

ACT



上海瀚轲工业设备维修有限公司

Shanghai ACT Industrial Repair Services Co., Ltd.

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SHANGHAI ACT

关于我们 PROFILE

上海瀚轲工业设备维修有限公司
美国ACT旗下中国的全资子公司



美国ACT公司，拥有技术团队的累计工业维修经验超过100年，其中一些技术人员的维修实际经验超过20年。美国ACT为北美区的制造业客户提供了一体化的维修服务外包及高质量，低返修的维修配套服务。目前北美区的客户量已近千，并正在不断地扩大。

在广大国内客户的期许和引导下，美国ACT于2009年来到中国发展。秉承着先进的服务理念，上海瀚轲在国内大力发展服务外包业务，在上海周边地区逐步壮大。上海瀚轲秉承了美国ACT的宗旨服务理念- 为节省客户资源和成本，为客户提供提高生产效率，降低生产成本的整合式维修服务。

在中国，这样的服务和整合具有非常前瞻的理念。作为服务中国制造业的开拓者和领导者，我们期待并充满信心，与广大客户一起，降低设备成本，提高生产效率，使客户在同行业中更具竞争力。

我们期待与您合作！

Shanghai ACT Industrial Repair Services Co., Ltd.

_Wholly Owned Foreign Enterprise by US ACT is headquartered in Shanghai, China.

Referred and advised by US customers to Chinese counterparts. ACT USA established its China presence in 2009. Shanghai ACT has spread its reputation around Shanghai area and sticks to the same methodology inherited from ACT USA _offers a single source solution for outsourcing, repairing and asset management in order to help customers achieve cost savings and improve manufacturing performance.

This methodology is adopted by couple of our US customers who have presence in China, however, it is still novel and leading edge for a lot of Chinese natives. We anticipate we partner with you to take advantage of our technologies implementing your production process, reducing cost. As a pioneer and explorer in the manufacturing repair industry, we believe that you will gain competitive advantage by adopting our methodology and utilizing our technologies.

上海瀚轲为制造业提供高质量工业设备维修，节省经济效益。我们的技术团队拥有完善的测试工具，确保设备维修并能正常使用。我们同时提供自发货之日起一年的有限保修。

中国和美国技术团队共享技术资源，拥有弱电强电及工业设备维修累计100多年的工作经验。我们在设备控制，测试设备模拟工厂操作系统等方面投入了很大资金。这有利于我们更好地测试模拟实际操作环境，保证维修质量。我们拥有全套的测试设备，支持市面上大多数自动化品牌。

我们的技术团队还能够通过对产品或系统的分析，进行仿真。特别是针对一些OEM淘汰的陈旧部件。通过花样翻新，我们可以帮助客户节约成本，避免不必要的投资购买新设备。



Shanghai ACT provides high quality industrial repair technologies and reduces customers' manufacturing costs. Each of our technicians has at least 5 years industrial experience. ACT has invested in machine controls and designed test fixtures to replicate plant operating systems. This allows us to dynamically test and simulate actual operating systems. We have test fixtures encompassing most of the OEMs products.

ACT's technicians can also reverse engineer obsolete components that are no longer supported by the OEM. This can provide substantial savings as opposed to large capital investments in new equipment.

We also offer one year warranty for all in-house repair from in-service date.

ACT understands as a company we earn your business by servicing you like no other company. For quality, fast turnaround and fair pricing ACT is the smart choice.

维修种类

- ◆ 伺服电机
- ◆ 伺服驱动器
- ◆ 变频器
- ◆ 工业电源
- ◆ PLC 可编程控制器
- ◆ HMI 人机界面/触摸屏
- ◆ 工业电路板
- ◆ 工业传感器/光幕/编码器

Our Repair Capabilities

- ◆ Servo Motor
- ◆ Servo Drive
- ◆ Frequency Converter
- ◆ Industrial Power Supply
- ◆ PLC Controls
- ◆ HMI Touch Screen
- ◆ Industrial Circuit Board
- ◆ Sensor/Light Curtain
- Encoder/Resolver/Tacho
- Valve/Pump



