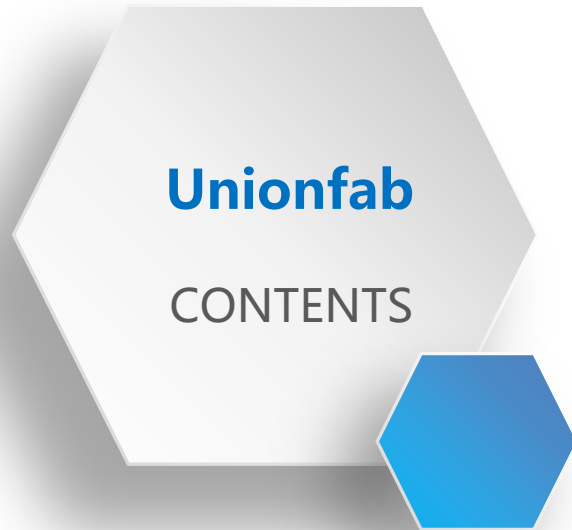


A large graphic of a network or molecular structure is positioned on the left side of the page. It features a complex web of white lines connecting various nodes, some of which are glowing with a bright blue light. The background is a dark blue gradient with out-of-focus blue bokeh lights.

Unionfab AM Technology (Shanghai) Co., Ltd

Production solution manual

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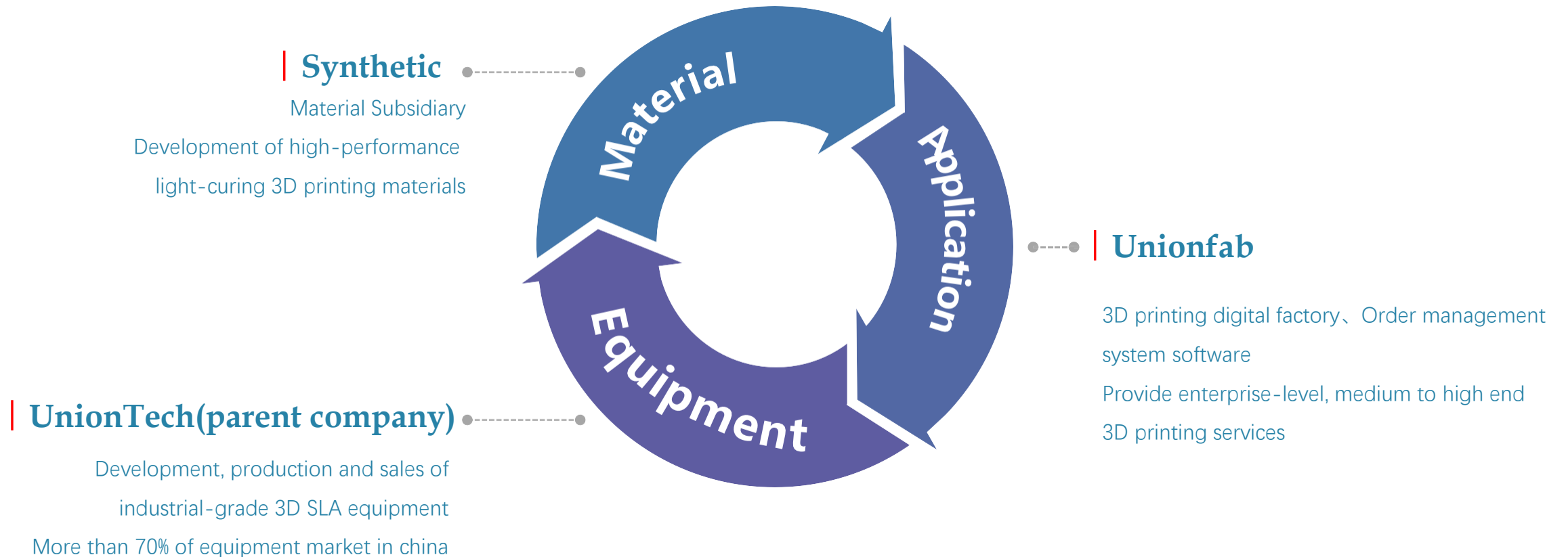
06

