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SANAYİ VE TİCARET LTD.ŞTİ.

ALUMINIUM FOUNDRY

PATTERN
FOUNDRY
HEAT TREATMENT
CNC MACHINING
DIE CASTING
GRAVITY CASTING
QUALITY INSPECTION



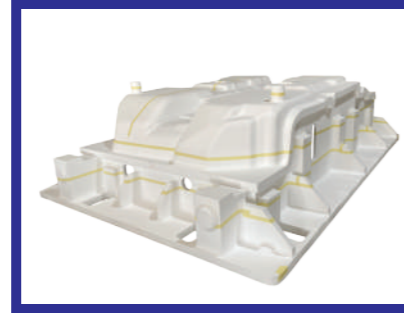
www.uyardokum.com

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ALUMINIUM FOUNDRY

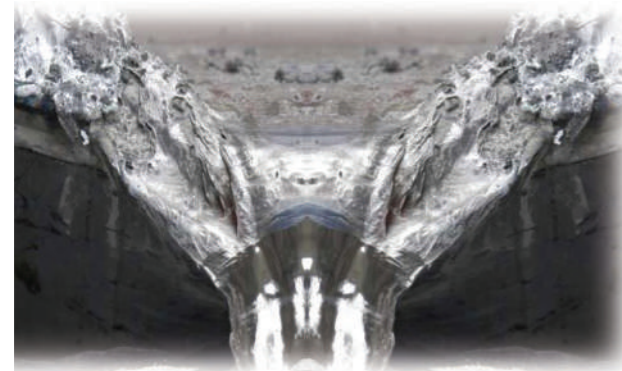


PATTERN

POLYSTYROL PATTERN PRODUCTION

- CNC milling machines and CAD-CAM support (CatiaV5™).

FOUNDRY



- The Casting of single part aluminium alloys from **1 kg. to 4000kg.**

CASTING MOLDING SIZE - **8000 x 4000 x 2000**

There are 2 tilted type of furnaces in our melting department.

