工 艺 过 程 温 度 控 制

Technical Process Temperature Control

产品、技术和系统集成整体解决方案

Products, Technology and the Total Solution of system Integration

TYACHT 廷亚控股

上海廷亚温控工程技术有限公司

Shanghai Tyacht Temperature Control Engineering Technology Co.,Ltd

廷亚控股概况

廷亚控股主要以工业过程中的冷却、温控等为核心研究方向，长期致力于冷却设备研发制造和温控系统的整体方案设计。廷亚控股已在石油化工、制药、钢铁、汽车、制造、核电站、发电厂、玻璃制造、IT工厂、食品、太阳能光伏等领域，拥有众多合作伙伴以及丰富的项目经验。

廷亚控股在不断发展企业自身的同时，也在环境保护、慈善资助等公益事业上积极做出贡献，主动回馈社会。廷亚控股已先后在上海理工大学、同济大学、上海大学等多所高校设立奖、助学金，为本行业培养优秀人才。

廷亚温控介绍

廷亚温控长期专注于为工艺过程中流体传热领域提供–120～400℃范围的温度控制系统的工程设计、系统集成、维护及相关工艺和环境配套工程解决方案，具有设计开发,项目配套并施工的能力。我们的优势在于具专业的研发设计团队和丰富的项目经验。

Tyacht Holding Company

Tyacht Holding Company specializes in researching the industrial process cooling,and temperature control, and long-term commitments to the total solution design of researching and manufacturing of refrigeration equipment and temperature control system. Tyacht Holding Company has many partners and extensive project experience in the field of petrochemical, pharmaceutical, steel, automotive, manufacturing, nuclear power plants, power plants, glass manufacturing, IT Factory, food, solar photovoltaic and so on.

With the development of itself, Tyacht Holdings Company has continued making the positive contribution to protect the environment, aid charity and other public services which can be a good way to actively reward the society. Tyacht Holdings Company has already set the scholarship in University of Shanghai for Science and Technology, TongJi University, Shanghai University and other universities to cultivate talents in this field.

Tyacht Temperature Control Co., Ltd

Tyacht Temperature Control has been long engaged professionally in providing engineering solutions for the system of -120 to 400 ℃ temperature control in the field of industrial process fluid heat transfer. The solutions includes project engineering，system integration, construction, maintenance and related technology and the environment supporting engineering. The company has capacity from concept development to the finally accomplish. Our strength lies in the professional R & D team and rich experience of the project.

竞争优势及服务项目

工程设计能力

工艺温控热力过程计算与分析、工艺温控系统设计、工艺温控项目总包、工艺温控系统维保。

模块化工程模式

围绕标准产品理念建造的各种功能模块，现场管线连接迅速而准确，可尽快投入运行，并节省空间，节约投资。

质量控制能力

廷亚功能模块按照工业化生产要求，整机设计、整机生产、整机测试流程控制质量，涵盖设计控制、采购控制、生产过程控制、成品检验以及产品安全控制等各个工艺环节。

成套设备能力

廷亚控股冷却塔、制冷机组、加热机组、泵与水箱系统及电控系统等设备，具有高度的稳定性和兼容性，易于实现一体化集中控制。

Advantage

Professional engineering design capabilities

The overall planning of the process temperature control project; Calculation and analysis of thermodynamic process for technical temperature control; Process temperature control system design; The total package of process temperature control project; Maintenance Services of Process Temperature Control System;

Efficient modular engineering mode

The design concept of the standard product makes pipeline connection completed qulickly and accurately, and saves space, expenses of construction and investment.

Quality control capabilities

Tyacht functional modules control quality in accordance with industrial production, machine design and production, the whole testing process, covering the design control, procurement control, manufacturing process control, product testing and product safety control each step of the process.

Equipment supporting capacity

Tyacht controlling manufacture includes cooling towers, refrigeration units, heating units, pump-tank system and electric control system that have widely supporting and compatibility. All equipments is easy to be integrated to centralized control.

高温工艺冷却机组

TCWH系列高温工艺冷却机组是为各种工艺散热领域需要30℃以下冷却水而设计的新一代高效、节能、环保、净化高温冷水机组。

主要特点：

1.专为工业领域设计，独立制冷系统设计、多机头机组制冷系统相对独立、互不干涉、半封闭双螺杆压缩机，能效比极高，运行可靠，寿命长。

2.替代常规的7/12℃冷水机组加板换与二次泵的方式，既节约能源又降低投资,综合节能效率可15～35%。

3.采用316L高效不锈钢板式换热器为蒸发器,体积小,效率高,保证了水质。

4.机组根据负荷变化自动在25%—100%之间连续性能量调节（无级能调），保证压缩机效能的完全发挥并帮助用户最大程度地节约运行费用。

5.完善可靠的冬季运行模式，通过对冷却塔或冷却水泵变频或采用冷却水流量比例调节控制最低冷凝温度，确保设备冬季或过渡季节正常运行，节约水泵的运行费用。

TCWH series high temperature process cooling units

TCWH series of high–temperature process cooling unit is designed for a variety of cooling process below 30℃，it is a new generation of highly efficient, energy saving, environmental protection, clean high– temperature chillers.