Contact US

01

Company Profile

Build own capability system



Employees : 383

Branches

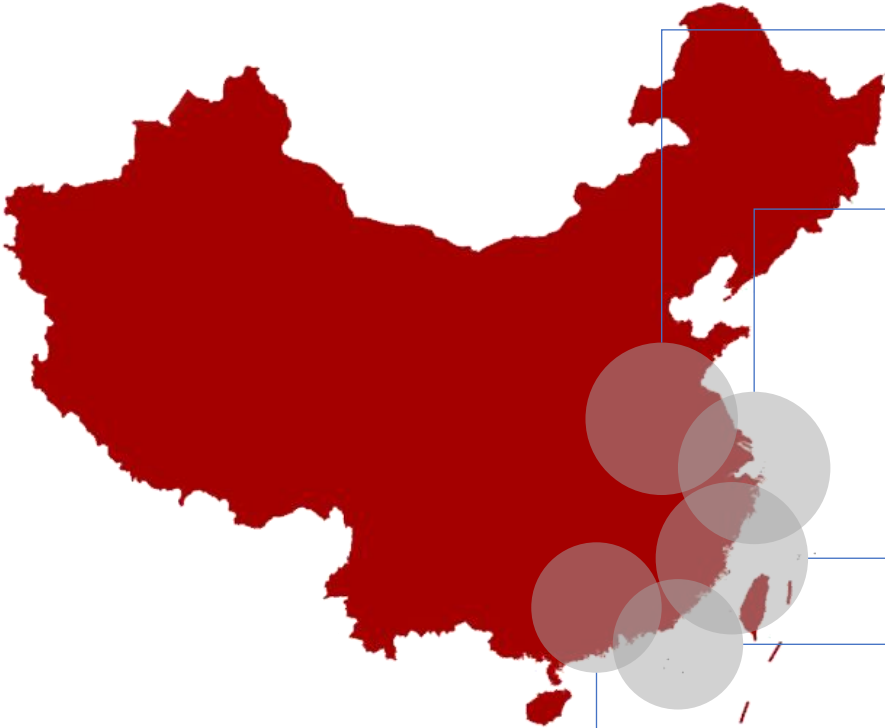
Overseas

- UnionTech, INC (USA)
- UnionTech,GmbH (Germany)
- Russia Office
- Footwear Technical Support Center (Vietnam)

- Guangdong Branch office
- Fujian Office
- Tianjin Office



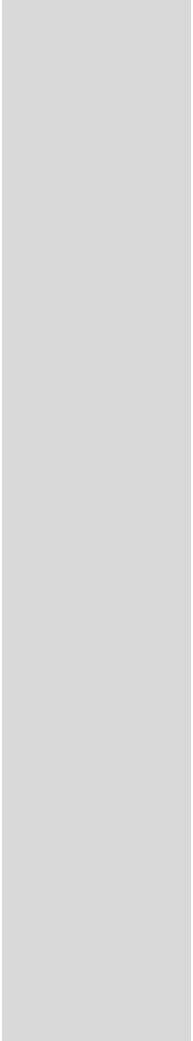
Established in 2014, one-stop low volume production platform .



The company has over **600** industrial-grade 3D Printer

own **4** Factory

With a production space of more than **20,000+m**



02

The core competencies

| The core competencies of Unionfab are

1. Able to provide over 40 kinds of 3D materials with different technology
2. 3D printer with large in scale and small batch production capacity;
3. We have a high standard painting workshop in China and provide multiple post-treatment technology;
4. China's most professional printing process R&D team in 3D printing; Twenty years of core research and development technology advantages

