

A light gray world map is centered in the background of the image, showing the outlines of continents and major landmasses.

WMSP

Worldwide Machining Spare Parts

TRADER LIMITED COMPANY

ABOUT US

- We are a company with competent engineers from the industry, which uses know-how, competence and market knowledge as service, chooses the best business partner for you in the implementation of your products and supervises your projects from the beginning to the assembly.
- With our strong network of suppliers in various fields and our many years of experience, we are able to meet your needs and requirements in the best possible way.

- OUR SERVICES

- Investment casting
- High pressure die casting
- Chill casting
- Low Pressure casting
- Machining
- Sand casting
- Laser cutting / Bending
- Welded construction
- Gears / Bevel Gears
- Reducers / Gearboxes
- Forging
- Plastic injection
- Plastic extrusion
- Aluminum extrusion
- Surface treatment
- Heat treatment

INVESTMENT CASTING

The investment casting process offers you advantages in many ways.

- High design freedom
- Economic production
- High dimensional accuracy
- High surface quality
- Free choice of material
- Extremely intricate parts are castable

Manufacture of Investment cast parts ranging from 1 gr to 100 kgs in weight, and from 1 mm to 1000 mm in size for a diverse set of high quality demanding industries such as Aerospace, Energy, Automotive, Healthcare, Valves and Pumps, Textile and General Machinery.

CASTING MATERIAL TYPES

- Steel Alloys
- Stainless Steel Alloys
- Aluminum Alloys
- Copper Alloys
- Cobalt Alloys
- Super Alloys
- Cast Titanium

High Pressure Die Casting

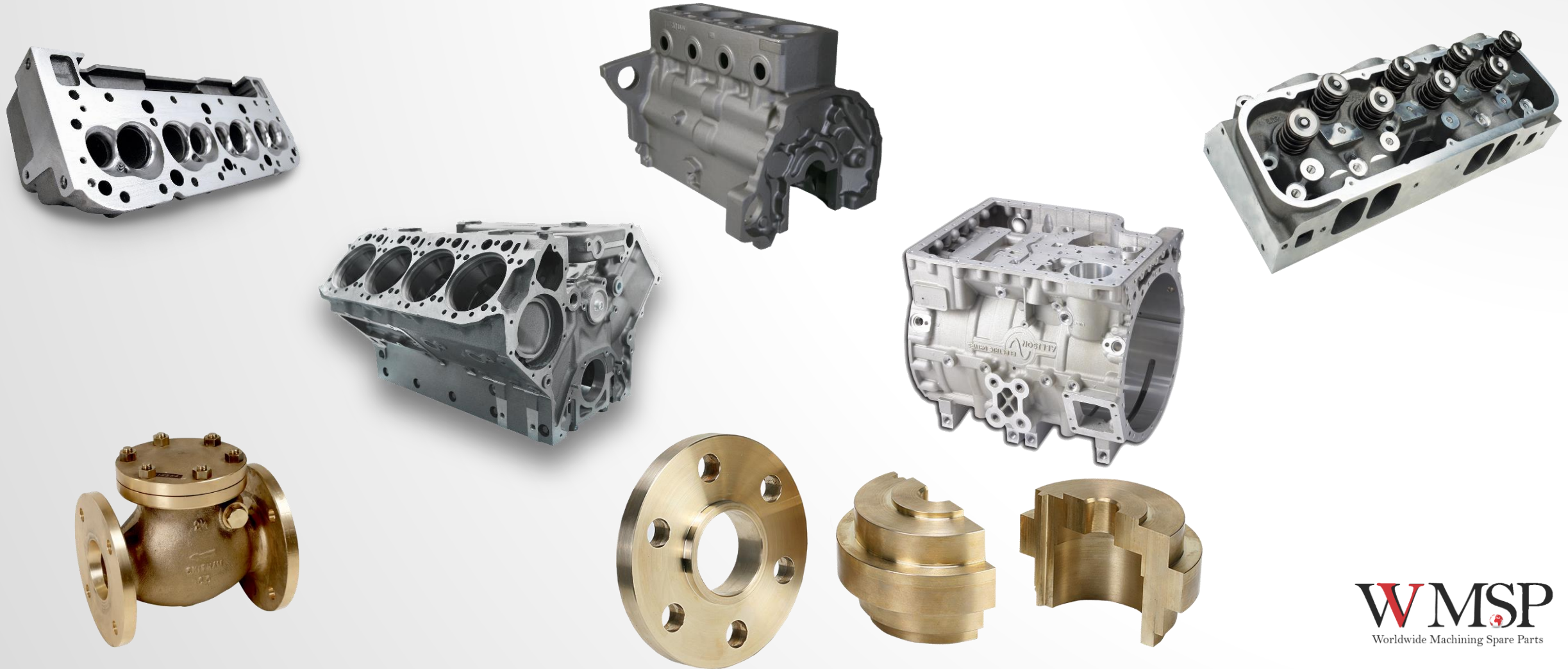
ADVANTAGES OF DIE CASTING :

