



**THACO INDUSTRIES**



[thacoindustries.com](http://thacoindustries.com)



(+84) 933 805 707



[partsales@thaco.com.vn](mailto:partsales@thaco.com.vn)



[facebook.com/thaco.industries](https://facebook.com/thaco.industries)

THACO CHU LAI IZ, NUI THANH DIST., QUANG NAM PROVINCE, VIETNAM

**SUPPORTING INDUSTRIES & MECHANICS  
CORPORATION**



## CONTENTS

<b>GENERAL INFORMATION</b> .....	04
<b>MECHANICAL MANUFACTURING AND PROCESSING COMPLEX</b> .....	06
<b>PLANTS/ PRODUCTS</b> .....	08
• MECHANICAL PROCESSING & MOLD DIES	
• INDUSTRIAL EQUIPMENT	
• AGRO-FORESTRY MECHANICS	
• CONSTRUCTION MECHANICS	
• AUTOMOBILE MECHANICS	
<b>SUPPORTING INDUSTRIAL ZONE</b> .....	24
<b>PLANTS/ PRODUCTS</b> .....	26
• PLASTIC COMPONENTS PLANT	
• GLASS PLANT	
• SEAT PLANT	
• ELECTRIC COMPONENTS PLANT	
• AIR CONDITIONER PLANT	
• INTERIOR COMPONENTS PLANT	
• AUTOMOTIVE SPRINGS PLANT	
• BODY PARTS PLANT	
• COMPOSITE PLANT	
• SEALANT & SPECIALIZED FLUID PLANT	
• GLOVE PLANT	
• PACKAGING PLANT	
<b>RESEARCH &amp; DEVELOPMENT ACTIVITY</b> .....	44
<b>QUALITY CONTROL SYSTEM</b> .....	46
<b>CERTIFICATES</b> .....	48
<b>EXPORT MARKET &amp; CUSTOMERS</b> .....	50

## GENERAL INFORMATION

**Supporting Industries & Mechanics Corporation - THACO Industries** has the area of 120 ha, investment capital of USD 550 million with 5,500 employees. THACO Industries includes mechanical manufacturing & processing complex, supporting industrial zone and R&D center with the purpose of researching and developing products to meet the unique needs of customers. As a pioneer enterprise in investing in the development of mechanical engineering and supporting industries with the largest scale in Vietnam, THACO Industries sets the goal for joining the global value chain with the strategic vision and thinking.

### VISION

TO BECOME THE LEADING CORPORATION IN VIETNAM  
MANUFACTURING MECHANICS AND SUPPORTING INDUSTRIES SECTOR,  
ASEAN & INTERNATIONAL INTEGRATION

### MISSION

TO BRING THE HIGHEST VALUE TO CUSTOMERS,  
AND TO MAKE CONTRIBUTION INTO THE VIETNAM MECHANICS  
AND SUPPORTING INDUSTRIES DEVELOPMENT STRATEGY

THACO INDUSTRIES PROVIDES 4 MAIN CATEGORIES:

**Mechanical products:** Supplying steel material, mechanical processing, mold dies, construction mechanics, industrial equipment, agro-forestry mechanics, semi-trailers and specialized equipment.

**Automotive and motorcycle products:** glass, leaf springs, condenser, air-conditioner, wire harness, interior- exterior components, accessories.

**Other products:** engineering plastic, civil glass, sealant and specialized fluid, electricity - electronics - refrigeration wire harness, composite products used for construction - civil - industry - agriculture, packaging, glove.

**Services:** designing, testing material, surface treatment (zinc-electroplating, blasting, heat treatment, ED coating, powder coating).

In domestic market, THACO Industries became strategic partner of automotive brands as Kia, Mazda, Peugeot, Toyota, Hyundai, Isuzu and some enterprises as Doosan Vina, Makitech, Agata, Three Star, OGS, GE, Amann, Wanek... Many products have been especially exporting to USA, Germany, Italy, Russia, Australia, Poland, Korea, Japan, India, Portugal, Turkey, Kazakhstan... and ASEAN countries.



