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埃迈特天津



埃迈特江苏



我们提供电弧焊接的自动化设备、焊材、 焊接成品与服务等在内的一整套创新解决方案

We provide a complete set of innovative solutions, including automation equipment, welding materials, welding products and services for arc welding



埃迈特智能制造(江苏)有限公司
AMET Intelligent Manufacturing (Jiangsu) Co., Ltd.



企业文化

CORPORATE CULTURE

我们具备一整套涵盖焊接设备、焊接材料、焊接工艺和焊接产品等在内的完整解决方案的闭环。

The company has developed a complete solution loop from welding equipment, welding consumables to welding processes and welding products.

我们专注焊接，专注您的焊接需求。

我们致力于不断的学习、创新和开发一流技术并提供对应的可持续解决方案，造福我们的客户。无论您是原始设备制造商、直接用户、分包商还是分销商，我们都期待与您的合作，共同创造最佳的解决方案，以满足您的需求。

We focus on welding and meet your welding needs.

We are committed to continuously learning, innovating, and developing sustainable solutions based on first-class technology to benefit our customers. Whether you are an original equipment manufacturer, direct user, subcontractor, or distributor, we look forward to working with you to create the best solutions to meet your needs.



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公司简介

COMPANY INTRODUCTION

Since 1989
成立于美国爱德华州，
全球知名的自动化焊接
装备品牌。

AMET
was founded in 1989
in the state of Edwards, USA.
A globally renowned brand
of automated welding
equipment.

AMET（埃迈特）1989年成立于美国爱德华州，是一家集先进焊接技术研发、智能焊接设备制造、焊接服务加工为一体的工程技术公司。90年代AMET将自动变极性等离子焊接技术在航天器制造领域成功的工程化应用。2000年AMET率先将DSP技术引入自动化焊接装备领域。并在此后逐步开发出“分布式”控制架构的Advent/XM/XPro/Xexp/SX/WIS等焊接控制系统。在过去的33年间，AMET把品牌印记从美国拓展到北美，南美，欧洲，中国，日韩，东南亚等全球众多角落，成为全球知名的自动化焊接装备品牌。

AMET自2003年进入中国市场，在过去的20年间AMET品牌的自动化装备在我国航天、航空、发动机、兵器工业、核工业、船舶、电力装备、石油管线、石化装备等领域深受用户的信赖。

AMET was founded in 1989 in the state of Edwards, USA. It is an engineering technology company that integrates advanced welding technology research and development, intelligent welding equipment manufacturing, and welding service processing. In the 1990s, AMET successfully applied automatic variable polarity plasma welding technology in the field of spacecraft manufacturing. In 2000, AMET was the first to introduce DSP technology into the field of automated welding equipment. And gradually developed welding control systems such as Advent/XM/XPro/Xexp/SX/WIS with a "distributed" control architecture thereafter. Over the past 33 years, AMET has expanded its brand imprint from the United States to numerous corners of the world, including North America, South America, Europe, China, Japan and South Korea, Southeast Asia, and more, becoming a globally renowned brand of automated welding equipment.

AMET entered the Chinese market in 2003 and over the past 20 years, its automation equipment has been highly trusted by users in various fields such as aerospace, aviation, engines, weapons industry, nuclear industry, shipbuilding, power equipment, petroleum pipelines, and petrochemical equipment.

**我们关注高温、腐蚀、
磨损等恶劣工况，并为之提供一整套完整的解决方案。**

**We focus on
high temperature,
corrosion, wear and other
harsh conditions, and
provide a complete set of
solutions for them.**

2018年中美合资的埃迈特智能装备（天津）有限公司成立，全面负责AMET品牌产品在亚太地区的设计、研发、生产、销售和售后服务工作。

2019年成立的磐固合金（常州）有限公司，具备整套的焊接生产线，可以制造从1.2mm-5.0mm的各类药芯焊丝。

2021年成立埃迈特智能制造（江苏）有限公司，结合市场的需求，定制自研的全自动化焊接生产线，为客户提供耐磨堆焊，耐腐蚀堆焊，连接焊和电弧丝极增材WAAM的成品部件或焊接服务。

In 2018, AMET Intelligent Equipment (Tianjin) Co., Ltd., a Sino US joint venture, was established. It is fully responsible for the design, research and development, production, sales, and after-sales service of AMET brand products in the Asia Pacific region.

