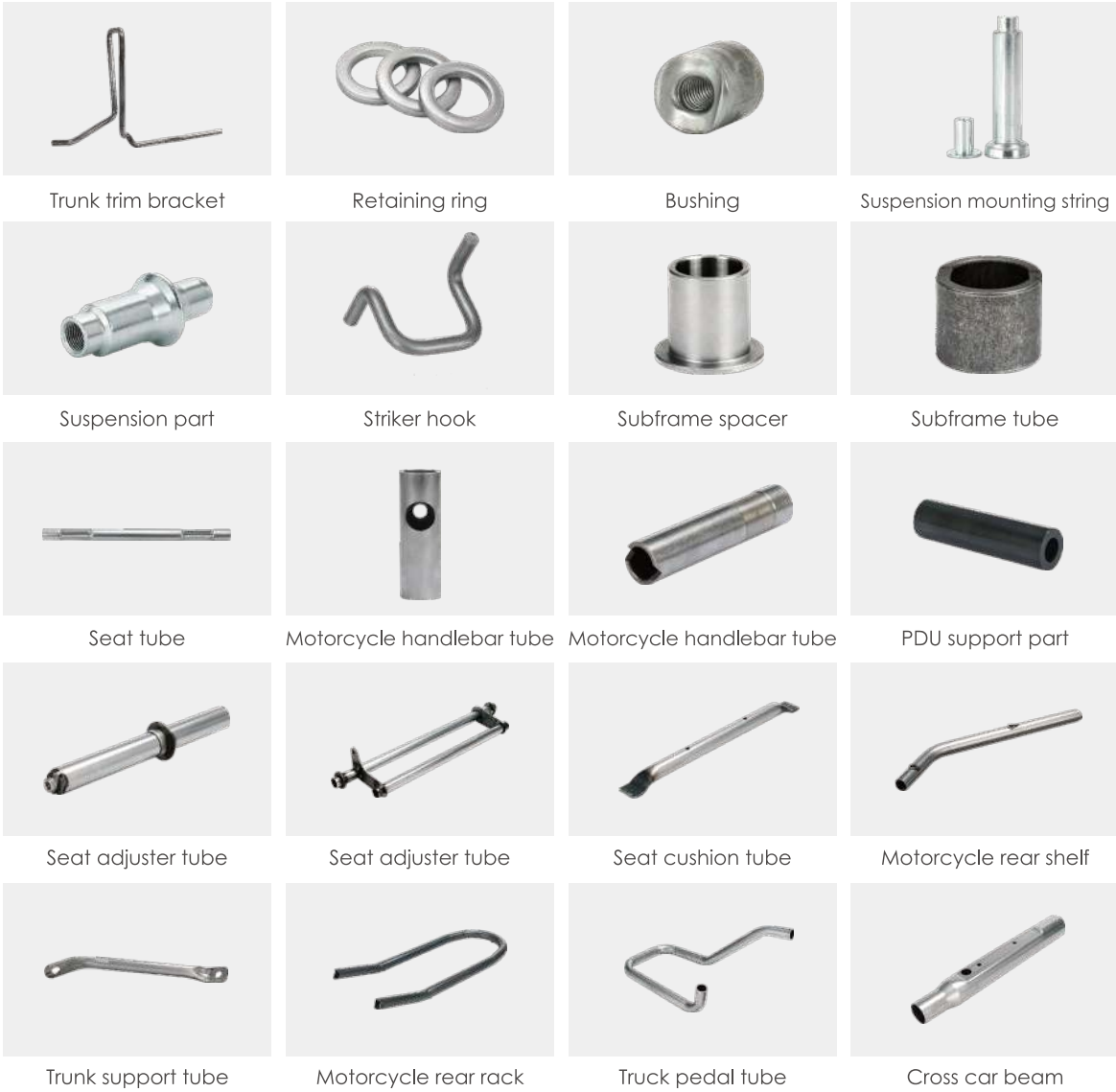
Standard: JIS G3314, EN 10346, ASTM A463.