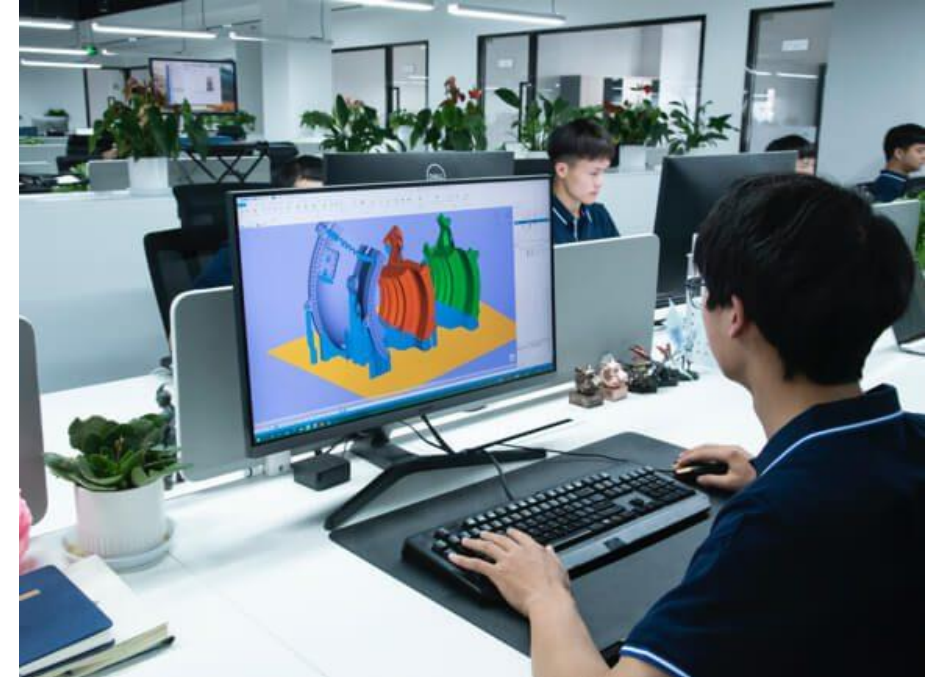


| Project analysis Workflow(manual quote)

- 1 Requirements gathering
- 2 Cad models and Design engineering analysis
- 3 Matching Production Process
- 4 Quote & Order

| Online instant quote

- 1 Online Customer service team check for the sample order ,online shopping in www.unionfab.com
- 2 Instant price for producter and shipping fee
- 3 online payment ,online tracking logistics



| The terms of the after-sales

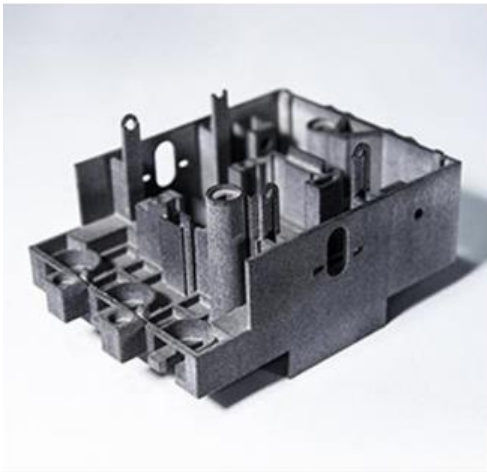
1 If the product issue is verified and caused by Unionfab, we will return or re-production for you within 7 days from the reproduction confirmation date. (Shipping time varies based on each location)

2 No include:
Moisture, discoloration or other issues after the product is delivered and received

3 Refund Rules: Once confirmed on refund will be to the original payment method. with in 20 working days



We provide you with various manufacturing services, including 3D printing services, Finishing Service, Urethane Casting, Vacuum Casting. Etc.