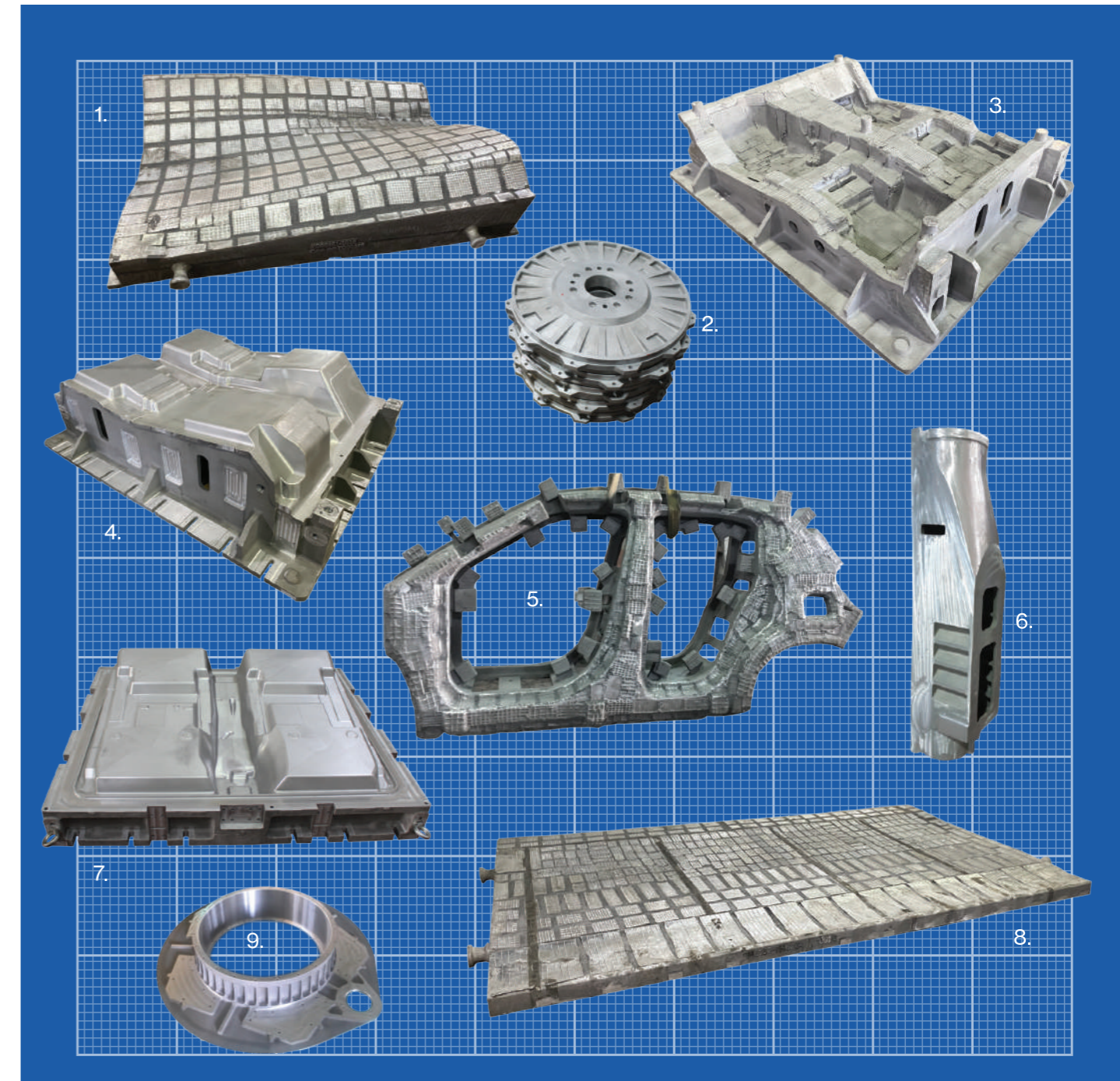


- 2 automatic mixers for resin bonded sand
- Mechanical sand reclamation units
- Rotary Degassing Systems
- Shot blasting and painting utilities