Established in 2019, Milestone Metal (Changzhou) Co., Ltd. has equipped with a complete welding production line, it can manufacture various types of flux cored welding wires from 1.2mm to 5.0mm.

Established in 2021, AMET Intelligent Manufacturing (Jiangsu) Co., Ltd. customizes a complete set of self-developed fully automated welding production lines to meet market demand, providing customers with wear-resistant overlay welding, corrosion-resistant overlay welding, connection welding, and arc wire additive WAAM finished parts or welding services.

材料和工艺能力

PROCESS CAPABILITY AND SCOPE

我们对焊接了如指掌，我们对不同的焊接材料和焊接方法拥有丰富的经验。

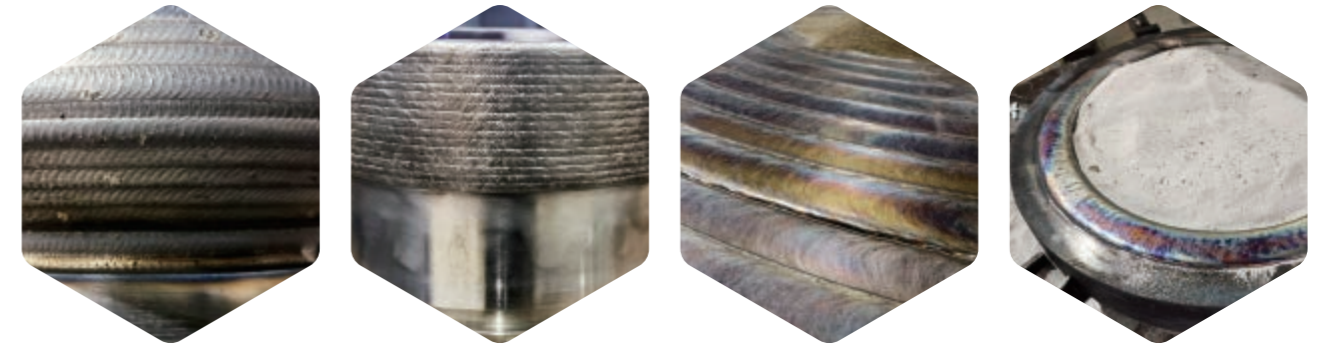
多年来，我们不断保持人员、设备、材料、工艺等方面的持续更新。

我们可以肯定地说，如果可以焊接，我们可以做到。

Over the years, we have continuously updated our personnel, equipment, materials, procedures and other aspects.

We can definitely say that if welding is possible, we can do it.

We are knowledgeable about welding: we have extensive experience in different welding methods.



焊接方法

- > 自动氩弧焊（热丝）
- > 手工焊条电弧焊
- > 手工氩弧焊
- > 熔化极气体保护焊
- > 药芯焊丝气体保护焊
- > 丝极埋弧焊
- > 带极埋弧焊
- > 带极电渣焊

welding method

- > TIG
- > SMAW
- > GMAW
- > FCAW
- > SAW
- > ESW
- > Hot Wire TIG

焊接工艺评定覆盖的材料范围

- > 碳钢
- > 不锈钢
- > 双相钢
- > 镍基合金
- > 铜合金
- > 耐磨合金
- > 铝合金
- > 钛合金
- > 钼合金
- > 锆合金

Scope of materials covered by welding procedure qualification

- > Carbon Steel
- > Stainless Steel
- > Duplex Stainless Steel
- > Nickel Alloys
- > Copper Alloys
- > Hardfacing alloy
- > Aluminum
- > Titanium
- > Tantalum
- > Zirconium