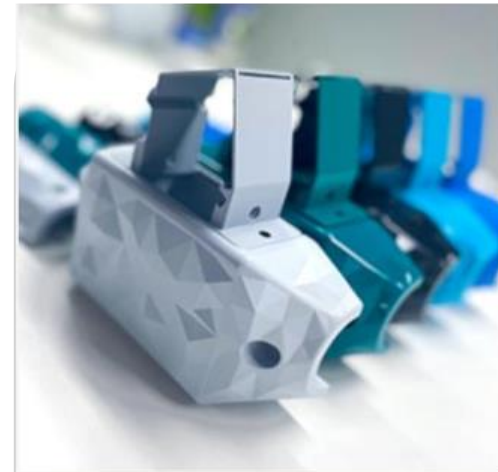
3D Printing



CNC



Casting



Finishing



For quote, please log in :www.unionfab.com



3D scan Design

3D modeling

3D scanning service

Data repair



3D Print processing

Sand blasting

UV varnish spraying

Splicing treatment

Insert nut

Trial assembly

Inspection & report as required



Special treatment

Heat treatment

Hot isostatic pressing

Vapor smooth



Post treatment process

Paint/ Dye

Electroplating (vacuum plating/ water plating)

silk screen printing/

03

unionfab capacity



SLA Print

UVResin

Metal powder

SLM Print

SLS Print

Nylon powder

Plastic filament

FDM Print

Vacuum Casting

Resin

Metal

CNC



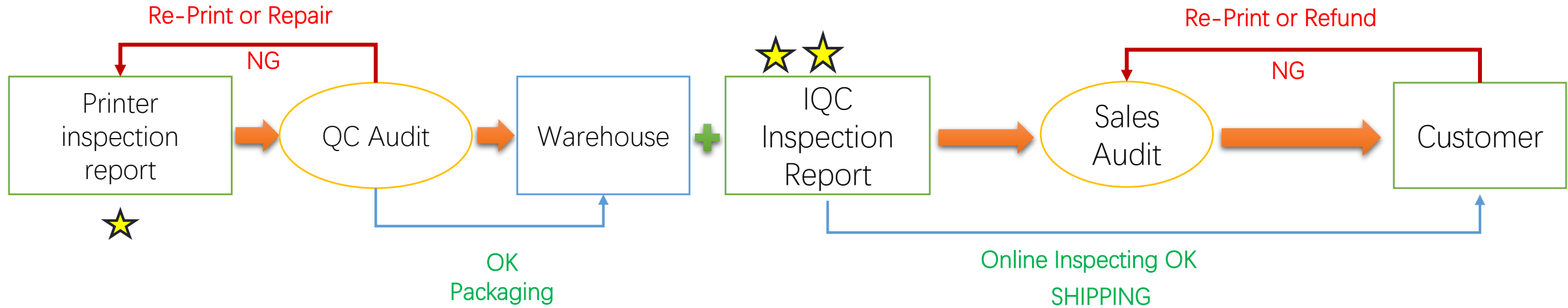
Machines list

Process	Types	Numbers	Build Dimensions (mm)
3D RESIN	Union Tech RSPRO 600/800/G2100	>600	800 X 800 X 550 2100 X 800 X 700
	Union Tech S300	10	252 X 140 X 240
	PolyJet J750 (Multi Color print)	4	490*390*200
3D Plastic	Stratasys F770	3	1000*610*610
3D Nylon	Farsoon F403P /EOS	25	360 X 360 X 413 190 X 240 X 310 660 X 340 X 520
	MJF4200/5200	18	380 X 284 X 380
3D Metal	BLT、Farsoon、HP	>20	280 X 280 X 350 400 X 300 X 400
CNC Maching	3-axis,5-axis, Wire Cutting	>20	/
Test	CMM,3D SCAN , Durometer...	5	/



Over 7 types of all kinds machines





Normal Report										UNIONFAB		
Unionfab Order No.			Customer No.			Material						
Order Type		<input type="checkbox"/> Sample	<input type="checkbox"/> First	<input type="checkbox"/> Urgent	Post-treatment	Surface Treatment						
Process	SLA	SLS	SLM	MJF	CNC	Silicone Membrane	Injection Molding	Cast	Sheet Metal			
Inspector	Date		Qualified Qty:			Remained Qty:						
Surface Quality Requirements										Inspection Judgement	Remark	
Appearance	The product surface is free of cracks, missing materials, bumps, burrs, scratch or cracks.										<input type="checkbox"/> OK	<input type="checkbox"/> NG
	No oxidation / electroplating / spraying and other defects, no visible color difference, color spots and other defects.										<input type="checkbox"/> OK	<input type="checkbox"/> NG
	The surface roughness meets the requirement of drawings and orders. The contents and positions of logo is correct.										<input type="checkbox"/> OK	<input type="checkbox"/> NG
	The appearance of the product is clean and free of grease, oil and dirt.										<input type="checkbox"/> OK	<input type="checkbox"/> NG
★Product pictures												