OEM品牌服务

OEM REPAIR SERVICE



我们经常维修及提供服务的OEM品牌包括

- ABB - 变频器, 伺服马达, 伺服驱动
 - Allen Bradley - 各类驱动, 控制面板界面, 光幕, 伺服马达, PLC, 伺服驱动
 - Baldor - 各类驱动, 伺服马达, 伺服驱动
 - Baumuller - 伺服马达, 伺服驱动
 - Fanuc - 变频器, 伺服驱动, 伺服放大器, 伺服马达
 - Indramat - 伺服马达, 伺服驱动
 - Kollmorgen - 伺服马达, 伺服驱动
 - Motoman - 变频器, 伺服驱动, 伺服放大器, 伺服马达
 - Nachi - 变频器, 伺服驱动, 伺服放大器, 伺服马达
 - Reliance - PLC, 输入卡, 输出卡, 伺服马达, 其他各类驱动
 - Siemens - 各类驱动, 伺服马达, 监视器, PLC
 - Yaskawa - 伺服马达, 伺服驱动
- 想要咨询更多OEM品牌或者需要免费评估, 拨打021-60753269

We repair all OEM repairs. The popular ones are listed as below:

- ABB - Inverter, Servo Motor, Servo drive
- Allen Bradley - all kinds of drives, control panel, light curtain, servo motor, PLC, Servo drive
- Baldor - all kinds of drives, servo motor, servo drive
- Baumuller - servo motor, servo drive
- Fanuc - Inverter, servo drive, servo amplifier, servo motor
- Indramat - Servo motor, Servo drive
- Kollmorgen - Servo motor, Servo drive
- Motoman - Inverter, servo drive, servo amplifier, servo motor
- Nachi - Inverter, Servo drive, servo amplifier, servo motor
- Reliance - PLC, input/output card, servo motor, other all kinds of drives
- Siemens - All kinds of drives, Servo motor, monitor, PLC
- Yaskawa - Servo motor, servo drive.

For any detail or other OEM inquiries and assessment, please contact us at 021-60753269

维修服务流程

Procedure of Service

免费评估

- ▲收到维修品后, 我们会拟定一个编号以便今后在系统里面查询记录信息
- ▲工程师检测完后, 我们会及时通知您故障原因并报价给您
- ▲如果您同意报价费用允许我们维修, 您可以通过邮件或者传真的形式把确认订单发给我们
- ▲我们客户拓展销售会与您保持联系, 及时向您反馈维修情况

维修及返还

- ▲维修之后, 为确保维修质量, 工程师会做全面测试运行确保返还到您手中运行良好
- ▲一旦工程师质检没有问题, 我们会小心包装以免运输过程中造成损坏。敏感或者大型维修品我们会用薄膜封好或装箱处理

Free Analysis

- ▲A job number is assigned immediately upon arrival.
- ▲After checking, we shall offer you with a failure report as well as a repair offer.

Repair and Return

- ▲Our Sales will keep close contact with you for the status quo of the repairs.
- ▲After repair, we will make a full test to simulate the working condition.
- ▲Only secured ESD packing are used for all electronic devices.



是什么使我们与众不同?

What Makes Us Different?

1 经验

平均每位技术员工拥有超过10年的经验。我们有信心, 我们有能力, 服务您的所有维修需要。从特殊复杂的电路维修到标准的产品维修, 工作没有大小, 请交给我们来处理。

2 保修期限

在上海瀚轲, 我们很自豪地说, 我们是在我们这个行业中率先推出12个月的保修条款, 并为我们的客户提供价值的承诺。在工控行业, 一个典型的行业标准是修复完成之日起3个月保修。然而由于大多数公司都备有零件库, 修复的产品都会首先存放在货架上, 因此, 3个月的时间很容易就过去了。这就是为什么我们提供了12个月的保修。

3 速度

在任何人眼里, 时间就是金钱——尤其是当您需要维修的项目。这是为什么上海瀚轲引以自豪的快速反应和对项目的周转时间。在大多数项目的标准周转时间为您批准维修后的7-10日内完成, 我们甚至还提供抢修服务。如设备停机, 我们甚至在您的现场维修。如果您的项目无法修复, 我们提供了快速更换选项。我们还可以按您的要求, 提供上门取件和送件服务!

4 客户服务

在上海瀚轲, 我们对待我们的客户和我们的员工像家人一样。客户服务承诺是对我们极为重要, 这就是为什么每一个客户有一个专门的内部代表来处理在修复过程中有任何疑问或关注, 我们提供多种选项, 以保持与您的实时沟通。我们非常自豪, 我们与客户形成长期的合作关系, 使他们的业务能力和服务需求得以保障。选择我们, 就等于选择与众不同!

1 Experience

With more than 10 years average experience per technician, we are confident that we have the knowledge to service all of your electronic repair needs. From standard to unique repairs, no job is too big or too small for us to handle.

