

匠人匠心 精益求精

專業品質 太陽製造



# 太陽漆包機

Sun Enameling Machine

保证品质求生存，研发创新谋发展！



专业的漆包线生产设备制造和服务商！  
Professional Enameling Machine Manufacturer And Service Provider



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东莞市太阳线缆设备有限公司  
DONGGUAN CITY SUN ENAMELING MACHINE CO.,LTD



## 公司简介 Company Profile

- ▶ 公司成立于2002年，高新技术企业，拥有员工150多名；
- ▶ 公司位于广东省东莞市大岭山镇，拥有自建厂房、办公楼、员工宿舍、食堂等设施；
- ▶ 公司自主研发、设计、生产各式漆包机及漆包线在线检测系统，取得漆包机烘炉、自动换盘、热风自动降温等多项核心技术发明专利，二十多项实用新型专利，多项产品获得“广东省高新技术产品证书”；
- ▶ 销售各型漆包机2200多台，连续多年销量第一；
- ▶ 设立有华东及华南两大售后服务中心，为用户提供全方位及时的服务；
- ▶ 以用户需求为导向的创新与发展，在性价比方面的绝对市场领先优势；
- ▶ 与众多一流漆包线生产厂家合作中铸就的卓越品质和优良的使用性能；
- ▶ 产品设计理念：“稳定、环保、低耗、自动化、易操作”
- ▶ 长期发展战略：“保证品质求生存，研发创新谋发展”

- ▶ SUN company was established in 2002, which is high tech enterprise, having 150 number of employees.
- ▶ Our company is located in Da Lingshan town, dongguan city. There are self-built factory, office building, employees dormitory and restaurant etc.
- ▶ SUN self-research, develop, and produce different types of enameling machines and inspection systems. we got many patents for enameling oven, automatic changeover, automatic hot air temperature decreasing, and more than 20 number of utility new type patents. Many products obtained "GUANGDONG HIGH TECH CERTIFICATE".
- ▶ We sold more than 2200 number of enameling machines. Sales quantity is top one continuously for many years.
- ▶ Our company have eastern china and southern china after-sale service centers, offering timely service for customers.
- ▶ Basing on user actual needs, our machines lead the market by high cost performance ratio.
- ▶ By cooperating with first class enameled wire factories, our machines achieve high quality and excellent performance.
- ▶ Our product design concept: stability, environment friendliness, low power consumption, automation, operation friendliness.
- ▶ Our long term development strategy: survive by quality, develop by innovation.





## 部分合作客户

### Partial Customers List

## 产品索引

### Product index

|                                                                                           |                                                                                            |                                                                                            |                                                                                            |                                                                                            |                                                                                            |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <br>格力电工 | <br>精迅·精达 | <br>长威科技  | <br>金田集团  | <br>睿胜超微  | <br>鹤山环球  |
| <br>台一铜业 | <br>大亚/恒亚 | <br>台湾荣星  | <br>住友电工  | <br>兢强科技  | <br>承顺铜业  |
| <br>金雁电工 | <br>应利成   | <br>河南华洋  | <br>华尔达线缆 | <br>江磁线缆  | <br>新隆·宇隆 |
| <br>威奇电工 | <br>太平洋   | <br>珠海松田  | <br>深圳太阳  | <br>东港电磁线 | <br>赛特电工  |
| <br>博能  | <br>铜冠电工 | <br>红旗集团 | <br>广州万宝 | <br>东莞益达 | <br>洪波股份 |

|                                                                                                        |                                                                                                         |                                                                                                     |                                                                                                   |                                                                                                     |                                                                                                      |                                                                                            |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <br>RAM RATNA GROUP | <br>GK WINDING WIRES | <br>SHERA ENERGY | <br>KALI GROUP | <br>LAKSHMI WIRE | <br>Sreelax India | <br>MMR |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|

|                                                                                            |                                                                                              |                                                                                               |                                                                                                      |                                                                                                    |                                                                                             |                                                                                            |                                                                                            |                                                                                             |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <br>SHH | <br>TURBO | <br>essyee | <br>VM INSULATION | <br>Sonali Wire | <br>LTGP | <br>SAM | <br>D&V | <br>T-TH |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|

### 漆包机系列 Enameling machine

|                    |                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------|
| H型---热交换型漆包机       | H type - Hot air exchange enameling machine                                                          |
| A型---热风循环型漆包机      | A type - Hot air recirculation enameling machine                                                     |
| AD型---中速多头全自动型漆包机  | AD type - Medium speed multi-lines full-automatic enameling machine                                  |
| AL型---铝漆包线生产专用漆包机  | AL type - Aluminum wire enameling machine                                                            |
| G型---高速拉包机(DV:150) | G type - High speed on-line drawing enameling machine [VD: 150]                                      |
| GD型---中速拉包机(DV:80) | GD type - Medium speed on-line drawing enameling machine [VD: 80]                                    |
| GT型---多头低速拉包机      | GT type - Multi-lines low speed on line drawing machine                                              |
| GB型---高速扁平漆包线专用漆包机 | GB type - High speed flat wire enameling machine                                                     |
| 其他：自粘线机、镀锡机、退火裸线机  | Other types - self-bonding wire enameling machine, tinned wire machine, annealing bare wire machine. |