# MECHANICAL MANUFACTURING & PROCESSING COMPLEX

- 01 STEEL PROCESSING PLANT
- 02 MOLDS PLANT
- 03 MECHANICAL COMPLEX
- 04 SPECIAL VEHICLES PLANT



## STEEL PROCESSING PLANT



**Area:** 5 ha  
**Capacity:** 255,000 ton/ year  
**Products:** Steel material, non-ferrous metal, precision mechanical parts...



**SLITTING LINE**  
Quantity: 03 lines  
Thickness: 0.3 - 6 mm  
Width: 50 - 1,200 mm



**FIBER LASER CUTTING MACHINE**  
Quantity: 04 machines  
Thickness: 25 mm  
Cutting size: 12,300 x 2,000 mm



**SQUARE STEEL, TUBE STEEL LASER CUTTING MACHINE**  
Thickness: 8 mm (steel); 4 mm (inox)  
Cutting size:  $\varnothing 20 - 220$  mm;  $\square 15 - 155$  mm



**HYDRAULIC PRESS MACHINE 1,000 TONS**  
Press force: 1,000 tons  
Working table size: 3,500 x 2,200 mm



**Area:** 5,000 m<sup>2</sup>  
**Capacity:** 600 sets/ year  
**Products:** Plastic injection mold, plastic extrusion mold, stamping dies, precision mechanical processing and heat treatment...



**VERTICAL MILLING MACHINE**

Quantity: 02 machines  
 Max load on table: 30,000 kg  
 Axis travel: 4,200 x 3,000 x 1,100 mm



**CNC GUN DRILLING MACHINE**

Max load on table: 20,000 kg  
 Axis travel: 2,500 x 1,250 x 1,700 mm  
 Drill diameter: Ø3 - 32 mm



**EDM MACHINE**

Max load table: 16,000 kg  
 Axis travel: 2,700 x 1,100 x 600 mm



**HEAT TREATMENT FURNACE**

Weight: 450 kg  
 Size: 1,000 x 1,150 x 800 mm  
 Hardness: 58 - 62 HRC



**Area:** 13 ha  
**Capacity:** 300,000 mechanical component sets/ year  
**Products:** Automobile mechanics, construction mechanics, industrial equipment, agro-forestry mechanics, surface treatment...



**WELDING ROBOT LINE**  
Quantity: 100 machines  
Gas metal arc welding  
Flux cored arc welding



**SHOT BLASTING BOOTH**  
Load: 10,000 kg  
Max material size: 14,000 x 2,500 x 3,500 mm



**ZINC-ELECTROPLATING LINE**  
Load: 150 kg  
Axis travel: 1,800 x 1,400 x 400 mm



**POWDER COATING LINE**  
Load: 140 kg  
Max material size: 5,500 x 2,000 x 600 mm

## SPECIAL VEHICLES PLANT



**Area:** 20 ha  
**Capacity:** 30,000 products/ year  
**Products:** Semi-trailers, special semi-trailer, special heavy vehicle...