2 Best Warranty

Here at Shanghai ACT, we are proud to say that we were the first in our industry to offer a 12 month warranty, and stand by this as a commitment to providing value to our customers. A typical warranty for the industry is 3 months from the date that the repair is completed. Since most companies stock backup parts and sometimes the repaired items end up on a shelf as a backup, 3 months can easily pass before the part is even used. This is why we offer a 12 month warranty.

3 Speed

In all businesses, time is money - especially when your items are in need of repair. This is why Shanghai ACT prides itself on both quick response and turnaround times on items. Standard turnaround on most items is within 7-10 days of approval, and we even offer expedited repair options such as rush and emergency rush in times of crisis. If your items can't be repaired, we offer fast replacement options as well to service your immediate needs. We even offer pick-up and delivery!

4 Customer Service

At Shanghai ACT, we treat our customers and our employees like family. Commitment to customer service is of utmost importance to us; this is why every customer has a dedicated in-house representative to handle any questions or concerns during the repair process, and we offer multiple options to keep in contact with your rep. We pride ourselves on forming long-term relationships with our customers so that we can be there for them as their business (and repair needs!) grow. We also offer no evaluation fees and volume discounts to help make your ongoing repair needs easier.





伺服电机维修

Servo Motor Repair



BAUTZ伺服电机 ESR伺服电机 ABB伺服电机 LENGE伺服电机 三星伺服电机 ELAU伺服电机 MOOG伺服电机 东芝伺服电机 三洋伺服电机 三菱伺服电机



S&M伺服电机 NSK伺服电机 OKUMA伺服电机 S&M伺服电机 西门子伺服电机 FANUC伺服电机 横河伺服电机 松下伺服电机 安川伺服电机 欧姆龙伺服电机

伺服电机的维修以及编码器换向角零位校准

伺服电机不同于一般感应电机，它是动态的，复杂的，对维修和校准有着特殊的要求。正确校准位置检测系统如测速位置编码器，旋转变压器和正余弦编码器是电机精确转换和正确运行的基本前提。凭借我们多年的经验和专业设备，上海瀚轲是您翻修直流伺服电机，交流伺服电机和盘式电机的合作伙伴——无论何种制造商。我们经验丰富的伺服维修专家，为您翻修和重新调试，确保伺服电机使用良好。我们为客户提供的经济的，具有竞争力的维修服务价格，同时为您提供快速，高效的维修流程——从询价到交付，安装和调试。在交付前，我们会充分功能测试和负载测试，并且将测试结果记录在案。例行检查所有易损件，大大降低了伺服电机的再次返修的概率。在重复性故障的情况下，我们就故障原因，提供建议，纠正有关情况。与您密切磋商，我们现场为您调试伺服电机，以提高使用的可靠性和可用性。

如需要，我们可提供紧急维修，甚至按要求当天交付。

上海瀚轲维修绝大多数伺服电机品牌并提供自服务之日起一年的有限保修。

我们的专业服务

正确保养及高质量的维修伺服电机需要以下关键因素。

- ◆训练有素的技术人员——瀚轲技术人员拥有丰富的经验，并得到定期的培训。
- ◆专用的伺服电机测试设备——全面诊断和有效检测电机及其反馈装置，包括伺服电机分析软件和多种编码器的测试接口，被认为是全球最先进的伺服电机测试设备。
- ◆大量的备品备件资源——所有金属件全部清洗、喷砂、喷漆，彻底翻新。

您的利益保证

- ◆一站式维修服务模式为您提高效率，节约成本。
- ◆高效、快捷、清晰的服务流程，平易近人的服务价格。
- ◆我们大量使用原厂商备件，以确保始终如一的高品质。
- ◆提供高质量的维修和严格的测试，确保修复的伺服电机达到出厂时的性能。
- ◆标准交货时间短。另可选择紧急维修，减少停机时间。
- ◆全年365天随时待命，如有需要，可到现场快速查明故障原因，提出整改方案。
- ◆对于修复件，我们提供自服务之日起一年的有限保修。

Our Professional Service

Proper care and maintenance of high quality servo motor requires the following key factors.

- ◆Trained technical staff - Shanghai ACT technical staff have extensive experience, and get regular training.
- ◆Dedicated servo motor test equipment - a comprehensive diagnosis and effective detection of motor and feedback device, including servo motor analysis software and a variety of encoders test interface, is considered the world's most advanced servo motor test equipment.
- ◆A lot of spare parts resources - all metal parts are all clean, sand blasting, painting, completely refurbished.