The main features:

1. Designing specially for industrial field, independent refrigeration system design, multi–units refrigeration system with relatively independent, non–interference, semi–closed double screw compressor, extremely high efficiency ratio, reliable operation, long life；

2. Instead of traditional way of 7/12 ℃ of cold water chiller and Plate heat exchanger plus secondary pump， Not only save energy, reduce investment,comprehensive saved energy efficiency can be 15 to 35%;

3. Stainless steel plate heat exchanger as the evaporator which has small volume and high efficiency，ensures water quality better;

4. According to the load change, unit can adjust energy 25%–100% continuously, ensure the efficiency of compressor completely play and help users save running costs greatest extremely;

5. Perfect and reliable winter operating mode, through the frequency conversion of cooling tower fan or cooling water pump, or the proportional adjustment of cooling water flow controlling condensing temperature, ensures the equipment normal operation in winter or transition season, saving running costs of the pump.

工艺冷却系统
Industry Process Cooling System

工艺冷冻系统
Industry Process Refrigerating System

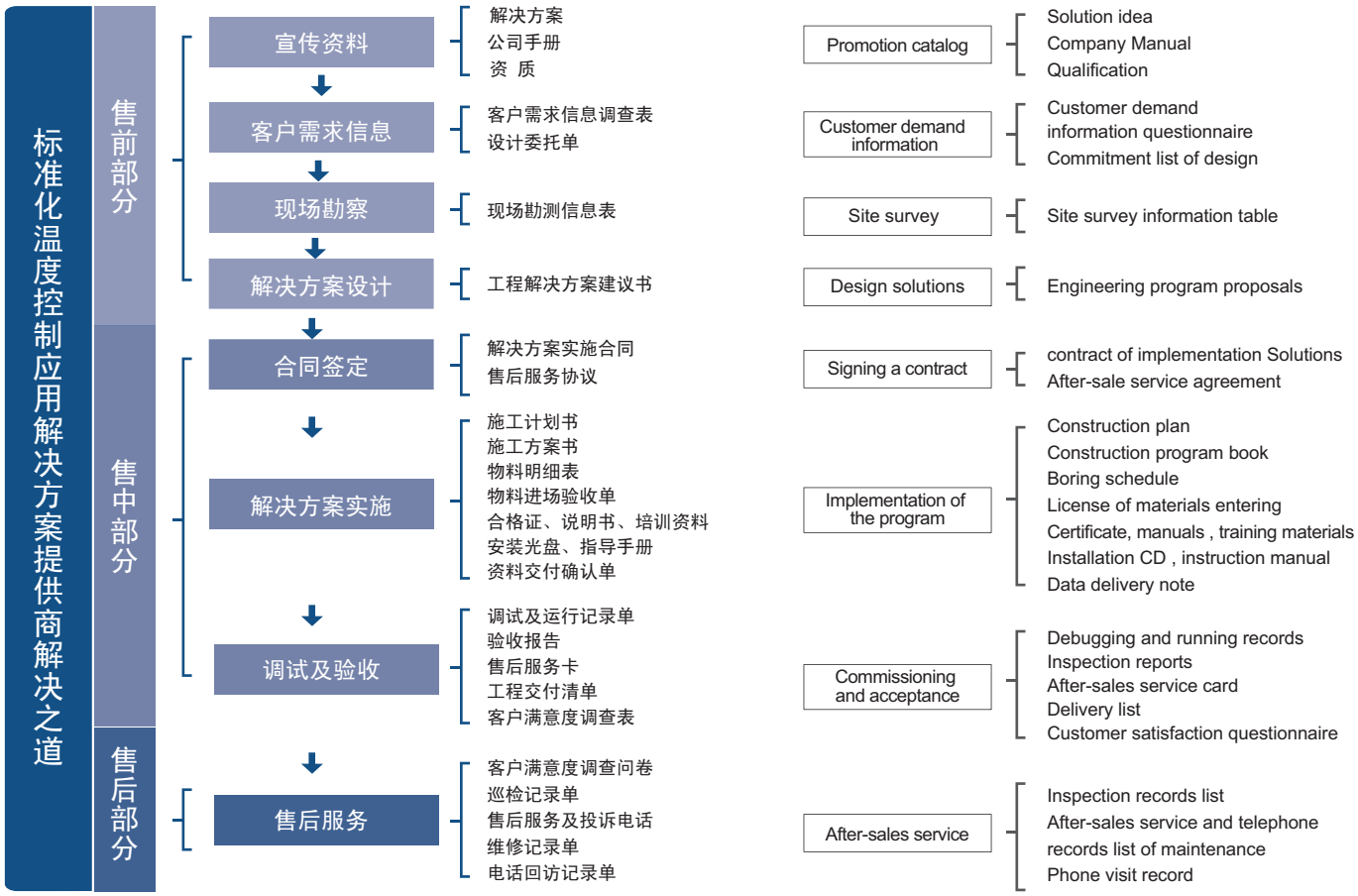
工艺加热系统
Industry Process Heatling System

高温工艺冷却机组
High temperature process cooling units

工艺空调系统
Industry Air Condition System

工艺冷热一体系统
Industry Process Temperature Control System

服务流程



Process of service

24小时全国统一服务热线：400-600-0955

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