LOWER COSTS COMPARED TO OTHER PROCESSES. ECONOMICAL - TYPICALLY, ANY NUMBER OF COMPONENTS FROM THOUSANDS TO MILLIONS CAN BE MADE BEFORE REPLACEMENT IS REQUIRED. CASTINGS WITH TIGHT DIMENSIONAL CONTROL AND GOOD SURFACE QUALITY.

CASTINGS WEIGHING FROM 10 G TO 50 KG SUPPLIER CERTIFICATIONS

- IATF 16949
- AS 9100
- AD-2000 MERKBLATT W0

HIGH PRESSURE DIE CASTING



CHILL CASTING

Benefits of Chill Casting:

Chill Cast offers many benefits for manufacturers looking for a more efficient method of making Functional components and improving quality. Chill cast molds are precision machined from metallic material with excellent thermal conductivity and thermal fatigue properties.

Cast Parts ranging from 10 gr to 20 kg in weight



Automatic Turned Parts



SAND CASTING

- The sand molding process offers a wide range of design options while at the same time making it cheaper and faster.
- With the molding we can flexibly respond to your needs and offer you the most economical solution.
- We can supply you parts from 0.1 KG up to 15.000 KG individual weight in diverse procedure forms
- Our cast suppliers for the automotive and aerospace industries are certified according to IATF 16949 and EN 9100.

- *Different Material Options*

- Alloyed Steel
- Carbon Steel
- Gray Cast Iron / Spheroidal Cast Iron
- Aluminum



LASER CUTTING / BENDING

In our scope of delivery are bent parts and stamped parts as well as laser cutted and assembled parts according to your needs from certified Suppliers



WELDED CONSTRUCTION

- Welded Components are all manufactured by suppliers certified according to ISO Standards.



GEARS – BEVEL GEARS

- With our extensive supplier portal, We can cover all your needs in the field of Gears and Bevel Gears.



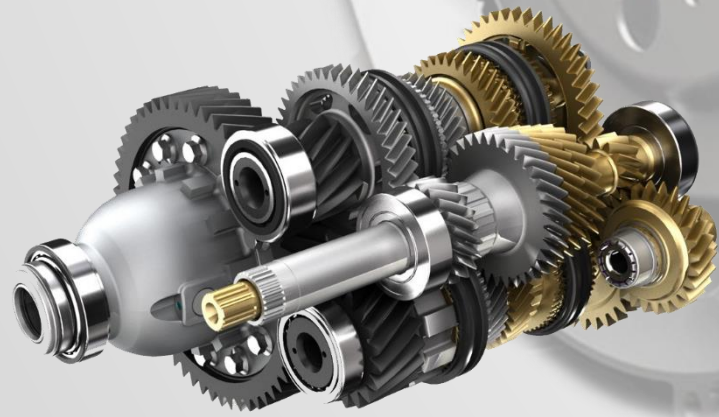
FORGING

- With our extensive supplier portal, we can cover all your needs in the field of cold and hot forged castings.
- Trust us in choosing the right supplier for your needs.



REDUCERS / GEAR BOXES

- All types of reducers and gearboxes that are manufactured in state-of-the-art facilities are used in various sectors around the world.
- In our high-tech factories, all types of special reducers and gears can be manufactured as required.