★ 1. We provided Unionfab Standards Inspection, aside from other special reports requested.

2. According to drawings and inspection standards, Unionfab does 100% inspecting Appearance and AQL 2.5% inspecting essential dimensions.

3. Unionfab takes pictures of all parts and sends them to Partner(s) to audit and verify before shipping.

★★ i. Our IQC also does 100% inspecting with each order on Unionfab platforms and auto-generates inspection reports.

ii. We also provide online inspecting report for partners.



Air freight(DAP)

Support with DHL,UPS,FEDEX

(we have discount with Logistics, **90%** order option)

3-7days



Freight forwarder(EXW)

Customers choose own agency to pick up
we do packing



Ocean operation(DDP)

Over100kg or over 2 meter goods suggest

20-30days

What if there is damage in transit ?

First take photos of the damage and submit them to the shipping company
Second let we know we do reprint or fix in you local we give discount

Standard packing with catron



custom box (extra charge)



04

Industry Case study

Unionfab | Automotive case study



With Different 3D technologies, Unionfab customer used 3D in ergonomics, prototype production, scheme evaluation, tooling and dimensional inspection tools



| Moldless manufacturing

In terms of new product research and development, personalized customization, small-batch manufacturing, products with complex and special shaped structures, and integrated molding without splicing, 3D printing can better replace traditional mold manufacturing methods with faster speed and lower cost.



| Typical customer industry

Our customers come from

- sports equipment
- electronics
- animation
- Home decoration
-



The big 210*70*80cm 3D printing equipment
Standard resin/ high detail resin materials make the sculpture beautiful and the details perfect.
With Unionfab unique surface treatment Process, it can be colorful
Suitable for indoor exhibition display



| Marketing activity

316L Metal print
delivery 3000pcs Custom
souvenir
in 1 week



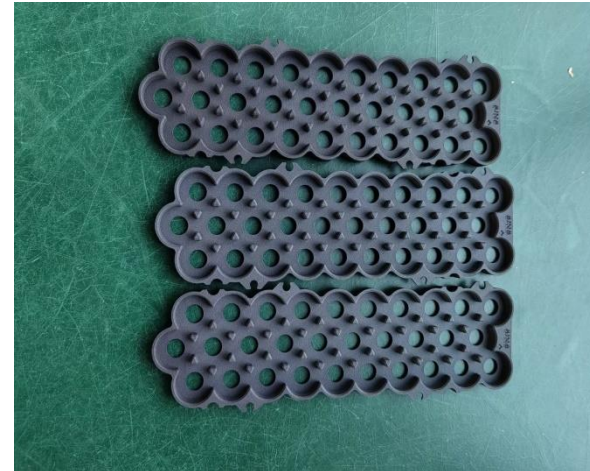
| wear

PA12 &TPU print
delivery ~1000pcs/Month
Keep production over
year



| End use

Pa 12 print
delivery 15,000pcs
Inspect Tooling
In 2 month



| EV battery holder

Pa 12 print
delivery 1,000pcs
In 10 days



| Medical diagnosis

Printing medical models for medical diagnosis and surgical plan formulation, providing intuitive and touchable lesion information to improve diagnosis efficiency, save costs and quickly formulate reasonable and effective treatment plans.

| Medical instruments

customize medical devices based on the specific conditions.
R&D prototype of new device

05

Customer



Unionfab | Our Customers



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Website:www.unionfab.com



Unionfab



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