**CNC GAS & PLASMA CUTTING MACHINE**  
Thickness: 150 mm  
Cutting size: 3,200 x 15,000 mm



**CNC PRESSING MACHINE 12 METERS**  
Thickness: 0.6 - 12 mm  
Workable length: 12,000 mm



**CNC PLATE ROLLING MACHINE**  
Maximum length: 2,550 mm  
Diameter axes: 300 mm  
Maximum thickness: 13 mm



**SEMI-TRAILER CHAIN TURNING EQUIPMENT**  
Max load on table: 10 tons  
Dimension: 6,000 x 4,100 x 5,000 mm



# PRODUCTS

## MECHANICAL PROCESSING & MOLD DIES



Steel coil roll



Steel sheets, non-ferrous metal



Square steel, tube steel



Plastic injection mold



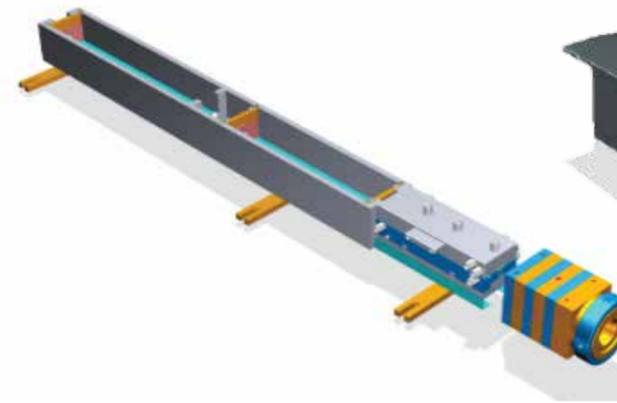
Stamping dies



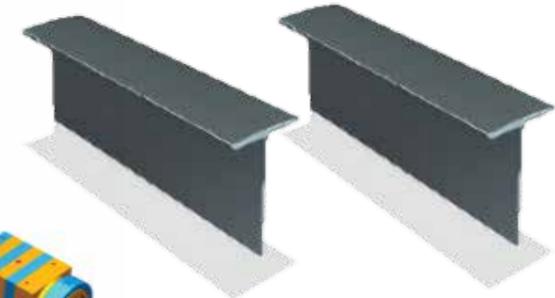
Punching & pressing parts



Bending parts



Plastic extrusion mold



Stamping parts



Laser cutting items



Precision mechanical processing



Heat treatment



# PRODUCTS

## INDUSTRIAL EQUIPMENT



Jig/ Fixtures



Electric monorail system



Industrial control cabinet



Tool cabinet



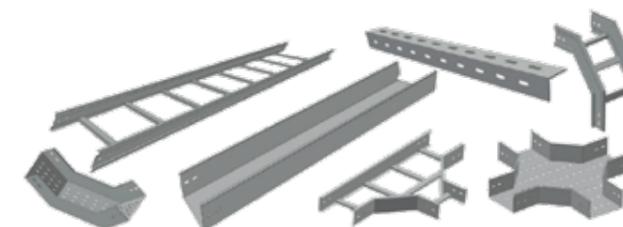
Automatic guided vehicle (AGV)



Crane base



Four-posts lifter



Cable trunking



Conveyor



Storage shelves



Processing line for fodder



Processing line for fruits, vegetables



# PRODUCTS

## AGRO-FORESTRY MECHANICS



Disc plough



Tree planting equipment



Chemical sprayer system



Mixer machine



Feed storage farm silo



Farm equipment

## CONSTRUCTION MECHANICS



Construction and civil steel assy



Pre-engineered steel building



Ventilation and air-conditioning system



Construction building installation



# PRODUCTS

## AUTOMOBILE MECHANICS



Dump box



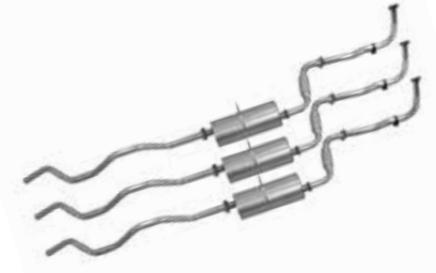
Refrigeration box



Seat frames



Hydraulic cylinders



Exhaust systems



Specialized medical truck body for X-ray and ultrasound



Specialized truck body for mobile vaccination



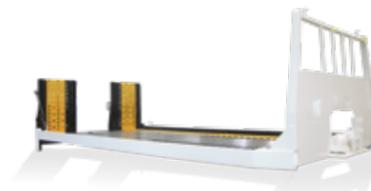
45' Gooseneck 3 axles, 06 twist locks



40' Flatbed 3 axles, 08 twist locks



Fuel tank



Safety loader deck



Heavy dump, 17 m<sup>3</sup>



Carrier semi trailer

# SUPPORTING INDUSTRIAL ZONE

- 01 PLASTIC COMPONENTS PLANT
- 02 GLASS PLANT
- 03 SEAT PLANT
- 04 ELECTRIC COMPONENT PLANT
- 05 AIR-CONDITIONER PLANT
- 06 INTERIOR PARTS PLANT

- 07 AUTOMOTIVE SPRINGS PLANT
- 08 BODY PARTS PLANT
- 09 COMPOSITE PLANT
- 10 SEALANT & SPECIALIZED FLUID PLANT
- 11 GLOVES PLANT
- 12 PACKAGING PLANT



## PLASTIC COMPONENTS PLANT



**Area:** 3.5 ha  
**Capacity:** 32,000,000 products/year  
**Products:** Plastic components for truck - bus - passenger car, civil & industrial plastic,...