Your interests to ensure

- ◆One-stop service model for your efficiency and cost savings.
- ◆Efficient, fast, clear service processes, approachable service price.
- ◆Our extensive use of original manufacturer spare parts to ensure consistent high quality.
- ◆Provide high-quality service and rigorous testing to ensure restoration of the servo motor to the factory performance.
- ◆Standard delivery time is short. Another optional emergency repairs, reducing downtime.
- ◆365 days on standby, if necessary, to the scene to quickly identify the cause of the malfunction, recommend corrective solutions.
- ◆For repair parts, we offer self-service date of one year limited warranty.

Reconditioning and alignment of your servo motors

Servo motors are dynamic and complex motors that place special requirements on overhaul and repair. The correct alignment of the position detection systems such as tachometer encoders, resolvers and SINCOS encoders is a basic prerequisite for exact commutation and correct operation of the servo motors.

With our many years of experience and specially equipped workshops, ACT is your partner for the reconditioning of DC servo motors, AC servo motors and disc motors - irrespective of the manufacturer.

With flat-rate prices for defined service packages, we offer you quick and efficient processing - from the enquiry to delivery and installation and commissioning. Extensive function and load tests prior to delivery document the quality of the repair.

Experienced specialists for high quality reconditioning and recommissioning of your servo motors added value through competence.

The routine inspection of all wearing parts significantly reduces the probability of a renewed failure of your servo motor. In the case of repetitive faults we advise you on the cause of the fault and provide suggestions to rectify the situation. In close consultation with you, we adapt your servo motors to increase their reliability and availability.

If needed, we can provide an express repair with delivery often on the same day as the order.

INTRODUCTION

伺服驱动器和变频器维修

Servo Drive & frequency converter Repair



上海瀚轲提供，所有工业交流/直流、伺服驱动器、变频器、CNC。采用美国进口的MIT在线测试仪可以检测控制电路板的各种故障，做到真正IC级的电路维修。

自动化与控制技术提供了一种经济有效高质量的选择帮助您合理采购新的工业电子设备。在上海瀚轲，我们的经验丰富的员工可以修复您的驱动器，从而节省您在购买替换设备的可观支出。我们的维修平均价格是购买成本的30%-40%。

我们收到您的故障驱动器后，我们会根据您的实际情况，进行模拟动态测试。

这包括：

- ☐ 我们评估免费维修品，提供一个报价。
- ☐ 如果您选择不维修，不会有任何费用产生。
- ☐ 我们的测试环境是动态负载。
- ☐ 伺服驱动器是在闭环系统中测试。
- ☐ 我们提供自服务之日起一年有限保修。



Shanghai ACT provides a cost effective, quality alternative to purchasing new industrial electronic equipment. At ACT, our knowledgeable staff can repair your drive, saving you a substantial amount of money over buying replacement equipment. Repair pricing averages 30 to 40 percent of the cost of a new drive.

When you send us your broken or damaged drive, the repaired drive is dynamically tested in an environment that simulates your system. Our repairs come with a one-year warranty from the date of service.

The process is as follows:

We evaluate the component at no charge, providing you with a quote.

There is no checkout charge if you decide not to repair the item.

We test each repair with a dynamic load.

Servo drives are tested in a closed loop system.

We warranty each repair for one year from the in-service date.

Call ACT Shanghai today at 021-6075-3269 to find out more about our drive repair solutions.

HMI 人机界面 触摸屏 显示器 HMI Touch Screen Repair



用户友好的人机界面控制面板，使他们在车间不可缺少的。不幸的是，他们是在您的整个系统中最脆弱的元件之一。上海瀚轲拥有训练有素的技术人员，清洁，静态检查和测试您的人机界面，以评估其工作状态。经批准后，我们将修复并测试你设备。并且，对于每个维修过的人机界面显示器，我们为您提供一年的有限保修。

The user-friendliness of Human Machine Interface control panels have made them indispensable on the plant floor. Unfortunately, they are one of the most fragile components in your entire system. Shanghai ACT has a staff of trained technicians who will clean, static-check, and test your HMI to evaluate its condition. Upon approval, we will repair and test your unit. Every HMI carries our one year in-service warranty. When your equipment fails, your line goes down and you are losing money! You need a trusted partner who is experienced, multi-versed and can address your needs on your schedule. Whether your situation involves critical production downtime and/or a unique technology or process, ACT Shanghai is the shoulder you can lean on. Our experienced management, technicians and 24/365 availability can be relied on to get you through the most difficult situation. ACT is the partner you need to help you deliver fast, reliable, cost effective repairs.