PLASTIC INJECTION / EXTRUSION

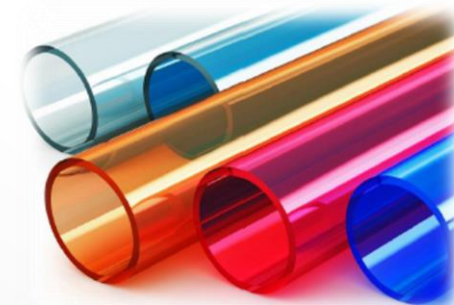
- Injection molding is a manufacturing process for producing parts by injecting molten material into a mold, or mold. Injection molding can be performed with a host of materials mainly including metals (for which the process is called die-casting), glasses, elastomers, confections, and most commonly thermoplastic and thermosetting polymers.
- Material for the part is fed into a heated barrel, mixed (using a helical shaped screw), and injected into a mold cavity, where it cools and hardens to the configuration of the cavity.
- Injection molding is widely used for manufacturing a variety of parts, from the smallest components to entire body panels of cars.
- Parts to be injection molded must be very carefully designed to facilitate the molding process; the material used for the part, the desired shape and features of the part, the material of the mold, and the properties of the molding machine must all be taken into account. The versatility of injection molding is facilitated by this breadth of design considerations and possibilities.



Plastics Extrusion

is a high-volume manufacturing process in which raw plastic is melted and formed into a continuous profile. This process starts by feeding plastic material (pellets, granules, flakes or powders) from a hopper into the barrel of the extruder.

PLASTIC INJECTION / EXTRUSION



ALUMINUM EXTRUSION

- Aluminum profiles are shaped by using profile molds in the extrusion line.
- The aluminum molds can both be in standard shapes or be designed customized to your needs. Our suppliers are approved manufacturer for Automotive



SURFACE TREATMEN

- Galvanization
- Electropolishing
- Zinc nickel coating
- Manganese phosphate coating
- Chromate and hard chromate coating
- Cathaphoresis coating
- Powder coating in various RAL colors and more

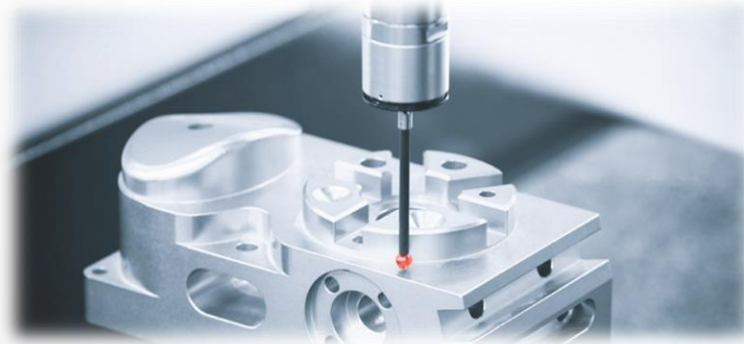
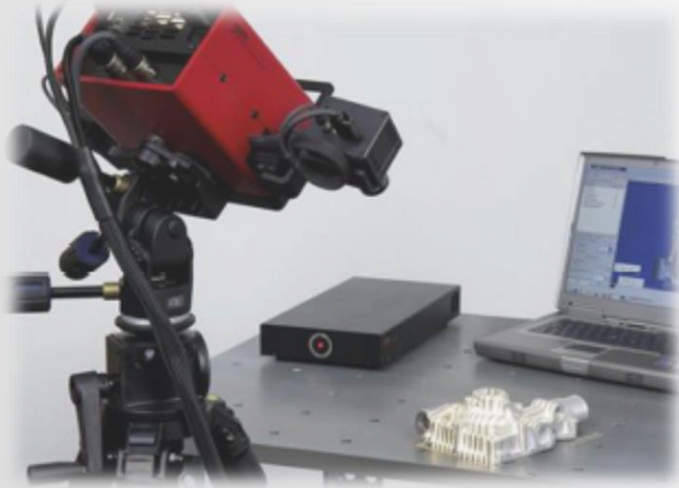


HEAT TREATMENT

- Our Heat treatment suppliers are approved by the Aviation and Automotive Industries
- Normalizing
- Stress Relieving
- Quenching and Tempering
- Annealing
- Vacuum Hardening
- Decarburization
- Nitriding
- Carburization
- Case Hardening and more
- Homogenization

QUALITY

- Our quality control systems are in line with the standards requested by our customers at every production stage.
- WORLDWIDE has been certified according to ISO-9001:2015 and has implemented a quality management system.
- Our products are manufactured and checked according to the highest quality standards.
- Our suppliers are certified under ISO-9001:2015, IATF 16949, NADCAP and / or AS 9100.



WORLDWIDE MACHINING SPARE PARTS

TRADER LIMITED COMPANY

THANK YOU FOR INTEREST