材料和工艺能力

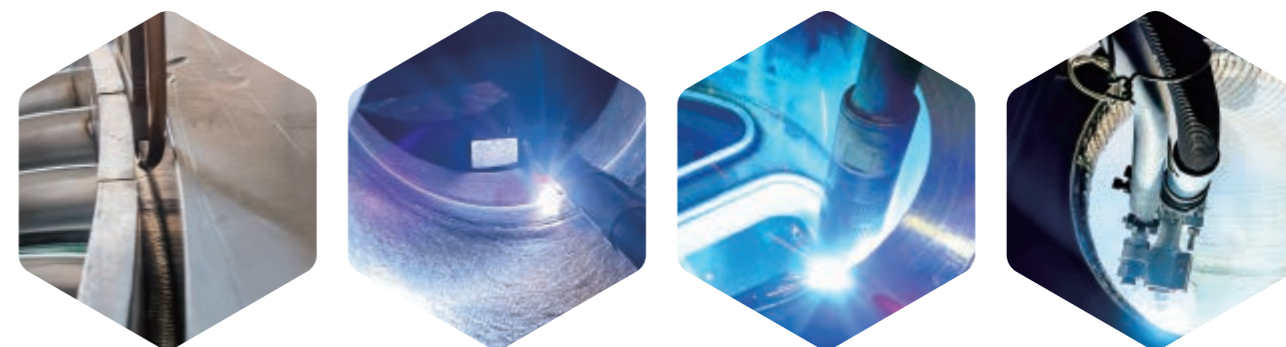
PROCESS CAPABILITY AND SCOPE

我们可以根据您的腐蚀或磨损条件，提供最佳的解决方案

为了成为客户的全方位服务合作伙伴，我们提供了一系列符合用户使用条件的设计、生产建议和方案。提供产品在不同的工况下达到最佳的抗磨损或抗腐蚀能力。

In order to become a comprehensive service partner for our customers, we provide a series of suggestions and solutions on designing and producing products that meet the user's usage conditions. Provide products with the best wear or corrosion resistance under different working conditions.

We can provide the best solution based on your corrosion or wear conditions.

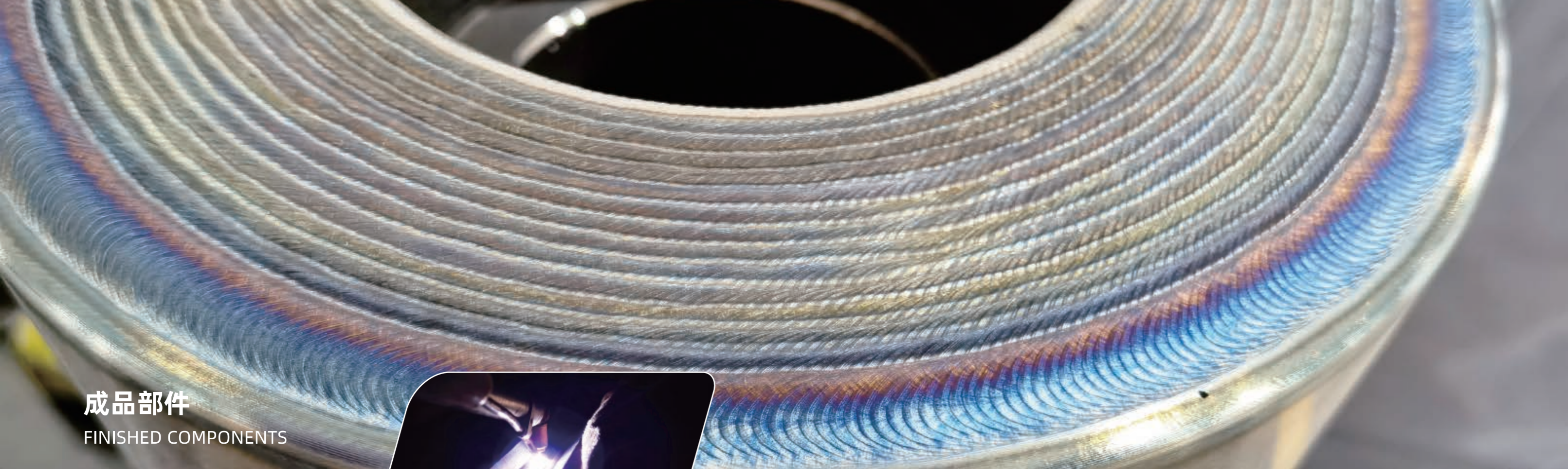


我们可以将图纸转化为零件：我们有完整的供应链和加工手段，可以从图纸设计、锻件、焊接、热处理、机加工、无损检测到成品交付。减少您的交付周期和库存投入。

在现场制造或者修复大型部件：我们有丰富的现场施工经验。如果部件大到不方便移动，我们可以提供现场的焊接服务。

We can convert drawings into parts: we have a complete supply chain and processing methods, which can range from drawing design, forging, welding, heat treatment, machining, non-destructive testing to finished product delivery. Reduce your delivery cycle and inventory investment.