**3,200 TONS INJECTION MACHINE**  
 Injection pressure: 200 Kg/cm<sup>2</sup>  
 Productivity: 120,000 products/year



**ROBOT PAINTING**  
 Quantity: 5 robots  
 Capacity: 160,000 sets/year

## PLASTIC COMPONENTS FOR CAR



Luggage compartment



Car bumper



Seating cover



Wheel rim cover

## CIVIL & INDUSTRIAL PLASTIC



Plastic sink



Industrial trolleys pallet



Plastic core spun thread



HDPE plastic pipe



Hydroponic plastic pipe



Plastic bottle

## GLASS PLANT



**Area:** 6 ha  
**Capacity:** 50,000 sets/year  
**Products:** Truck - bus glass, passenger car windshield, truck barrel glass, electric vehicle glass, excavator glass, construction and civil glass,...



**SINGLE BENDING FURNACE**  
 Output dimension: 2,000x3,000 mm  
 Productivity: 380 Kw



**2D GLASS TEMPERING FURNACE**  
 Glass dimension (max): 2,200x1,500 mm  
 Glass thickness: 3.5~6 mm

## CAR GLASS



Door glass, side-fixed glass & windshield

## HOUSEHOLD EQUIPMENT GLASS



Tempered glass

**SEAT PLANT**



**Area:** 12,000 m<sup>2</sup>  
**Capacity:** 90,000 sets of chairs - beds/year and 300,000 sets of export chairs/year  
**Products:** Truck - bus - passenger seats, car seat components, car accessories (gear knob & seat cover, steering wheel cover, floor mat...)



**AUTOMATIC SEWING MACHINE**  
 Quantity: 800 machines  
 Capacity: 1,000 sets/day



**CAR SEAT ASSEMBLY LINE**

**CAR SEAT**



Truck seat



Bus seat



Passenger car seat

**CAR ACCESSORIES**



Passenger car cover



Floor mat



Gear knob



Sun protector cover



Car cover



Backrest & neck pillow

## ELECTRIC COMPONENT PLANT



**Area:** 7,000 m<sup>2</sup>

**Capacity:** 65,000 sets/year

**Products:** Truck - bus - passenger car wire harness, electric bicycle wire harness, booster cable, electronic - refrigeration wire harness,...