工业电子电路板维修 Industrial Circuit Board Repair



我们维修的电路电子设备包括印刷电路板（PCB），主板，CPU，输入/输出板，以及通信板卡。我们的技术人员还可以维修已淘汰的制造厂商无法提供技术支持的主板。

主板维修可以为您节省至购买价格的30%。

我们拥有广泛的OEM零件库存和重组件库存，未通过测试的组件将被替换。

修复的电路板，将在与您设备相同的工况下进行模拟测试。

只有当一个修复板符合我们严格的测试标准，完全检测合格后，才会重新包装和返回。

在紧急情况下，我们可以在24小时内修复您的故障电路板，使您的设备恢复运行。

Our technicians repair a variety of printed circuit boards (PCB), system boards, CPU, Input /Output boards, as well as Communication Boards. Our techs can even service older boards that are no longer supported by the manufacturer. Board repair can save you up to 70% versus buying new. Components that fail testing are replaced from our extensive stock of OEM parts and the unit is rebuilt by our trained technicians. Rebuilt boards are then tested with the same controllers found in your plant, simulating days of heavy activity. Only when a board meets our complete satisfaction is it packed and returned. In many cases, we can exchange boards for critical applications to get you up in running in 24 hours. We utilize control systems from popular manufacturers like General Electric, Allen Bradley, Modicon, Reliance, and many others.



工业电源维修 Industrial Power Supply Repair

在电源发生故障，可以停止整条生产线。依靠完善静态检查，清洁，和负载测试，我们可以保证高效可靠的维修质量。我们的维修时间通常是批准报价的10天内或更少，并且我们按照您的需求，提供紧急服务。所有电源返回时，我们提供服务报告和一年的有限保修。

A failure in a power supply can stop an entire line. Rely on Perfection Servo to clean, static-check, and load test your power supply. Upon your approval repair time is usually 10 days or less and emergency service is always available. All power supplies are returned with a service report and a one year in-service warranty.

PLC维修 Programmable Logic Controls Repair



没有任何故障比可编程逻辑控制器故障对于生产线带来的损失更严重了。上海瀚轲的维修包括：艾伦-布拉德利，GE，MODICON，德州仪器公司和西门子公司的所有主要品牌的PLC。您的故障PLC产品，我们通常可以在10个工作日或者更短的时间内修复。我们还提供优先服务，以满足您更快的周转需求。在多数情况下，我们能为您提供重建或电路板备件以便立即替换故障产品。我们的技术人员也可以为您提供电子元器件等配套服务，如：电源、计数器单元、温度控制器、定时器、编码器、旋转变压器、转速计、传感器以及光幕等其它相关产品。

Nothing can bring down a factory faster than a failed Programmable Logic Controller. Shanghai ACT repairs all major brands of PLCs including: Allen Bradley, GE, Modicon, Texas Instruments, and Siemens. We can usually repair your failed PLC in 10 days or less. We also offer priority service when faster turnaround is needed. In many cases, we are able to send a rebuilt or new board to replace the failed unit immediately.

Our techs can also service your ancillary electronic components and associated items; teach pendants, power supplies, counter units, temperature controls, timers, light curtains in addition to encoders, resolvers, tachometers, transducers as well as many others.

R.A.M.P. – 维修资产管理系统



可维修资产管理系统
Repairable ASSET Management Program - R.A.M.P.



资产管理界面
Asset Administration Page

系统的运行 How It Work



通过条形码技术，在系统中更新部件的维修状态。
Component status is updated by bar-coding to fill-in a simple web form that esides on our server.
客户在第一时间可以看到驻地R.A.M.P. 协调员或维修技师更新资产数据情况。
Either the on-site R.A.M.P. coordinator or repair center updates the asset status in the database where the activity is available for viewing immediately.

基本操作界面：扫描 Basic User Input Screen: Scan



送至维修中心需要检测维修的部件都必须经过扫描。
As your parts come in for repair they are also scanned.
同时更新零部件维修状态及维修费用。
Repair information is input as well as any repair costs
当部件维修完毕，送至客户之前还需要进行扫描，更新维修状态。
Finished repairs are scanned when they are shipped back to you.
通过这个流程，可以追踪资产的整个生命周期。
This process gives you complete tracking capability throughout the cycle.

资产数据报告

Asset Statistics Report

追踪可维修资产的整个生命周期。
Tracks the lifecycle of your repairable assets.
运用条形码技术。
Uses barcode technology.
实时传输。
Transmitted in real-time.
无需客户做太多设置工作。
Requires very little setup on clients site.