HEAT TREATMENT

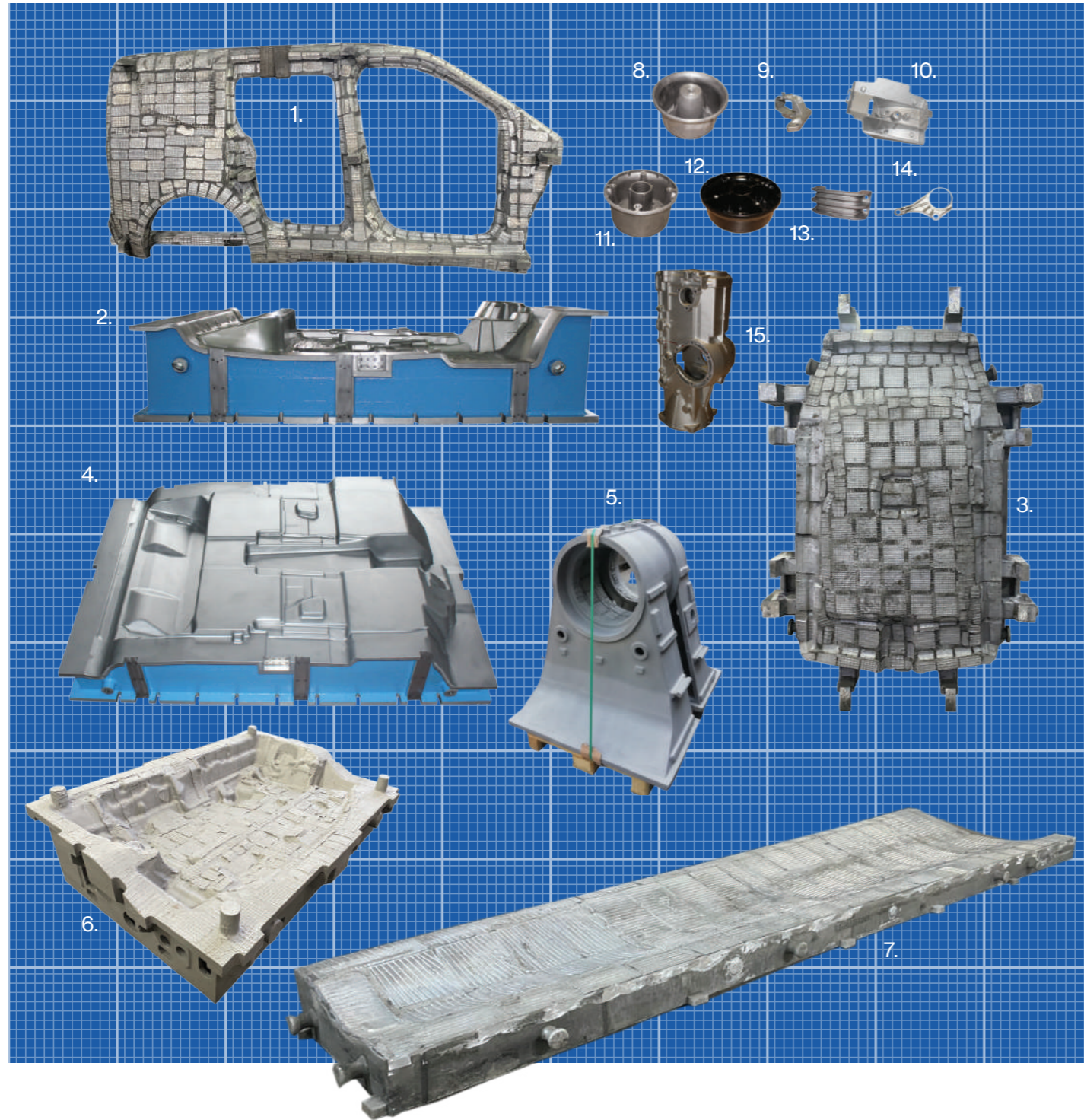


- T6



SAND CASTINGS

1. 4800 x 2300 x 700	2450kg.	AlSi7Mg
2. 600 x 1200	350 kg.	AlZn10Si8Mg
3. 2100 x 1700 x 1000	1150kg.	AlSi9Cu3
4. 2600 x 2300 x 930	1500kg.	AlSi9Cu3
5. 4500 x 1900 x 850	1400kg.	AlZn10Si8Mg
6. 1150 x 500	150 kg.	AlSi7Mg-T6
7. 2100 x 1400 x 700	1150kg.	AlSi9Cu3
8. 6400 x 2100 x 500	2850kg.	AlMg3.5
9. 1200 x 1100 x 310	190 kg.	AlSi7MgT6

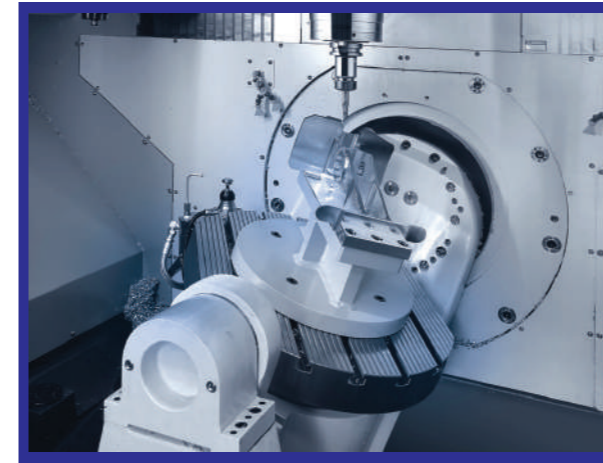


SAND CASTINGS

- | | |
|-----------------------|---------------------|
| 1. 3800 x 1600 x 600 | 1350kg. AlZn10Si8Mg |
| 2. 2200 x 1900 x 1100 | 2200kg. AlSi9Cu3 |