### TERMINAL CUTTING MACHINE

Quantity: 29 machines

Capacity: 600 products/hour

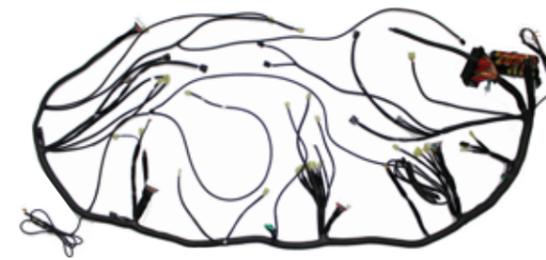


### AUTOMATIC CUTTING MACHINE

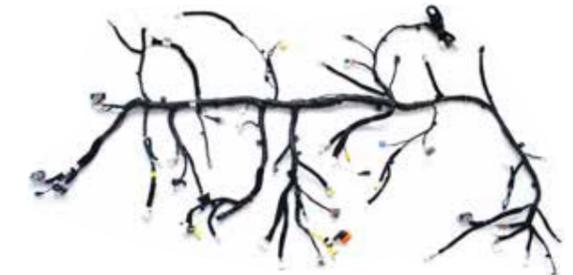
Quantity: 9 machines

Capacity: 1,200 products/hour

## CAR WIRE HARNESS



Bus wire harness

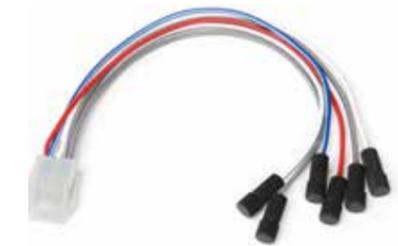


Passenger car wire harness

## ELECTRICAL - ELECTRONIC - REFRIGERATION WIRE HARNESS PRODUCTS



Electronic equipment's wire harness



Refrigeration equipment's wire harness



## AIR CONDITIONER PLANT



**Area:** 5,000 m<sup>2</sup>

**Capacity:** 300,000 sets/year

**Products:** Air conditioner, exhaust gas pipe, condenser for truck - bus - passenger car,...



### FIN MACHINE

Strip input speed: Max 300 m/min  
Fin thickness: 0.08~0.2 mm



### NB FURNACE

Temperature brazing furnace: Max 650°C  
Capacity: 90 products/hour

## AIR-CONDITIONER AND AIR-CONDITIONER PARTS



Bus evaporator



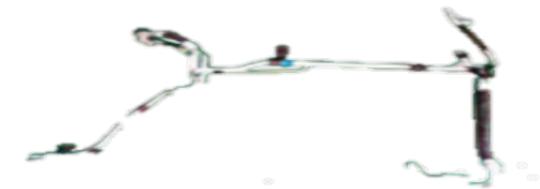
Bus air conditioner



Passenger car air conditioner



Condenser



Exhaust gas pipe



**Area:** 3,200 m<sup>2</sup>  
**Capacity:** 45,000 sets/year  
**Products:** Plastic interior, car - bus - truck PU Foam; extrusion, blowing plastic products,...



**EXTRUSION BLOW MOLDING MACHINE 0.5~5L**  
 Production volume: 0.5L~5L  
 Material: HDPE, LDPE...



**EXTRUSION BLOW MOLDING MACHINE 10~30L**  
 Production volume: 10L~30L  
 Material: HDPE, LDPE, ABS...



Front headlining



Rear headlining



Dashboard - assy main



Luggage compartment mat



Spoiler



Trim partition side



Bus bed frame cover (RR)



Bus bed frame cover (FRT)

## AUTOMOTIVE SPRINGS PLANT



**Area:** 2 ha  
**Capacity:** 12,000 tons/year  
**Products:** Light truck, medium duty truck, semi-trailer springs, leaf springs products,...



LIGHT TRUCK MULTI LEAF SPRINGS



LEAF SPRINGS



MEDIUM DUTY TRUCK MULTI LEAF SPRINGS

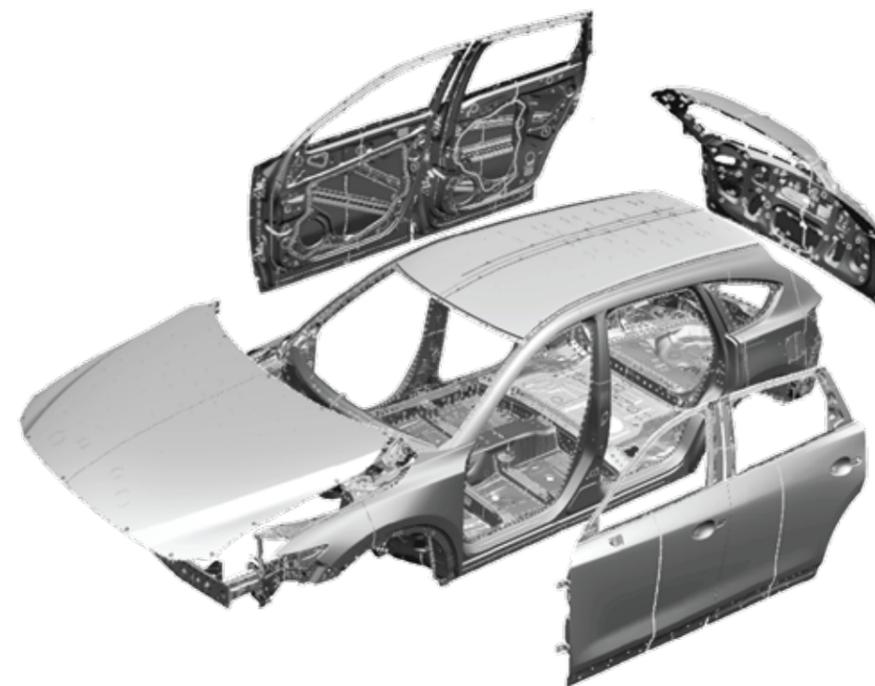


SEMI-TRAILER SPRINGS

## BODY PARTS PLANT



**Area:** 5,000 m<sup>2</sup>  
**Capacity:** 60,000 sets/year  
**Products:** Body parts for car (doors, trunk lid, hood)



## COMPOSITE PLANT



**Area:** 1.1 ha  
**Capacity:** 38,000 sets/year  
**Products:** Composite products used for construction - civil - industry - agriculture, packing, glove.



