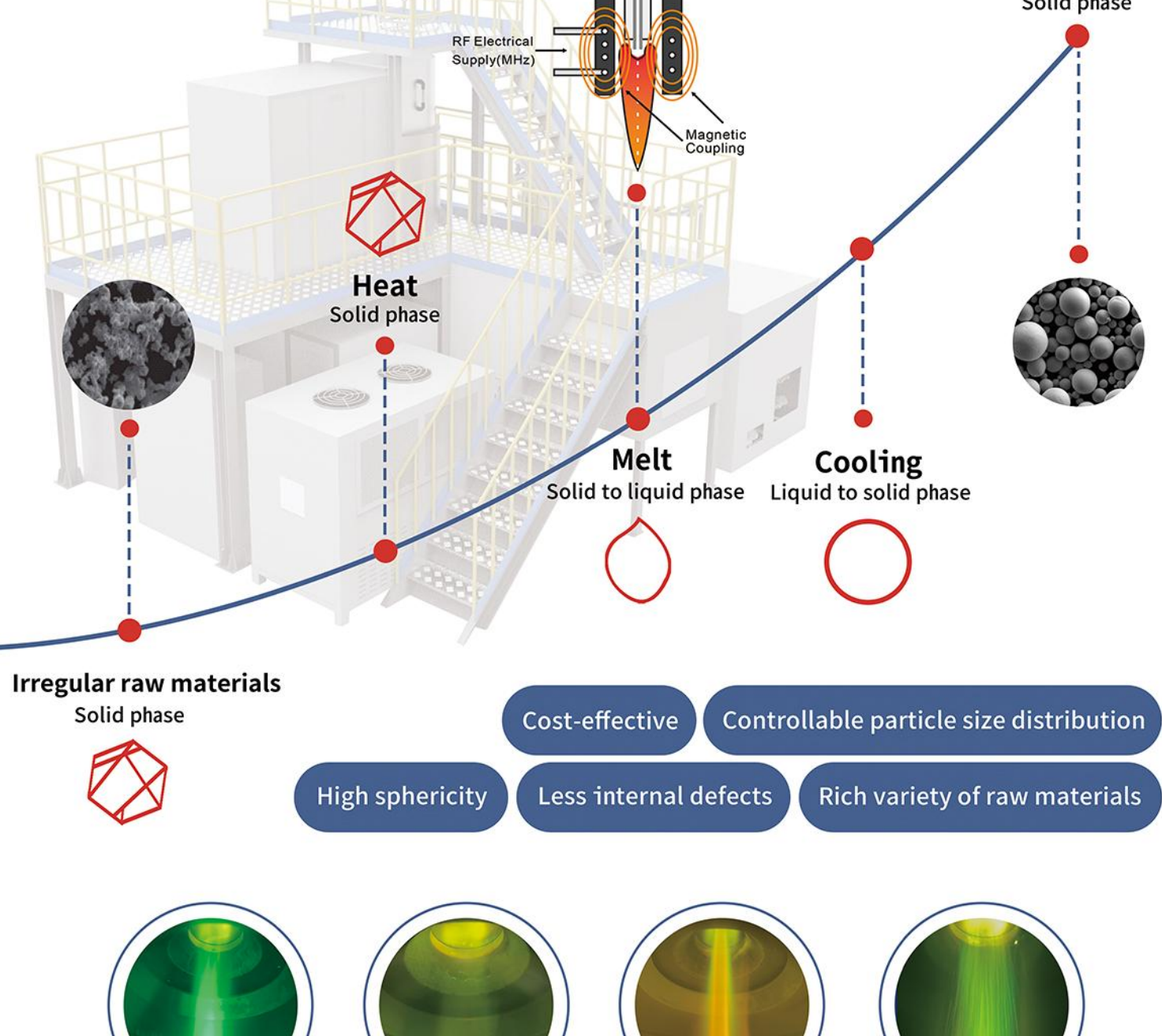


High Quality Rare Refractory Metal Spherical Powder

CORE TECHNOLOGY



Stardust Technology (Guangdong) Co., Ltd 02

COMPANY PROFILE

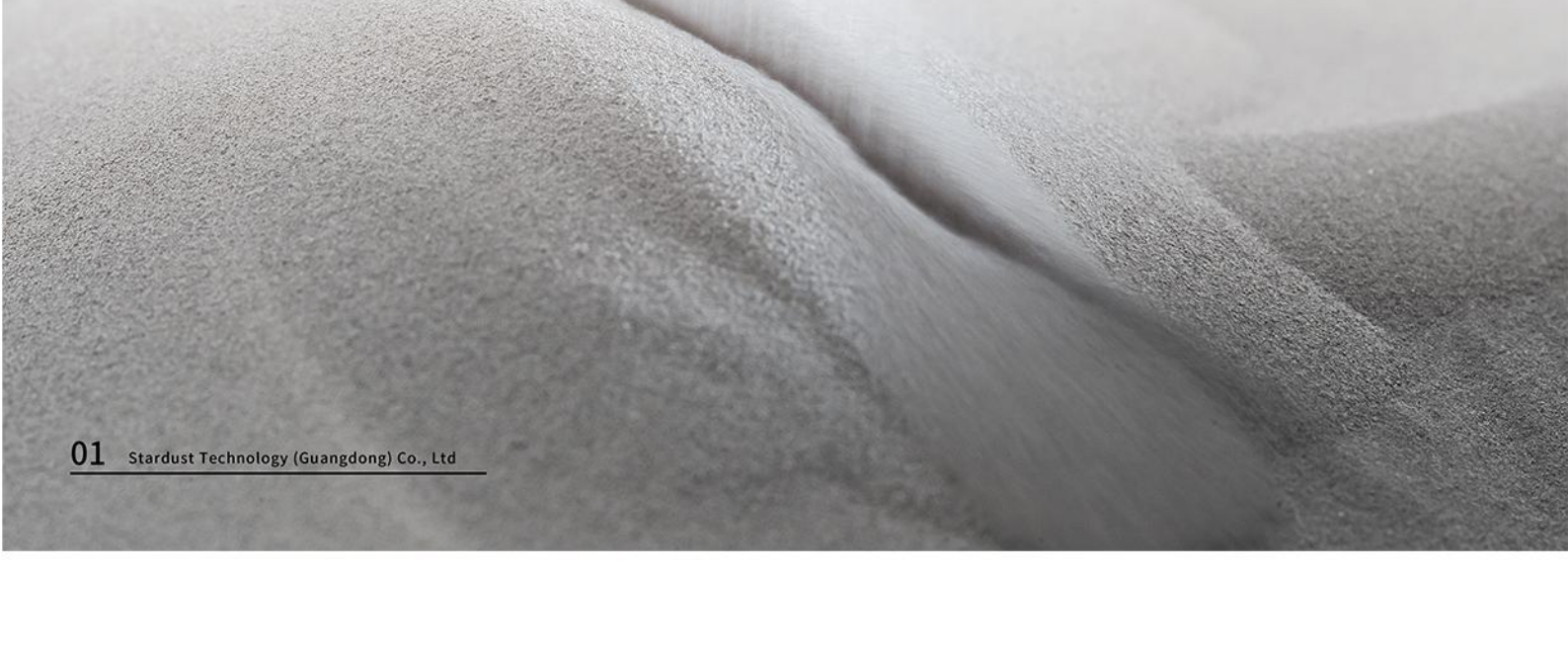
Stardust Technology (Guangdong) Co., Ltd. is a national high-tech enterprise specializing in the research and development, production and sales of high-end refractory powder materials. The company takes radio frequency plasma powder technology as its core competitiveness and is committed to providing customers with integrated solutions for powder preparation, modification, and application.

Our company's products cover high-end rare and refractory metals such as tungsten, molybdenum, tantalum, niobium, vanadium, titanium, rhenium, chromium, as well as their alloys and compound spherical powders. We also provide professional technical services such as radio frequency plasma spheroidization, 3D printing and hot isostatic pressing. The company has passed quality management system certifications such as ISO9001:2015, ISO13485:2016, and its products are widely used in fields such as aerospace defense and military industry communication and electronics, nuclear energy industry and biomedicine.