年度节约成本

Actual Annual Cost Savings

2010年1月1日到12月31日生产统计表；
这是一个客户实际的年度才能成本节约统计表；
年度维修成本: \$275,850.26;
年度更换配件费用: \$1,261,453.26;
成本节约78%;
年度维修数量: 2023;
不包括保修部分实际维修量: 1218;
实际维修量比重60%

YTD figures range from Jan 1 to Dec 31, 2010
It is the actual annual cost saving summary generated for one of our key customer
The annual repair cost: \$275,850.26
The annual cost of replacement: \$1,261,453.26
The percentage of cost saving is 78% (The goal of repair cost : <=35%. ACT helps the customer achieve this goal as our repair cost is 22%)
The number of total annual repair: 2023
The number of actual annual repair(excluding warranties, NFF, Scrap): 1218
The percentage of actual repair: 60%

- ▲Track lifecycle of equipment and determine meantime between failures.追踪设备的寿命周期，确定平均故障间隔时间。
- ▲Track root cause of failures. 追踪故障根源
- ▲Identify premature equipment failures. 确认过早发生的设备故障。
- ▲Identify duplication of spares. 避免重复备件。
- ▲Assurance that spares are in proper working condition. 确保备用部件 / 设备的使用性能良好。
- ▲Identify warranties, warranty periods.根据系统提供的信息，确认是否属于保修范围，保修期限。
- ▲Precisely track repair expenses, average cost of repairs, savings from repair vs replacement and savings from warranty capture.精确的记录维修总费用，平均维修费用，以及与重新购置相比，维修节约的成本。
- ▲Identify usage levels in order to avoid stockout.确定使用率，从而及时备货。
- ▲Build histories of equipment.提供并记录设备的历史情况。
- ▲Make applications change & recommendations 依照系统数据，对设备的操作，保养及维护提出建议性意见，提供改进方案。

使用R.A.M.P.的优势 R.A.M.P. Benefits

设备制造商合作- 授权服务中心

或许你已在中国市场发展了稳固的客户群，然而您现有的能力能否满足客户不断变化的挑战吗？

您是否想过寻求服务合作伙伴分担您的责任，同时为您提供无限发展潜力？

上海瀚轲，作为授权的OEM合作伙伴，帮您实现您的目标！

OEM Service Partner

You may have already established customers relationship in China. But will you be able to manage the customers given your service capacity?

Are you considering a service center who may take partial of your responsibility, but double your capacity? Or are you currently looking for a service center in China?

Shanghai ACT, who currently serves as an OEM partner, will fulfill your need!

我们的优势

我们拥有尖端的测试设备和维修工具。可以完整测试，维修，翻新自动化设备。

我们的技术团队拥有娴熟的维修工业设备经验，并深入了解工业自动化专业知识。

维修的类别包括伺服电机，伺服驱动器，变频器，工业电源，HMI人机界面，PLC可编程控制器，传感器，光幕等。

您的收益

- 1.节省投资，运营成本。
- 2.节约国际物流成本和关税。
- 3.保证高质量维修。
- 4.获得每个维修件的故障原因分析。
- 5.系统记录维修数据和信息，为今后防范类似故障发生做参考。
- 6.每周维修数据报告。
- 7.由具备丰富维修经验的美国ACT技术人员作后盾支持。
- 8.与当地和海外供应商合作，为您及时采购备件。

Our advantages:

Our sophisticated and advanced equipments and instruments will be utilized to help recondition and remanufacture all industrial automation products. We boast that our technicians have skillful service experience and well-educated knowledge background. Our repair catalog includes servo motor, servo drive, frequency converter, power supply, HMI, PLC, sensor, light curtain and a lot of other industrial products you can name.

Your benefits:

1. Save your investment and operation costs
2. Saving shipping costs and custom tariff back and forth overseas.
3. Guarantee proven repair quality standard
4. Provide root cause analysis on every repair
5. Document repair statistics and information electronically for further analysis and reference
6. Generate repair summary reports on a weekly basis
7. Backed by ACT US technical support with ample industrial repair experience
8. Partner with local and overseas resources and help you source spare parts anywhere easily on your request

上海瀚轲为OEM提供一站式维修及售后服务包括整合客户质保维修，追踪质保维修件周期，翻新维修品以及其他维修服务。

我们的维修项目包括：伺服电机伺服驱动器变频器工业电源PLC可编程控制器HMI触摸屏工业电路板工业传感器等。

我们的管理层和技术团队通过服务于各个领域的OEM和最终客户，累积经验，建立了维修流程和服务系统，精确记录各个维修件情况和维修周期。

我司确保各个维修件高周转率，确保完全测试，确保整个维修流程为您节约成本。并且，我司可根据您的具体要求，搭建测试环境，确保高质量维修。

We service and repair the following manufactures:

ABB – Teachpendants, Servomotors, Servodrives

Allen Bradley – Variable Frequency Drives, Panel Views, Light Curtains, Servo Motors, PLC, Servo Drives

Baldor - Variable Frequency Drives, Servo Drives, Servo Motors

Baumuegger – Servo Motors, Servo Drives

Fanuc – Teach pendants, Servo Drives, Servo Amplifier, Servo Motors

Indramat – Servo Motors, Servo Drives

Kollmorgen - Servodrives, Servomotors

Motoman – Teachpendants, Servodrives, Servoamplifiers, Servomotors

Nachi – Teach Pendants, Servo Motors, Servo Drives, Servo Amplifiers.

Reliance – P.L.C., input cards, output cards, Servo Motors, Variable Frequency Drives

Siemens - Variable Frequency Drives, Servo Drives, Monitors, PLC

Yaskawa – Servodrives, Servomotors

我们维修服务以下品牌：

ABB – 机器人控制器，伺服电机，伺服控制器

Allen Bradley – 变频器，控制器，光幕，伺服电机，伺服控制器，PLC

Baldor -变频器，伺服电机，伺服控制器

Baumuegger –伺服电机，伺服控制器

Fanuc –机器人控制器，伺服电机，伺服控制器

Indramat –伺服电机，伺服控制器

Kollmorgen -伺服电机，伺服控制器

Motoman –机器人控制器，伺服电机，伺服控制器

Nachi –机器人控制器，伺服电机，伺服控制器

Reliance – PLC 输入/输出板，变频器，伺服电机，伺服控制器

Siemens -变频器，伺服电机，伺服控制器，显示器，PLC

Yaskawa –伺服电机，伺服控制器

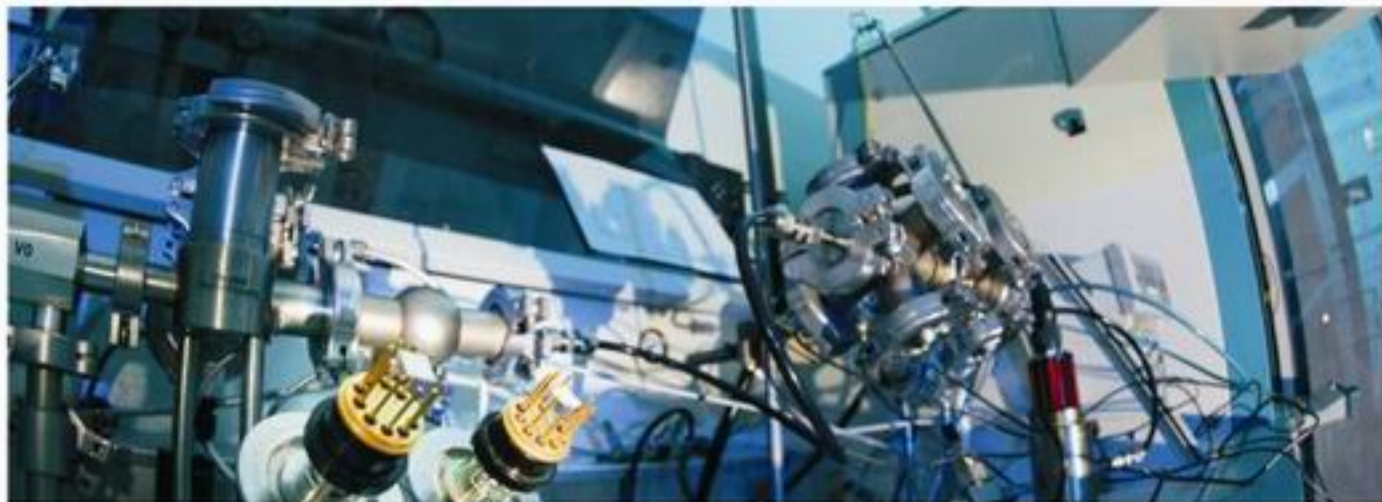


ACT is a dynamic, innovative industrial repair service provider with a strong background in electronics and is looking forward to collaborating with companies who are looking for growing their business with the continuous support of a strong partner. We offer extensive training, marketing support and exclusive territory rights to help grow our partnership.

Corporate downsizing and the search to meet customer's needs in a more effective manner have resulted in many companies partnering with outside specialized suppliers to streamline and improve efficiencies. ACT offers OEMs the opportunity to consolidate their customer's warranty repair and associated repair needs to one source.