Racing seat frame



Spoiler



Canopy



Composite flower pot



Mounted sprayer tank



Garbage can

## SPECIALIZED SEALANT AND FLUID PLANT



**Area:** 2,000 m<sup>2</sup>  
**Capacity:** 900 tons sealant/year, 6,000 m<sup>3</sup> specialized fluid, 1 million tape rolls/year  
**Products:** Adhesive tape, painting workshop tape, welding workshop tape, specialized fluid.



Pre-mixed engine coolant



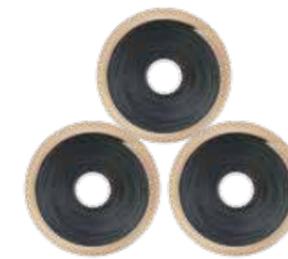
Silicone adhesive



Windshield washer fluid



Diesel exhaust fluid



Butyl tape



PVC body sealer

## GLOVE PLANT



**Area:** 5,600 m<sup>2</sup>  
**Capacity:** 100 million pairs/year  
**Products:** Latex coated gloves, PVC coated gloves, Polyester gloves, normal safety gloves.



Latex coated glove



PVC coated glove



Polyester glove



Cotton gloves

## PACKAGING PLANT



**Area:** 6,000 m<sup>2</sup>  
**Capacity:** 80,000 tons/year  
**Products:** Carton packaging for food, electronic, furniture, fashion, agriculture.



2 layers carton



3 layers carton



5 layers carton



Waterproofing carton



## RESEARCH & DEVELOPMENT ACTIVITY

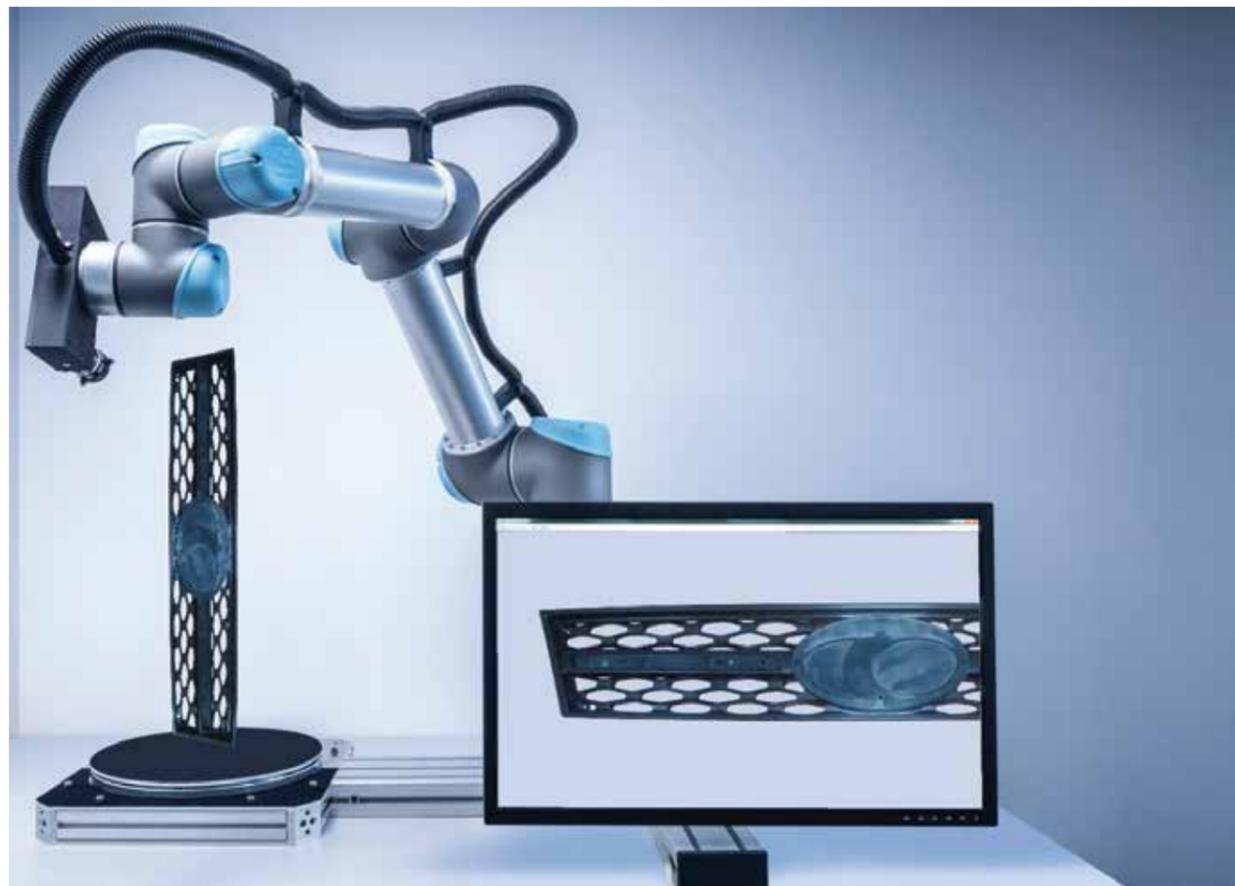
Identifying research and development as an important factor in enhancing the competitive advantage of products and brand positioning, **THACO Industries** always focuses on investing in R&D activities.