Manufacturing or repairing large components on site: We have extensive on-site construction experience. If the components are too large to be easily moved, we can provide on-site welding services.



成品部件

FINISHED COMPONENTS



我们倡导一站式服务
为客户提供基材、焊材、
焊接工艺、加工检测、
运输全方位服务

We advocate one-stop and
full range services to
provide customers with
base materials, welding
consumables, welding
technology, machining,
testing and transportation.

我们制造的成品部件产品主要包括：法兰、法兰盖、管板、筒体、封头、弯头、搅拌槽、八字筒、25mm以上管道、阀门、其它异形件等。

The finished component products we manufacture mainly include flanges, blind flange, pipe sheets, cylinders, pressure vessels' heads, elbows, pipes with diameter of 25mm or above, valve parts, and other shaped parts.



耐磨板

WEAR PLATE



我们具备专、精、特、新的能力，为特殊恶劣工况提供可靠的焊接解决方案

We have the ability of specialization, Refinement, Differentiation and Innovation, to provide reliable welding solutions for special harsh conditions.

客户化订制

- 1、可以根据客户的图纸制造部件
- 2、可以根据客户的需求订制合金体系
- 3、可以根据客户的需求制造成品

Customized customization

1. Can manufacture components based on customer drawings
2. Alloy systems can be customized according to customer needs
3. Can manufacture finished products according to customer needs

典型尺寸 Typical dimensions

板号 Board number	尺寸 (mm) Size	堆焊区域 (mm) Welding area	标准厚度 (mm) Standard thickness	
小板 Small plate	2000X1000	1900X900	最小板厚 Minimum plate thickness	2
			最小堆焊厚度 Minimum weld overlay thickness	2
			最大堆焊厚度 Maximum weld overlay thickness	15
中板 Medium plate	2500X1250	2350X1100	最小板厚 Minimum plate thickness	3
			最小堆焊厚度 Minimum weld overlay thickness	2
			最大堆焊厚度 Maximum weld overlay thickness	15
大板 Large board	3000X1500	2850X1350	最小板厚 Minimum plate thickness	5
			最小堆焊厚度 Minimum weld overlay thickness	3
			最大堆焊厚度 Maximum weld overlay thickness	15
超大板 Oversized board	3000X2000	2850X1850	最小板厚 Minimum plate thickness	5
			最小堆焊厚度 Minimum weld overlay thickness	3
			最大堆焊厚度 Maximum weld overlay thickness	15

典型材料 Typical materials

基材 base material	药芯焊丝 (磐固合金) Flux cored welding wire (Milestone metal)	合金体系 Alloy system
低合金钢 low-alloy steel	Zest系列 Zest series	Fe-C-Cr
不锈钢 Stainless steel	Dune系列 Dune series	Tungsten carbide
镍基合金板 Nickel based alloy plate	Rock系列 Rock series	Cr5 Cr7 Cr9



服务行业

SERVICE INDUSTRIES



我们倡导高效服务
是众多行业企业生产环节
可靠的焊接解决方案及
服务的合作伙伴

We advocate efficient
service as a reliable
welding solution and
service partner for
many industry enterprises
in the production process

- 石油和天然气工业 Oil and Gas industry
- 精炼技术 Refining Technology
- 石化行业 Petrochemical Industry
- 化学工业 Chemical Industry
- 橡胶与塑料工业 Rubber and Plastics Industry
- 医药行业 Pharmaceutical Industry
- 电厂技术 Power Plant Technology
- 纸浆和造纸工业 Pulp and Paper Industry
- 水应用 Water Application
- 采矿业 Mining
- 食品加工业 Food Processing
- 航天工业 Space industry
- 武器与防御系统 Weapons and Defense Systems
- 农业 Agriculture
- ...