| 3. 2500 x 1850 x 800 | 2050kg. AlMg5 |
| 4. 2200 x 1900 x 900 | 2230kg. AlSi8Cu3 |
| 5. 1200 x 800 x 500 | 235kg. AlSi7Mg-T6 |
| 6. 1600 x 1400 x 900 | 1080kg. AlSi9Cu3 |
| 7. 7800 x 1800 x 400 | 3450kg. AlSi10Mg |

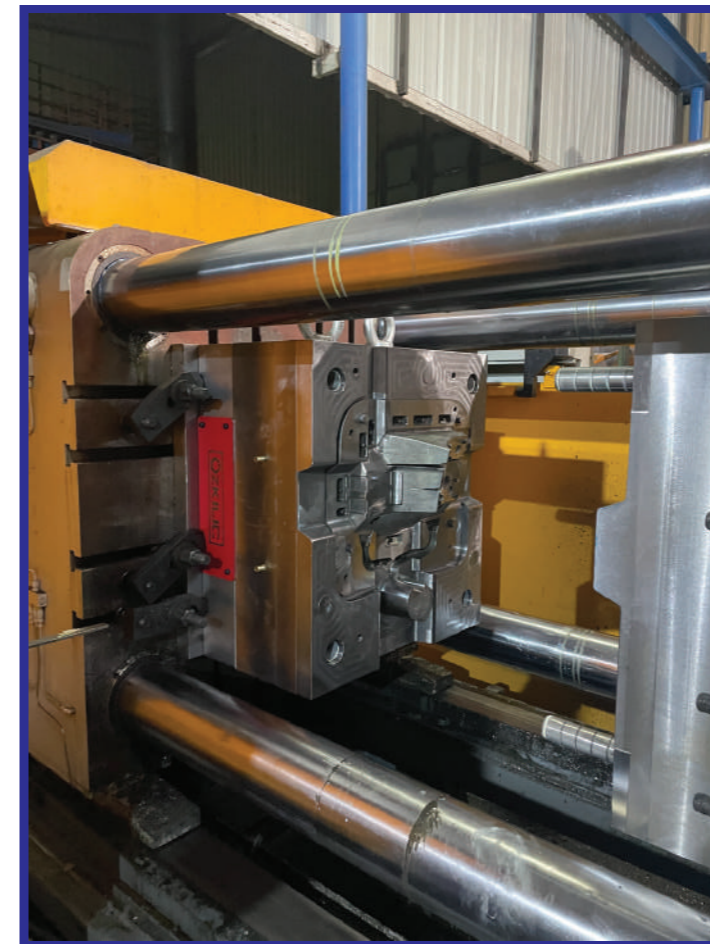
DIE CASTINGS

- | | | |
|-------------------|-----|----------|
| 8. Air Springs | OES | 2.9kg. |
| 9. Engine Mounts | OES | 0.900kg |
| 10. Tractor | OEM | 2.6kg. |
| 11. Air Springs | OEM | 3.2kg. |
| 12. Air Springs | OEM | 3.3kg. |
| 13. Engine Mounts | OES | 1.3kg. |
| 14. Engine Mounts | OES | 0.750kg. |
| 15. Tractor | OEM | 6.7kg. |