**THACO Industries** has established an R&D Center with more than 350 experienced engineers and professionals with the aim of:

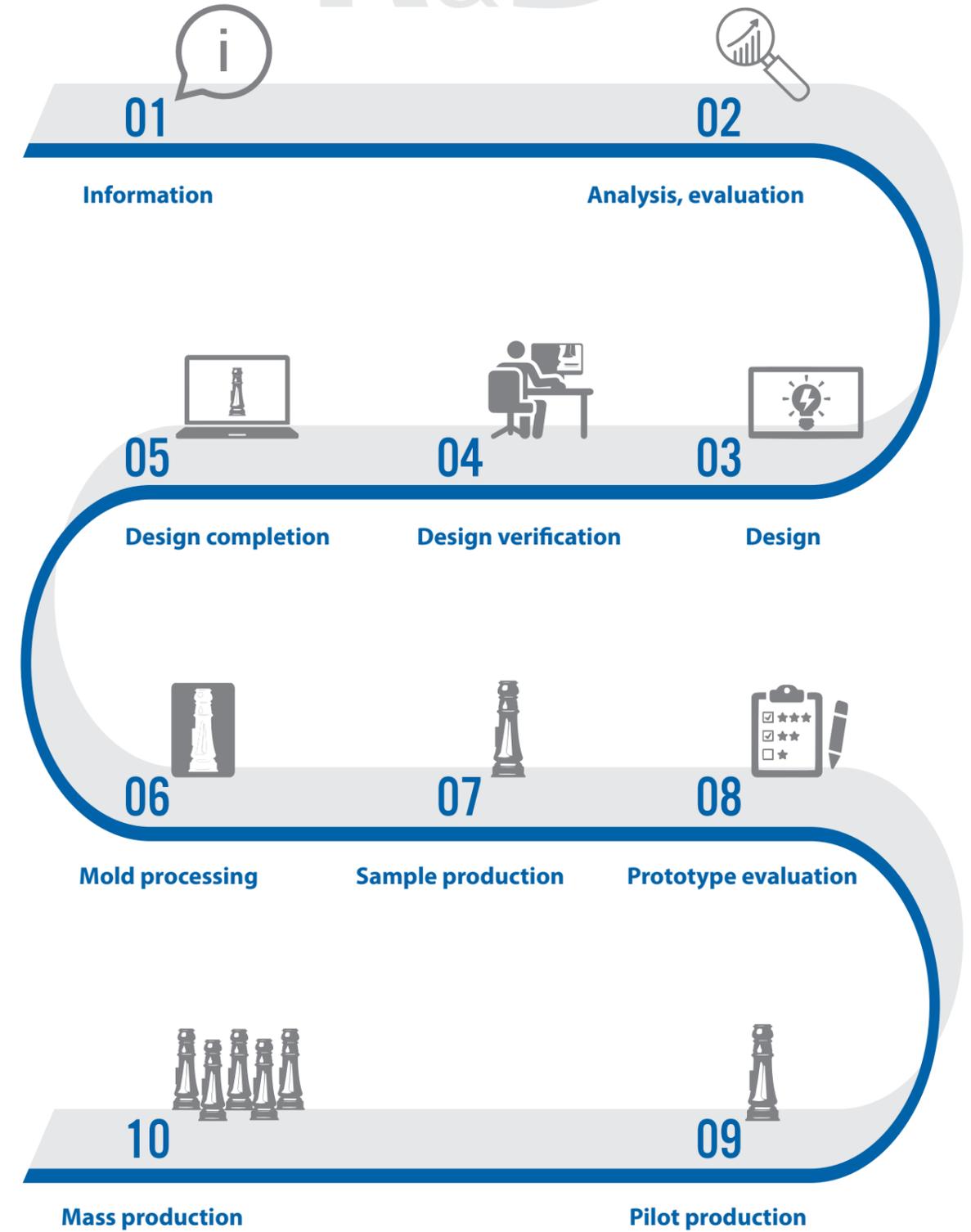
Research and development a variety of products according to the unique needs of customers.