### 漆包机换盘收线系列 Take-up machine

|                |                                                          |
|----------------|----------------------------------------------------------|
| 1)全自动换盘收线机     | 1) Full-auto changeover take-up machine                  |
| 2)激光排线全自动换盘收线机 | 2) Laser traversing full-auto changeover take-up machine |
| 3)半自动旋转换盘收线机   | 3) Semi-auto changeover take-up machine                  |
| 4)单轴收线机        | 4) Single shaft take-up machine                          |
| 5)立式大容量收线机     | 5) High capacity vertical take-up machine                |

### 漆包机在线检测设备 Enameled wire on-line inspection device

|                 |                                                               |
|-----------------|---------------------------------------------------------------|
| 1)在线激光测径巡检系统    | 1) On line guage inspection system                            |
| 2)漆包线漆膜自动调整系统   | 2) Enameled wire enamel coat automatic adjusting system       |
| 3)漆包线在线高压针孔检测系统 | 3) Enameled wire on-line high voltage inspection system       |
| 4)漆包线在线粒子检测系统   | 4) Enameled wire on-line blister inspection system            |
| 5)漆包线生产工艺记录查询系统 | 5) Enameled wire production data recording and inquiry system |

### 漆包机环保系列 Enameled wire environmental protection device

|                  |                                                                                      |
|------------------|--------------------------------------------------------------------------------------|
| 1)漆包机排废尾气环保处理器   | 1) Enameled wire exhaust treatment system                                            |
| 2)不锈钢漆槽废气收集环保罩   | 2) Enamel applicator exhaust collection cover                                        |
| 3)铝合金漆槽废气收集防风环保罩 | 3) Aluminum alloy enamel applicator exhaust collection air-proof environmental cover |

## SUN H type / heat exchange enameling machine

suitable for fine enameled wire, UEW/QA enameled copper wire production

| Oven Type | Size            | Lines & Passes                                                                            | Other Optional Configurations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------|-----------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| H2200     | Φ 0.02--Φ 0.04  | 12 lines / 12 passes                                                                      | 1. enamel applicator: <input type="checkbox"/> felt <input type="checkbox"/> metering pump felt<br>2. take-up: <input type="checkbox"/> semi-automatic changeover <input type="checkbox"/> full-automatic changeover<br>3. traverse mode : <input type="checkbox"/> left and right side separate control, common traverse <input type="checkbox"/> individual traverse <input type="checkbox"/> individual laser traverse<br>4. max.take-up : <input type="checkbox"/> PT-4 <input type="checkbox"/> PT-10 <input type="checkbox"/> meter type control mode<br>5. main control system : <input type="checkbox"/> touch screen type control mode, with workmanship recording and inquiry functions<br>6. inspection system : <input type="checkbox"/> full automatic laser guage inspection system <input type="checkbox"/> enamel coat automatic adjusting function<br>7. on line inspection : <input type="checkbox"/> on line pinhole inspection system<br>8. environmental protection optional item : <input type="checkbox"/> exhaust reburning system |
| H2400     | Φ 0.03--Φ 0.05  | 36 lines / 8 passes                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| H2600     | Φ 0.035--Φ 0.06 | 32 lines / 8 passes<br>32 lines / 9 passes<br>28 lines / 10passes                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| H2800     | Φ 0.04--Φ 0.08  |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| H3200     | Φ 0.06--Φ 0.12  | 36 lines / 8 passes<br>32 lines / 8 passes<br>32 lines / 9 passes<br>28 lines / 10 passes |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| H3400     | Φ 0.07--Φ 0.14  |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