CNC - MACHINING

- 9 Bridge type milling machines, **3 Axis**
- 3 Bridge type milling machines, **5 Axis**



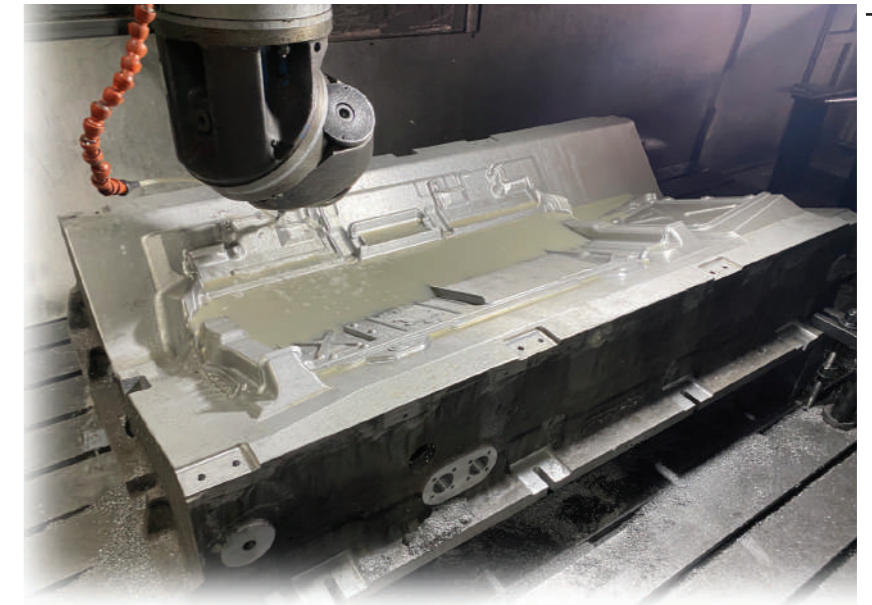
QUALITY INSPECTION

- **3D Scanning and CNC Measuring Systems**

for dimensional control patterns and castings

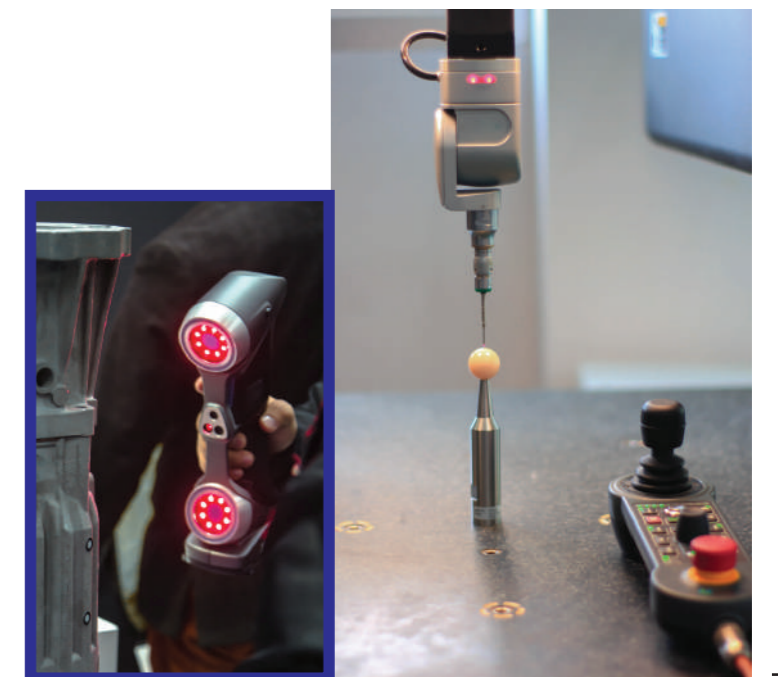
Alloys Type

- | | |
|---------------|---------------|
| ■ AlSi7Mg | ■ Silafont 36 |
| ■ AlZn10Si8Mg | ■ Zamak 3-5 |
| ■ AlSi9Cu3 | |
| ■ AlMg3.5 | |



DIE CASTING & GRAVITY CASTING

- High Pressure Die Casting parts from **0.005kg. to 10kg.**
- Gravity Casting parts from **0.100kg. to 20kg.**





Sectors We Serve

Automotive Industry
Machinery and Marine Industry
Aircraft and Aerospace Industry
Household Appliances Sector
Defence and Military Industry
Construction and Ceramic Industry

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SANAYİ VE TİCARET LTD.ŞTİ.

