The "3-E" Difference

- Excellence in Precision
- Efficiency in Production
- Economically Priced

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3E Rapid Prototyping (3ERP) is an ISO certified manufacturer, built on the philosophy of 3Es, namely **Excellent, Efficient and Economic**, along with a dedicated team and the latest techniques to ensure your project runs successfully. Whether you need to have that complicated part produced from a 3D visualization, or you’d just like the final stages of your product for display in a top-level meeting, 3ERP can assist you with those needs.
Employees: 65 Full Time
Revenue Annual 6 Million USD

Ownership: PRIVATELY HELD
Modern 6000 ft*2 Facility
100% export overseas

Long Term Debt: $0.00
Globally recognized for our technical and total value solutions. Exceed customer, employee, community expectations within a zero complaint culture.

**CUSTOMER**
Offer globally competitive total value solutions by utilizing leading edge technologies.

**EMPLOYEE**
Provide our employees with skills, career development, security, and competitive benefits.

**COMMUNITY**
Viewed as a reputable, safe, and environmentally conscious employer.

11 YEARS in Business
26790 PROJECTS delivered
456 HAPPY customers

3ERP PARTNERS

![Partners Logos]
CORE MANUFACTURING CAPABILITIES

At 3E Rapid Prototyping, we are dedicated to make the world's best prototypes and precision parts for a wide range of industries.

Value Added & Decorative Operations

And we can do more!

- Outsourcing for investment casting
- Low volume manufacturing
- Quick turnaround production
- Post machining
- Anodizing
- Sanding And Polishing
- Blasting
- Pad Printing
- Screen Printing
## IN-HOUSING FACILITIES:

<table>
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<tr>
<th>Facilities</th>
<th>Sets</th>
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<tr>
<td>3 Axis CNC milling</td>
<td>12</td>
</tr>
<tr>
<td>(2 HAAS branded)</td>
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<td>4 Axis CNC milling</td>
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<td>CNC Turning</td>
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## MATERIAL

### METALS
- Aluminum
- Brass/Bronze
- Copper
- Magnesium
- Stainless Steel
- Steel
- Titanium
- Zinc

### PLASTICS
- ABS
- Acrylic
- Delrin
- Fiberglass
- PEEK
- PVC
- Polycarbonate
- Polyethylene
- Polyurethane
- Teflon

## APPLICATION:

- Jigs & Fixtures
- Rapid tooling
- R & D projects
- Posting machining
- CNC prototyping
- End-use parts
- Turnkey mechanical solutions
APPLICATIONS:

**LOW-VOLUME PRODUCTION**

Urethane cast parts are perfect for low-quantity production — as well as for first run production parts, which can be completed weeks before production tooling is ready, when volumes do not justify investment in injection mold tooling.

**ADVANCED PROTOTYPING**

The urethane casting process and relatively inexpensive tooling involved makes it easy and economical to make any necessary design changes. Additionally, different materials can be used with the same mold, making it possible to test designs with a variety of materials.

**MARKET TESTING**

End-user functionality and a high-quality finish makes urethane cast parts ideal for consumer testing, user evaluation and concept models. Using the cast urethane process means that changes can be incorporated quickly for either further testing or market launch.

Materials:

- Urethane Casting

Finishes:

- Parts are built with a smooth, high-quality surface finish and your choice of color.

- 3ERP can provide additional processing, including custom painting and hardware installation, to meet your needs.
CUSTOM EXTRUSION

APPLICATION
• Custom profile
• Quick turnaround
• Assembly protocols
• Weight reduction

MATERIAL
• Aluminum
• Brass/Bronze
• Copper
• Stainless Steel
• Plastic

FINISHING
• Anodizing
• Plating
• Powder Coating
• Custom finishes

SHEET METAL FORMING

PROCESS
• Laser Cutting
• Sheet Metal Brake
• Hydraulic Breaks
• Magnetic Breaks
• Sheet Metal Punch
• Welding

MATERIAL
• Aluminum
• Brass/Bronze
• Copper
• Stainless Steel
• Steel

CUSTOM FINISHES
Variety of finishes including
• Anodizing
• Plating
• Powder coating
• Painting
RAPID TOOLING
INJECTION MOLDING

• Aluminum and hardened steel tooling
• Short run, in as little as 15 days.
• Custom surface quality finishes
• Over-molding to combine different types of plastic in one
STANDARD
Minimal post-processing or treatment on parts is done.

BEAD BLAST
The part surface is left with a smooth, matte appearance.

CUSTOM
Anodizing
Sanding & Polishing
Blasting
Pad Printing  Screen
Printing
Custom finishes are available
QUALITY INSPECTION

ISO 9001-2015 Certified
5 Full time QC
Height Gauge
Profile projector
CMM Coordinate Machine
Olympus metal Tester

Certificate

Certificate Regist. No.: 01 160 1732862
Certificate Holder: 3E Rapid Prototyping Limited
Registered Address: Unit 2, No. 18-1, Gangsheng Avenue, Gangsheng Town, Zhongshan City, Guangdong Province 528447, P. R. China
Operation Address: same as above
Scope: Manufacturing and Sales of Metal and Plastic Prototype
Validity: The certificate is valid from 2017-10-03 until 2020-10-02.
It remains valid subject to satisfactory surveillance audits.
This certificate information can be searched on CNCA official website: http://www.cnca.gov.cn

2017-10-06

www.3erp.com

I.AF

D.AKS

T.U.V Rheinland

Precisely Right.
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