Grade: SA1C, SA1D, DX53D, DX54D, FS, DDS.

Process: High-frequency welding, cutting, bending, stamping, tube end molding, laser cutting.








OTHER AUTOMOTIVE PARTS



PRODUCTION STANDARD

| Execution Standard | Standard Name |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| JIS-G 3445:2015 | Carbon steel tubes for machine structural purpose |
| EN 10305-1:2016 | Steel tubes for precision applications - Technical delivery conditions - Part 1: Seamless cold drawn tubes |
| EN 10305-2:2016 | Steel tubes for precision applications - Technical delivery conditions - Part 2: Welded cold drawn tubes |
| EN 10305-3:2016 | Steel tubes for precision applications - Technical delivery conditions - Part 3: Welded cold sized tubes |
| EN 10305-4:2016 | Steel tubes for precision applications - Technical delivery conditions - Part 4: Seamless cold drawn tubes for hydraulic and pneumatic power systems |
| EN 10305-5:2016 | Steel tubes for precision applications - Technical delivery conditions - Part 5: Welded cold sized square and rectangular tubes |
| ASTM A519:2021 | Standard specification for seamless carbon and alloy steel mechanical tubing |
| ASTM A 513:2021 | Standard specification for electric-resistance-welded carbon and alloy steel mechanical tubing |
| GB/T 13793:2016 | Steel pipes with a longitudinal electric (resistance) weld |
| GB/T 3639:2020 | Seamless cold-drawn or cold-rolled steel tubes for precision applications |