ACT can service your repair needs whether they are electronic, servomotor, hydraulic or welding related. Our Management Team and Technical Department have the expertise, through servicing OEM and end-user customers from various industries, to establish an administrative reporting process, repair and testing protocols to assure your repair activity is expertly managed, components are repaired quickly, fully tested and the process is performed in a cost-effective manner. Testing apparatus can be designed and utilized to address your specific application.

工厂维修服务外包



通过现场追踪资产使用周期和管理可维修资产，为客户提供维修资产的整合解决方案。

可维修资产管理平台R.A.M.P.平台为客户提供有关维修费用，维修过程，状态等方面的信息。无论是库存或生产线上的备件，都会给予一个相对应的资产ID号。这个号码就像指纹识别系统可以用来追踪您的维修备件，从而有效的管理库存，最大程度避免设备停机，从而提高设备使用率，为预防性设备维护提供数据保障。

不仅如此，通过管理可维修资产，对于无法在维修中心维修的资产，我们负责为客户尽职调查，寻找优质保障的外包商和OEM。我们目前已建立了相当完善的拥有不同维修资产优势的外包商数据库。

工厂维修外包的整合方案，为客户减少不必要的维修维护成本和精力，从而更好地提高产量和保障生产。

We offer our customers a single-source integrated solution in the effort of monitoring life cycle of repairable assets and managing wisely and timely repairable assets.

RAMP platform is designed to give our customers easy access to information about their repair expenses, repair activity & status. Their repairable assets, whether in their crib or on the production floor, are assigned a barcode with a specific Asset ID. This Asset ID is the "fingerprint" that allows them to track the lifecycle of their repairable assets. In this way, we help improve our customers inventory management, minimize machine downtime, enhance machine efficiency and offer solid statistical support for preventative maintenance.

In addition, through RAMP, we outsource repairable assets on behalf of our customers if assets are determined unrepairable in house. We will do due diligence and make sure that the outsource vendors and OEMs are of high quality of repair services. Currently, we've established our comprehensive outsourcing vendors database with a variety of repair capabilities.

On site RAMP service – integrated repairable assets management solution is able to in turn optimize our customers' resources and investment to focus on how to improve their output and product quality and achieve their vision and mission eventually.

我们的服务与众不同，我们提供：

Our experience makes the difference. We offer...

- 24 小时紧急服务 – 24 小时/天 – 7 天/周 – 365 天/年
24 Hour Emergency Service - 24 hours a day - 7 days a week - 365 days a year
- 免费取和送
Free Pick-Up & Delivery
- 免费检测和报价
Free evaluations and quotes
- 一年有限保修服务
One year warranty from the service date
- 包括紧急服务项目在内的全部合理而有竞争力的价格
Fair and competitive pricing on all repairs including emergencies

Testimonials

"We went from the previous vendor's backlog/turn around time of 36/28 days to 28/14 days with ACT for most items. This all happened at a time when plant downtime meant everything. The company was in a sold out position and needed every machine to run all the time. Some items were repaired locally in less than a week. This helped us reduce inventory levels."

"Repairable spending was cut by 50%."

John R. Schmidt Maintenance, Site Manager

Cooper Tire Full Service Site

"In two of our larger plants, ACT has put a full time person on site at no cost to us to manage all aspects of managing part repairs. The program has been very successful at those plants in delivering immediate and substantial cost savings."

"I highly recommend ACT and their RAMP program to any manufacturing company that needs to reduce costs while at the same time improve overall maintenance capabilities."

Richard Wood, Procurement Manager

Manufacturing Assets NSG / Pilkington North America

"自从采用了ACT的维修外包服务后，我们的设备停机时间得到了大幅削减，从而保障了生产的正常进行和客户订单的如期交付。在ACT的紧密配合下，我司取得了2011年的圆满胜利。"

—辛坤杰 生产经理(劳士领机械制造)

"作为公司董事长，我向您保证提供高标准的维修质量，快速的维修周期和公道的维修价格。"

"感谢您选择ACT·我们将一如既往的向您提供优质的工业维修服务。"

—麦杰 董事长

安全 **SAFE** 可靠 **RELIABLE**

拨打021-6075 3269 填写简单的表格就可以得到检测和报价。
Call us at 021-6075 3269 to fill out our simple form to get a Hassle free quote.
We treat your emergency like, well, an emergency.
We understand the pressure you are under when a machine goes down and you need a motor fixed fast and reliably with quality workmanship and parts. Our experienced technicians have decades of experience and as a result can turn around repairs very quickly and provide you the best repair available.