# 精工品质 管家服务
## Precision Engineering Butler Service

### 三大保障措施
**Three Major Assurance Measures**

技术 Technology | 制造 Manufacturing | 服务 Service

## 技术保障 Technical Assurance

**采用正版授权软件，确保设计可靠安全**
**Genuine licensed software ensures reliable and secure design**

### 工艺流程计算
**Process Calculation**

**Unisim**

动态模拟精度达±0.5%
Dynamic simulation accuracy : ±0.5%

### 钢结构应力计算
**Steel Structure Stress Analysis**

**STAAD.Pro**

10万节点级有限元分析
100,000-node finite element analysis

### 一体化设计平台
**Integrated Design Platform**

**Siemens Comos**

EPC全流程数据贯通
Seamless EPC data integration

### 三维建模
**3D Modeling**

**AutoCAD Plant3D**

全息竣工级建模标准
Holographic As-Built Standard

### 冷箱管道应力计算
**Cold Box Pipeline Stress Analysis**

**AutoPIPE**

抗震&耐压极限验证
Seismic &
pressure resistance verification

### 压力容器强度
**Pressure Vessel Strength**

**SW6**

GB/T 150-2024最新规范校核
Comply with
GB/T 150-2024 latest standard

**多项核心专利技术，引领创新潮流**
**Multiple core patented technologies lead innovation trends**

### 独创圆形“微真空冷箱”
**Proprietary Circular "Micro-Vacuum Cold Box"**

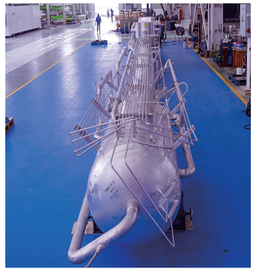
超低冷损，能耗优化
Ultra-low cold loss,
optimized energy efficiency

### 在线维修制冷压缩机和蒸发器
**Online Maintenance for Refrigeration Compressors &Evaporators**

无需停机，保障运维
Zero downtime, ensured operations









### 独创全户外仪电控一体柜
**Proprietary Outdoor Integrated Instrument and Electrical Control Cabinet**

便捷安装，操控灵活
Easy installation, flexible operation

### 自动切换启用加热器备用芯
**Automatic Switching of Backup Heater Core**

有备无患，省心安心
Worry-free and at ease

### 领创自动启用后备制冷压缩机
**Pioneering Automatic Activation of Backup Refrigeration Compressor**

降低风险，放心运用
Reliable operation with less risk

### 独创艺术化工业设计理念
**Innovative Artistic Industrial Design**

提升观感，美学精工
Enhanced aesthetics,
engineering excellence

## 制造保障 Manufacturing Assurance

**拥有先进自动化加工设备，确保制造精度**
**Advanced automated equipment ensures precision manufacturing**

### 全自动数控激光切割装置
**Fully Automated CNC Laser Cutting**

智能进出，精细加工
Intelligent material handling, precision machining

### 智能化数控弯管机
**Intelligent CNC Pipe Bending**

数控成型，精度卓越
NC forming, Precision forming

### 自动焊接机器人
**Robotic Welding Systems**

国际标准，高效可靠
International standards, high efficiency

### 数字化综合立体库
**Digital 3D Warehouse**

5000+材料，精准追溯
5,000+ materials tracked

**工序严苛管控，保障优良品质**
**Rigorous process control delivers superior quality**

### 冷箱管道100%探伤
**100% Defect Detection for Cold Box Pipelines**

超越国标，严苛自驱
Exceeds national standards, self-imposed rigor

### QMS质量控制管理系统
**QMS Quality Control System**

精益制作，品保溯源
Lean manufacturing, full traceability

### 金蝶K/3 cloud ERP系统
**Kingdee K/3 Cloud ERP**

物料管控，进出无忧
Real-time material tracking

### Mes 生产系统
**Mes Production System**

先进流程，数字智造
Advanced process,
Smart digital manufacturing





# 服务保障 Service Assurance

## Alita天网运维平台上线投运
## Alita O&M Platform Now Live

### Scada 操控系统
### Scada Control System
毫秒级数据采集和控制
Millisecond-level data acquisition

### AI智能“小塔”
### AI "Xiao Ta" Assistant
语音交互，精灵管家
Voice-controlled smart Butler

### 本地化部署Deepseek系统
### Locally Deployed DeepSeek System
开源共享，辅助分析
Open-source analytics

### 故障预测系统
### Predictive Fault System
提前预警，预防维护
Preventive maintenance



## Alita运维管家服务
## Alita O&M Butler Service

### 24小时天网在线监测帮管服务
### 24/7 On-line Monitoring
极速响应
Rapid response

### 针对性能耗优化升级服务
### Energy Efficiency Optimization
长效降本
Long-term cost savings

### 标准化年度运维方案及技术支持
### Standardized Annual O&M Plans
个性定制
Tailored technical support

### 全方位代运维托管服务
### Full O&M Outsourcing
运维无忧
Hassle-free management

# 联系我们
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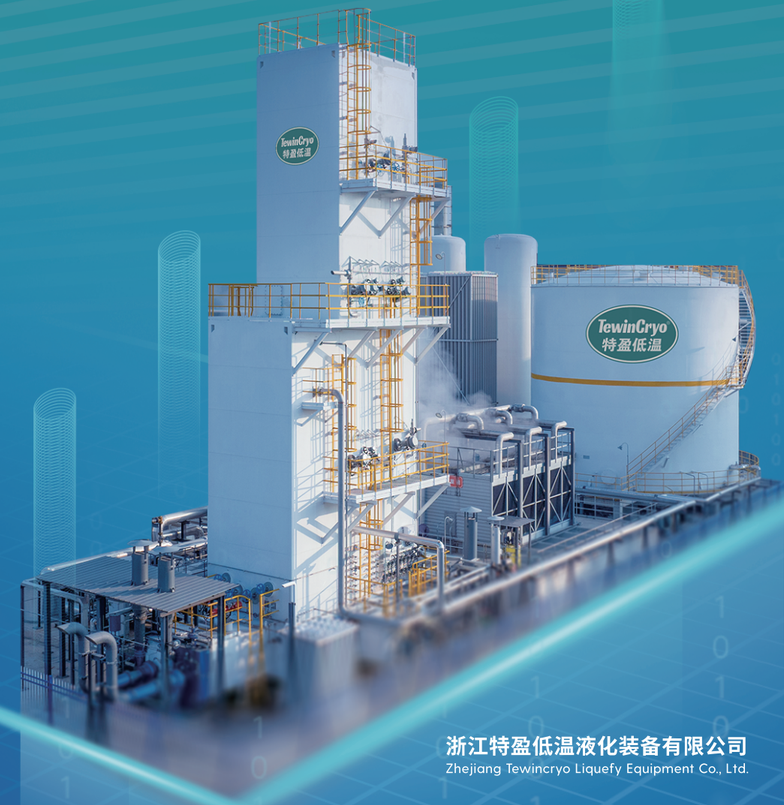
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特盈公众号

TewinCryo®
特盈低温

# 精工品质 管家服务
## Precision Engineering Butler Service




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