ALUMINIUM FOUNDRY

Our Products

Checking Fixtures
Floor Carpets
Automotive Interior Soft - Trim
Car Headliner
Inner Dash
Wheel Arc Liner
Automotive and Truck Pistons
Tailgate Carpets - Linings
Automotive Mirror Fittings
After Market Parts
Brake System - Gear
Refrigerator Body - Hinge
Automation Systems
Arm Systems

PRECISION CASTINGS



Our Quality Certificate

ISO 9001 : 2015

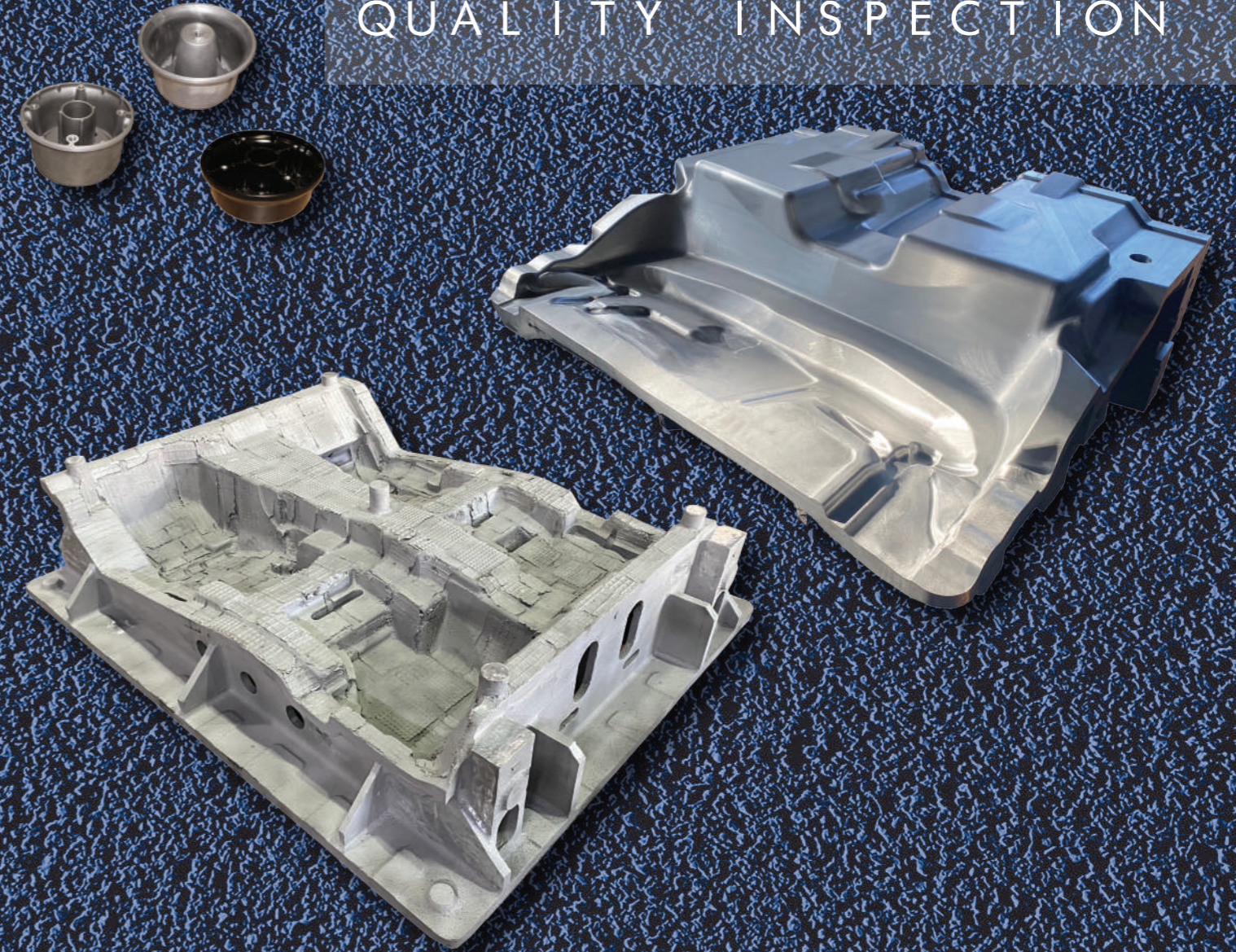




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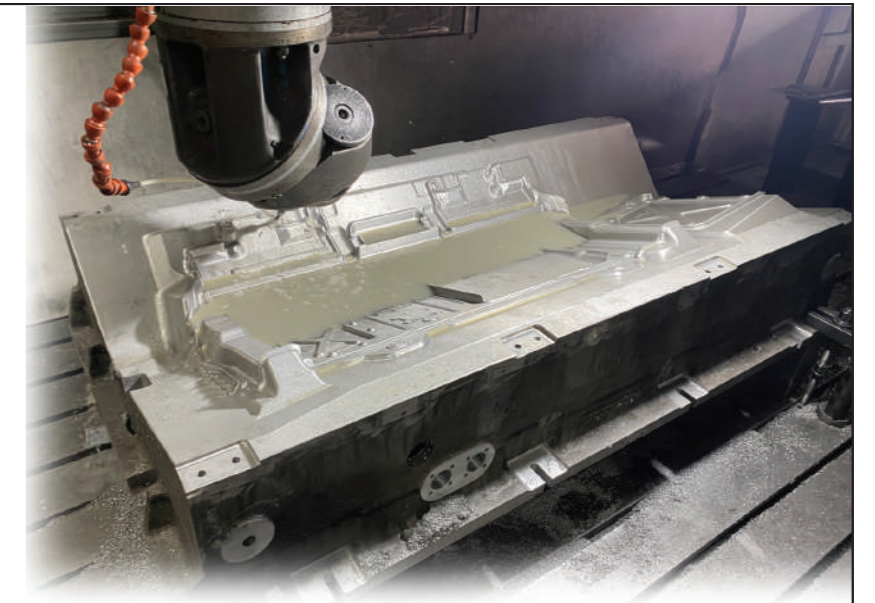
- CNC milling machines and CAD-CAM support (CatiaV5™).

FOUNDRY



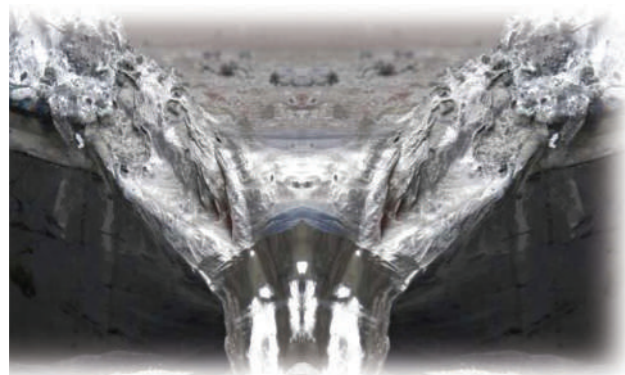
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Alloys Type

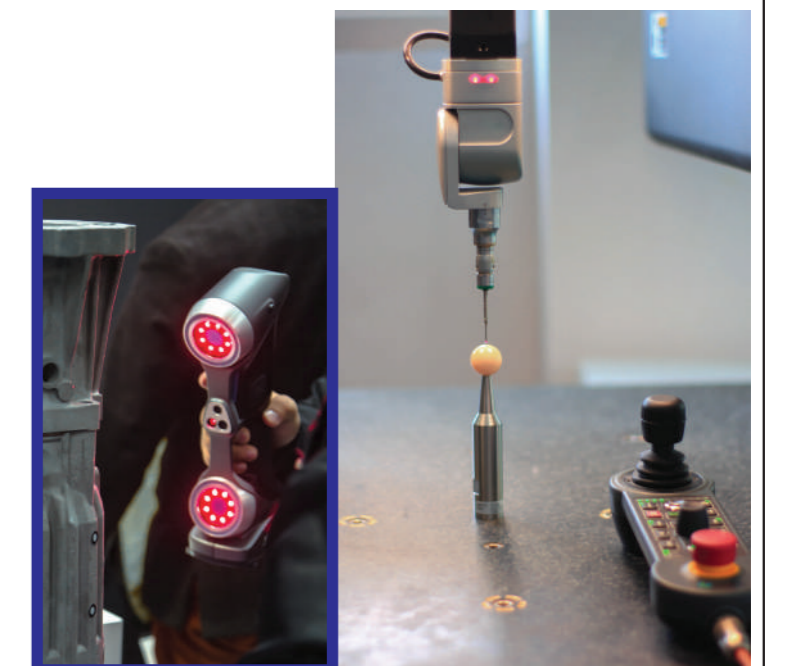
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HEAT TREATMENT



■ T6





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Machinery and Marine Industry
Aircraft and Aerospace Industry
Household Appliances Sector
Defence and Military Industry
Construction and Ceramic Industry