30+ years+
Technical Accumulation

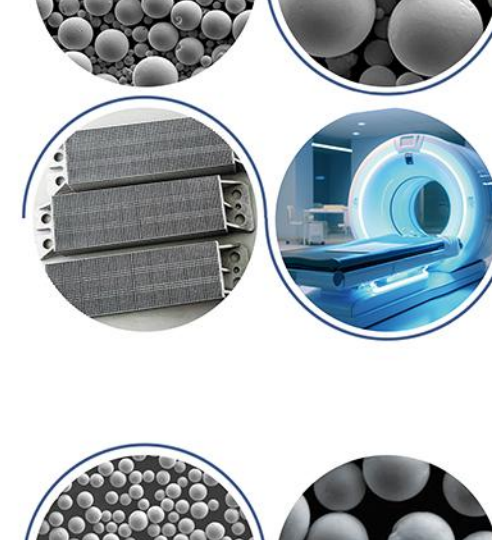
20+ items+
Patent Technology

10+ items+
National Standard



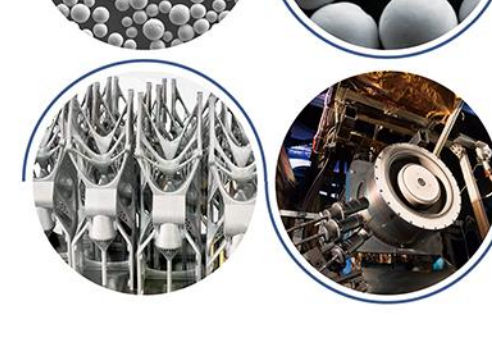
01 Stardust Technology (Guangdong) Co., Ltd.

HIGH QUALITY RARE REFRACTORY METAL POWDER



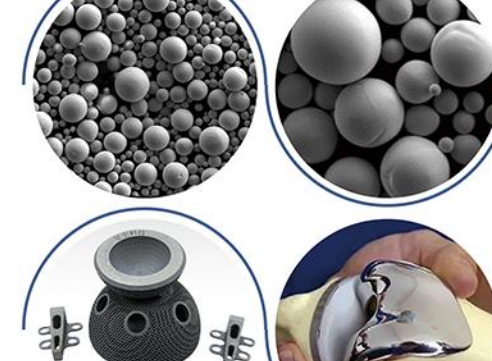
Spherical Tungsten Powder

Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Liquidity				
Bulk density				
Tap density				
Purity	<10%/50g		>9.95%	
Sphericity ratio			>95%	
Oxygen content			<200ppm	



Spherical Molybdenum Powder

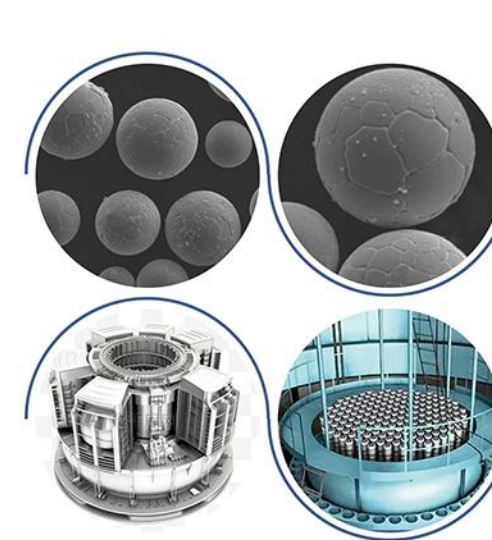
Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Liquidity				
Bulk density				
Tap density				
Purity	<15%/50g		>9.95%	
Sphericity ratio			>95%	
Oxygen content			<300ppm	



Spherical Tantalum Powder

Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Liquidity				
Bulk density				
Tap density				
Purity	<10%/50g		>9.95%	
Sphericity ratio			>95%	
Oxygen content			<300ppm	

03 Stardust Technology (Guangdong) Co., Ltd.



Spherical Rhenium Powder

Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Liquidity				
Bulk density				
Tap density				
Purity	<10%/50g		>9.95%	
Sphericity ratio			>95%	
Oxygen content			<200ppm	

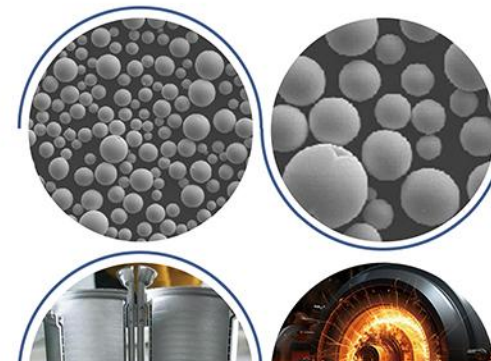
05 Stardust Technology (Guangdong) Co., Ltd.

SPHERICAL ALLOY POWDER



Spherical Tungsten Alloy Powder

Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Product Category	W-Ni-Fe	W-Mo	W-Re	W-Nb
Purity	>99.95%		<10%/50g	
Sphericity ratio	>95%		>9.5g/cm³	
Oxygen content	<500ppm		>10g/cm³	



Spherical Tantalum Alloy Powder

Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Product Category	Ta-Ti	Ta-Nb	Ta-10W	Ta-2.5W
Purity	>99.95%		<10%/50g	
Sphericity ratio	>95%		>9g/cm³	
Oxygen content	<500ppm		>10g/cm³	