Application of breakthrough new technology and modern design, calculation and simulation software such as NX, Catia, Moldflow, Autocad, HyperWorks...

Training to improve knowledge and skills for engineers, and recruiting experts from Korea and Japan to train young engineers and develop R&D human resources.



# R&D





**Materials - Mechanics laboratory**



**Hardness testing equipment**



**Fatigue testing equipment**



**Load testing equipment**



**Flammability tester**



**Universal mechanical material testing machine**



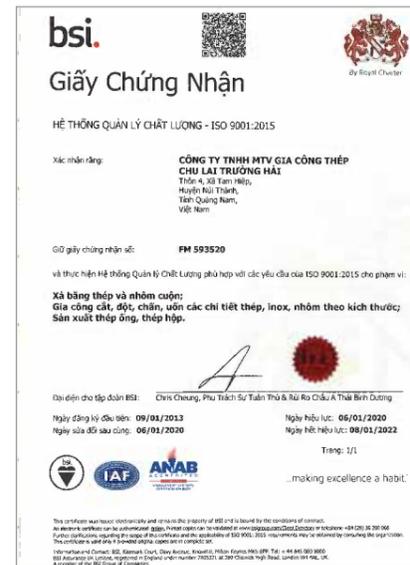
**Ultrasonic welding point machine**



**Traction and compression test machine**



**PU padding hardness tester**



**1. QUALITY MANAGEMENT SYSTEMS (IATF 16949:2016)**

- AUTOMOTIVE SPRINGS PLANT
- SEAT PLANT
- INTERIOR COMPONENTS PLANT
- PLASTIC COMPONENTS PLANT
- COMPOSITE PLANT
- AIR CONDITIONER PLANT
- ELECTRIC COMPONENTS PLANT
- GLASS PLANT
- SEALANT & SPECIALIZED FLUID PLANT

**2. QUALITY MANAGEMENT SYSTEMS (ISO 9001:2015)**

- STEEL PROCESSING PLANT
- MOLDS PLANT
- MECHANICAL COMPLEX
- SPECIAL VEHICLES PLANT
- BODY PARTS PLANT

**3. ENVIRONMENT MANAGEMENT SYSTEMS (ISO 14001:2015)**

- STEEL PROCESSING PLANT
- MOLDS PLANT
- MECHANICAL COMPLEX
- SPECIAL VEHICLES PLANT
- AUTOMOTIVE SPRINGS PLANT
- SEAT PLANT
- INTERIOR COMPONENTS PLANT
- PLASTIC COMPONENTS PLANT
- AIR CONDITIONER PLANT
- ELECTRIC COMPONENT PLANT

**4. ECE R43 TECHNICAL SAFETY CERTIFICATE**

- GLASS PLANT

# EXPORT MARKET



# DOMESTIC CUSTOMERS



# EXPORT CUSTOMERS