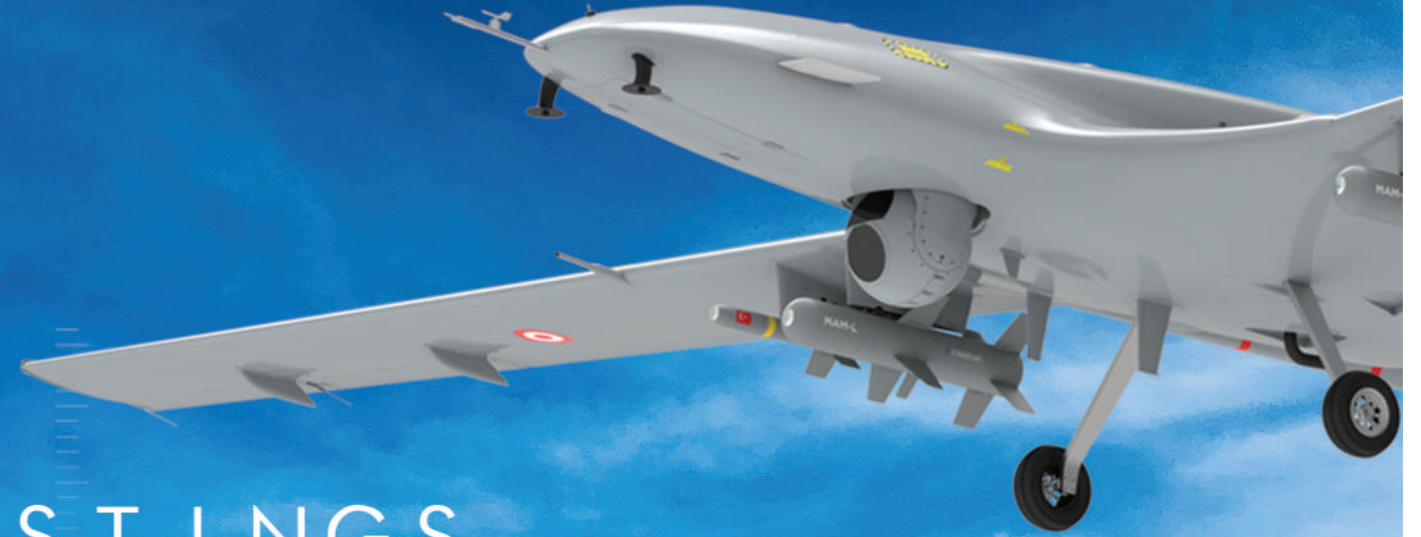
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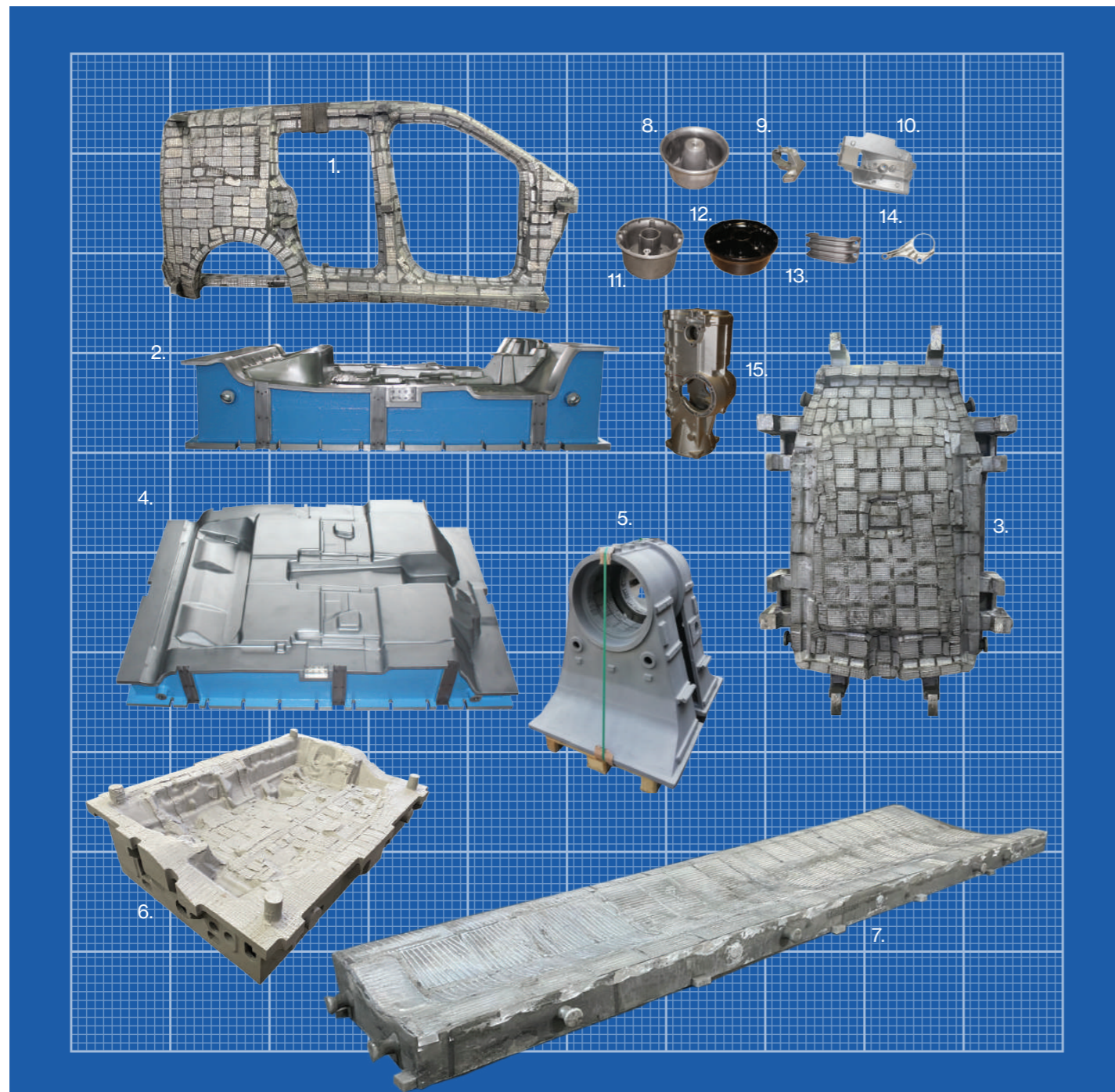
ALUMINIUM CASTINGS