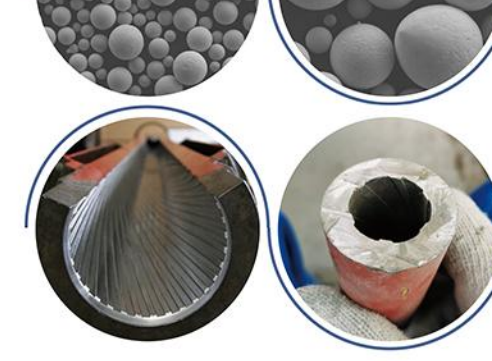


Spherical Niobium Alloy Powder

Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Product Category	Nb521	Cl03	Nb-Zr	Nb-Ti-W
Purity	>99.95%		<15%/50g	
Sphericity ratio	>95%		>4.5g/cm³	
Oxygen content	<500ppm		>5.5g/cm³	

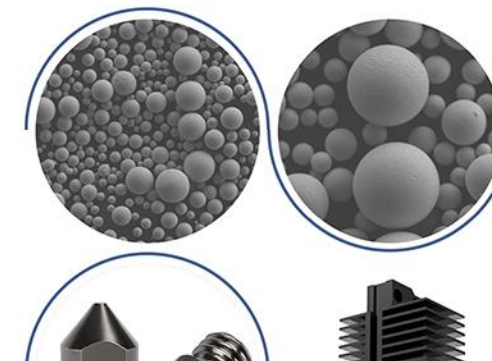
Stardust Technology (Guangdong) Co., Ltd 06

REFRACTORY HIGH ENTROPY ALLOY POWDER



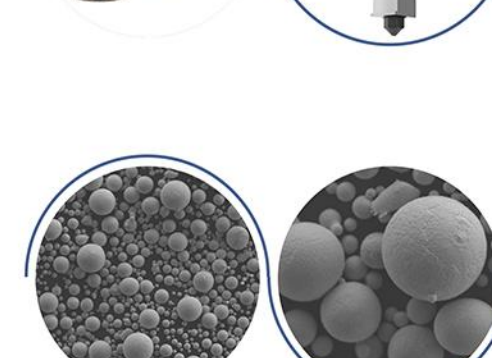
W-Mo-Ta-Nb

Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Liquidity				
Bulk density				
Tap density				
Purity	<10%/50g		>7.5g/cm³	
Sphericity ratio			>9.95%	
Oxygen content			>95%	



W-Mo-Ta-Nb-V

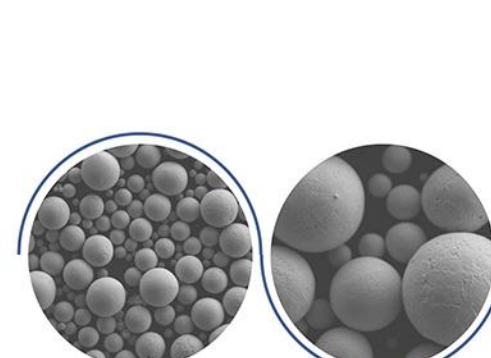
Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Liquidity				
Bulk density				
Tap density				
Purity	<10%/50g		>7.5g/cm³	
Sphericity ratio			>9.95%	
Oxygen content			>95%	



W-Mo-Ta-Nb-Zr

Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Liquidity				
Bulk density				
Tap density				
Purity	<10.0%/50g		>7.5g/cm³	
Sphericity ratio			>9.95%	
Oxygen content			>95%	

07 Stardust Technology (Guangdong) Co., Ltd.



W-Mo-Ta-Nb-Ti

Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Liquidity				
Bulk density				
Tap density				
Purity	<10%/50g		>7.5g/cm³	
Sphericity ratio			>9.95%	
Oxygen content			>95%	



Ta-Nb-Zr-Ti

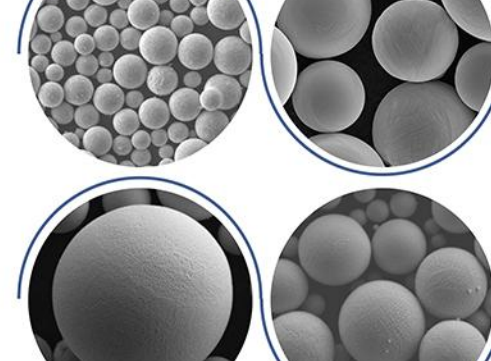
Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Liquidity				
Bulk density				
Tap density				
Purity	<15%/50g		>6g/cm³	
Sphericity ratio			>7g/cm³	
Oxygen content			>9.95%	