PRODUCT
SPECIFICATION

| Type | Specification | | | | | | | | | | | | Unit: MM | | | | |
|----------------------------------------------------------------------------------------------------------------------------|---------------|-----------|-----------|------------|------------|--|------------|------------|-----------|-----------|-------------|------------|----------|--|--|--|------------------------------------------------------------------------|
| <div>Round Tube</div> <div></div> | 8.00 | 9.50 | 10.00 | 11.00 | 11.85 | | 12.30 | 12.70 | 13.00 | 13.50 | 14.00 | 15.00 | | | | | |
| | 15.90 | 16.00 | 17.50 | 18.00 | 18.30 | | 19.00 | 19.20 | 19.40 | 20.00 | 20.50 | 21.00 | | | | | |
| | 21.30 | 21.50 | 22.20 | 23.42 | 23.70 | | 24.70 | 25.00 | 25.40 | 26.00 | 26.75 | 27.00 | | | | | |
| | 27.50 | 28.00 | 28.20 | 28.60 | 30.00 | | 30.80 | 31.80 | 32.35 | 32.95 | 33.30 | 34.00 | | | | | |
| | 35.00 | 35.50 | 37.00 | 38.10 | 40.00 | | 42.00 | 42.70 | 43.50 | 44.50 | 45.00 | 47.00 | | | | | |
| | 47.60 | 48.60 | 49.30 | 50.00 | 50.80 | | 51.20 | 55.00 | 57.00 | 60.00 | 61.00 | 63.50 | | | | | |
| | 70.00 | 72.00 | 75.00 | 76.20 | 80.00 | | 87.50 | 89.00 | 125.00 | 127.00 | | | | | | | |
| <div>Square tube</div> <div></div> | 7.6*7.6 | 9*9 | 10*10 | 12.7*12.7 | 13*13 | | 15*15 | 16*16 | 18*18 | 19*19 | 19.5*19.5 | 20*20 | | | | | |
| | 20.5*20.5 | 21*21 | 21.4*21.4 | 22*22 | 25*25 | | 25.4*25.4 | 28.6*28.6 | 30*30 | 31*31 | 31.75*31.75 | 33*33 | | | | | |
| | 35*35 | 38*38 | 40*40 | 44.5*44.5 | 45*45 | | 48*48 | 50*50 | 50.8*50.8 | 57.4*57.4 | 60*60 | 64*64 | | | | | |
| | 65*65 | 70*70 | 75*75 | 76.2*76.2 | 90*90 | | 100*100 | | | | | | | | | | |
| <div>Rectangular Tube</div> <div></div> | 6*10 | 8*16 | 8*20 | 8.9*34.3 | 9.5*38.1 | | 10*16 | 10*17.8 | 10*20 | 10*30 | 12*22 | 12.5*25 | | | | | |
| | 12.7*25.4 | 12.7*31.8 | 12.7*38.1 | 12.7*50.8 | 13*19 | | 13*26 | 14*20 | 14*21 | 14*24 | 14*32 | 15*25 | | | | | |
| | 15*30 | 15.5*34.5 | 15.8*41.3 | 16*40 | 16.8*42.3 | | 17*34 | 17*42 | 18.3*56.2 | 19*38 | 19.05*31.75 | 19.05*38.1 | | | | | |
| | 20*30 | 20*35 | 20*40 | 20*50 | 20*60 | | 20*75 | 20.3*58.2 | 21.8*47.2 | 22*32 | 23*53 | 25*30 | | | | | |
| | 25*35 | 25*38 | 25*40 | 25*50 | 25.4*38.1 | | 25.4*50.8 | 25.4*70 | 25.4*76.2 | 26*50 | 27*80 | 29.5*80 | | | | | |
| | 30*40 | 30*50 | 30*55 | 30*60 | 30*70 | | 30*80 | 30*90 | 31.8*50.8 | 35*57 | 35*70 | 35*130 | | | | | |
| | 38*89 | 38*58 | 38.1*50.8 | 38.1*63.5 | 38.1*88.9 | | 38.1*76.2 | 38.1*101.6 | 40*60 | 40*70 | 40*80 | 40*100 | | | | | |
| | 41.5*48 | 41.5*50.8 | 44.5*50.8 | 44.5*69.85 | 45*75 | | 44.5*101.6 | 50*75 | 50.8*76.2 | 50*80 | 50*100 | 60*120 | | | | | |
| | 63.5*88.9 | 90*130 | | | | | | | | | | | | | | | |
| <div>Flat Oval Tube</div> <div></div> | 10*24 | 10*25 | 11*22 | 12*18 | 13*36 | | 15*26 | 15*30.5 | 15*50 | 15.5*44.5 | 15.5*45 | 16*35 | | | | | |
| | 17*40.1 | 20*40 | 20*60 | 20*100 | 20*140 | | 24.9*76.2 | 28*58 | 30*60 | 30*70 | 40*80 | 40*100 | | | | | |
| | 40*137 | 41.6*70 | 50*100 | 50*110 | 31.8*50 | | 62.5*87.5 | 30*40 | 18*30 | | | | | | | | |
| <div>Oval Tube</div> <div></div> | 9*16 | 10*17 | 15*30 | 20*35 | 35.15*63.1 | | 50*100 | | | | | | | | | | |
| Thickness: 0.6-5.0MM | | | | | | | | | | | | | | | | | The specification can be made according to the customer's requirement. |

STORAGE AND LOGISTICS

CBIES AUTOMOTIVE places great emphasis on quality control throughout the entire packaging and transportation process. Our storage team carefully inspects each product before packaging to ensure that it is in good condition and ready for transportation.

CBIES AUTOMOTIVE strictly adheres to the international packaging standards in order to ensure the safety of the products and reduce the possibility of damage during transportation. And all the packaging materials are recyclable and eco-friendly to help minimize the environmental impact.

We offer customized packaging services to meet the specific needs of our customers, including customized product labels, markings, folding and packaging services to make it easier to identify and manage inventory. And we provide comprehensive transportation services to ensure timely and accurate delivery of products.

Door-to-door services don't stop at the harbour. CBIES AUTOMOTIVE has its own logistics department and freight forwarder which set up an efficient logistics infrastructure and organization in most of the global markets.

Our scale and presence creates cost efficiencies in intercontinental shipping as well as local customs clearing, warehousing and road transportation services. We take care of the last-mile logistics, and can invoice on DDP basis and also provide 3PL(third party logistics) services.