Our Quality Certificate

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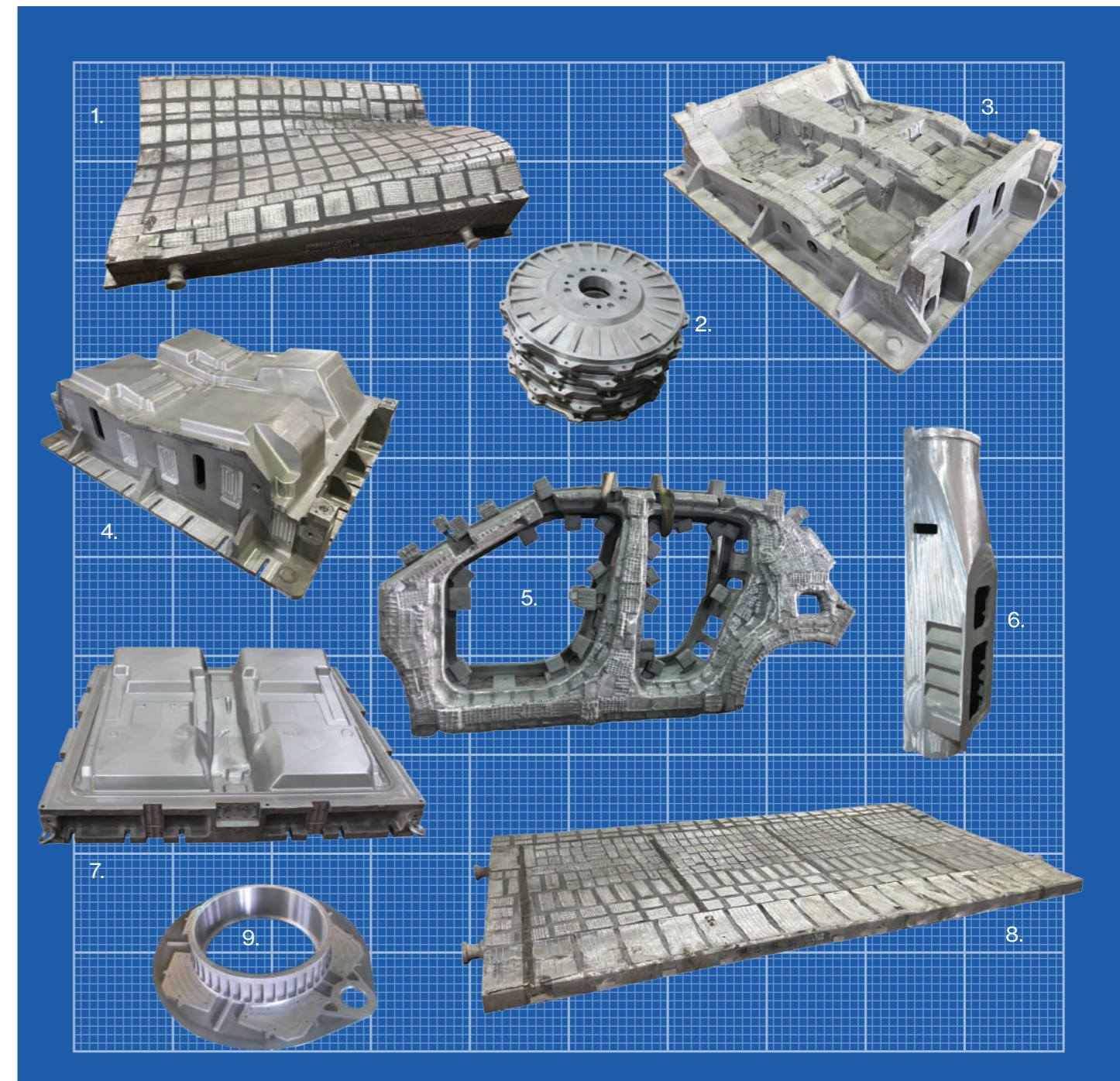


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