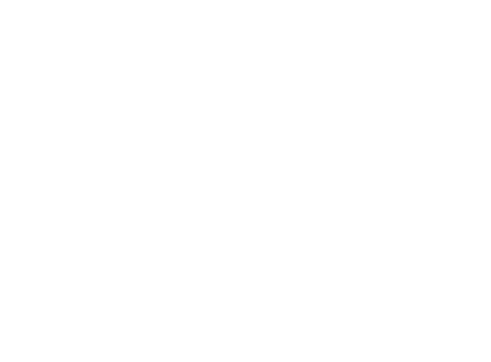
Ta-Nb-Zr-Ti

Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Liquidity				
Bulk density				
Tap density				
Purity	<15%/50g		>6g/cm³	
Sphericity ratio			>7g/cm³	
Oxygen content			>9.95%	

OTHER CUSTOMIZED SPHERICAL POWDERS



Customization	Ti-Ta	Ti2Mo	Ta2NbW	Ta2NbVTi
Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Liquidity				
Bulk density				
Tap density				
Purity	<15.0%/50g		>6.0g/cm³	
Sphericity ratio			>7.0g/cm³	
Oxygen content			>9.95%	



Customization	Ti-Ta	Ti2Mo	Ta2NbW	Ta2NbVTi
Product Specifications	15-45μm	15-53μm	45-106μm	53-150μm
Liquidity				
Bulk density				
Tap density				
Purity	<15.0%/50g		>6.0g/cm³	
Sphericity ratio			>7.0g/cm³	
Oxygen content			>9.95%	

Stardust Technology (Guangdong) Co., Ltd 08

APPLICATION FIELD

Aviation



Biomedical



Nuclear Energy Industry



National Defense Military Industry



Communication Electronics



Stardust Technology (Guangdong) Co., Ltd 10

QUALITY SYSTEM

Certified with ISO9001:2015, ISO13485:2016. And registered as the only domestic master document for medical tantalum powder



PATENT CERTIFICATE

19 patents have been applied for. Covering new materials, new processes, and new equipment



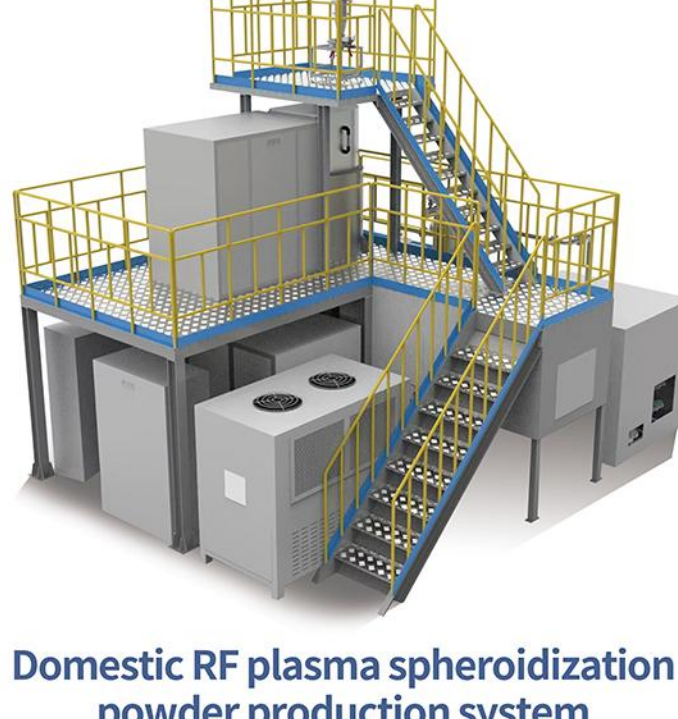
STANDARD SYSTEM

Developed over 10 national, industry, and group standards for products



11 Stardust Technology (Guangdong) Co., Ltd.

ADVANCED EQUIPMENT



Domestic RF plasma spheroidization powder production system

100KW



RF plasma spheroidization powder production system

40KW



RF plasma spheroidization powder production system

15KW

Stardust Technology (Guangdong) Co., Ltd 12

3D PRINTING EQUIPMENT



GDINM-M650



EOS M 290



EP-M300D



AMC-M150B

13 Stardust Technology (Guangdong) Co., Ltd.

PARTNER



Stardust Technology (Guangdong) Co., Ltd 14

Stardust Technology (Guangdong) Co., Ltd

Address: 101, Building 1, Liandong Youzhi Park, No.10 Senshuji Road, Nansha Community, Danzao Town Nanhai District, Foshan City, Guangdong Province

Website: www.stardustpowder.com www.stardusttech.cn



WeChat Official Account WeChat Channels