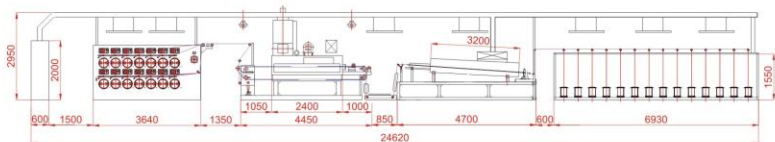
## 太阳H系列/热交换型漆包机

适用于微细漆包线，UEW/QA 漆包铜圆绕组线生产

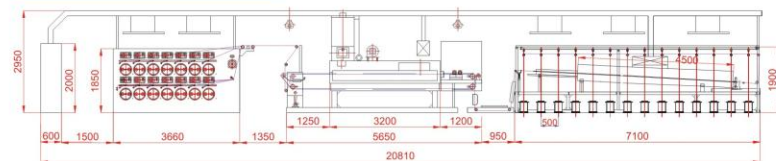
| 型号    | 生产规格            | 头数/道数                                    | 其它项目选择                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------|-----------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| H2200 | Φ 0.02--Φ 0.04  | 12头/ 12道                                 | 1. 涂漆方式: <input type="checkbox"/> 毛毡涂漆 <input type="checkbox"/> 计量泵毛毡涂漆<br>2. 收线方式: <input type="checkbox"/> 半自动换盘收线 <input type="checkbox"/> 全自动换盘收线<br>3. 排线方式: <input type="checkbox"/> 左右独立控制, 统一排线 <input type="checkbox"/> 单头独立排线 <input type="checkbox"/> 单头光控排线<br>4. 最大收线: <input type="checkbox"/> PT-4 <input type="checkbox"/> PT-10 <input type="checkbox"/> 传统仪表控制方式<br>5. 主控系统: <input type="checkbox"/> 触摸屏控制方式, 带工艺记录查询功能<br>6. 检测系统: <input type="checkbox"/> 全自动激光测径监控系统 <input type="checkbox"/> 漆膜自动调整功能<br>7. 在线检测: <input type="checkbox"/> 在线高压针孔检测系统<br>8. 环保装置: <input type="checkbox"/> 排废尾气环保处理器 |
| H2400 | Φ 0.03--Φ 0.05  | 36头/ 8道                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| H2600 | Φ 0.035--Φ 0.06 | 32头/ 8道<br>32头/ 9道<br>28头/10道            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| H2800 | Φ 0.04--Φ 0.08  |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| H3200 | Φ 0.06--Φ 0.12  | 36头/ 8道<br>32头/ 8道<br>32头/ 9道<br>28头/10道 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| H3400 | Φ 0.07--Φ 0.14  |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |



H2400-28-8平面布置图 LAYOUT



H3200-28-8平面布置图LAYOUT





## SUN A type / hot air recirculation enameling machine

suitable for UEW/PEW/EIW/EI/AIW enameled copper wire production

| Oven Type | Size           | Lines & Passes                                                     | Other Optional Configurations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------|----------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A3600     | Φ 0.07--Φ 0.15 | 36 lines / 8 passes<br>32 lines / 9 passes<br>28 lines / 10 passes | 1. enamel applicator : <input type="checkbox"/> felt <input type="checkbox"/> felt + dies<br>2. take-up : <input type="checkbox"/> semi-automatic changeover<br><input type="checkbox"/> full-automatic changeover<br>3. max.take-up : <input type="checkbox"/> PT-15 <input type="checkbox"/> PT-25<br>4. main control system : <input type="checkbox"/> meter type control mode<br><input type="checkbox"/> touch screen type control mode with workmanship recording and inquiry functions<br>5. inspection system : <input type="checkbox"/> full automatic laser gauge inspection system<br><input type="checkbox"/> enamel coat automatic adjusting function<br>6. on line inspection : <input type="checkbox"/> on line pinhole inspection system<br>7. environmental protection optional item : <input type="checkbox"/> exhaust reburning system                                                                                                                             |
| A3800     | Φ 0.08--Φ 0.20 |                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| A4000     | Φ 0.10--Φ 0.30 | 36 lines / 8 passes<br>32 lines / 9 passes<br>28 lines / 10 passes |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| A4200     | Φ 0.15--Φ 0.35 |                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| A4500     | Φ 0.25--Φ 0.60 | 32 lines / 8 passes<br>28 lines / 9 passes<br>24 lines / 10 passes | 1. enamel applicator : <input type="checkbox"/> felt <input type="checkbox"/> spraying dies type<br><input type="checkbox"/> felt + dies<br>2. take-up : <input type="checkbox"/> single shaft type <input type="checkbox"/> PT-25 <input type="checkbox"/> PT-60<br><input type="checkbox"/> vertical take-up <input type="checkbox"/> PT-90 <input type="checkbox"/> PT-200<br>3. main control system : <input type="checkbox"/> meter type control mode<br><input type="checkbox"/> touch screen type control mode with workmanship recording and inquiry functions<br>4. on line inspection : <input type="checkbox"/> on line pinhole inspection system<br><input type="checkbox"/> on line blister inspection system<br>5. environmental protection optional item : <input type="checkbox"/> exhaust reburning system<br>6. other optional items : <input type="checkbox"/> four speeds type, can produce 4 sizes<br><input type="checkbox"/> separate speed, separate traverse |
| A5000     | Φ 0.40--Φ 0.80 | 32 lines / 8 passes<br>28 lines / 9 passes<br>24 lines / 10 passes |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## AD Medium speed multi-lines full-automatic enameling machine

| Oven Type | Size           | Lines & PassesDV                                                     | DV    | Other Optional Configurations                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------|----------------|----------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AD6000    | Φ 0.15--Φ 0.35 | 16 lines / 12 passes<br>12 lines / 16 passes<br>20 lines / 10 passes | 40-50 | 1. enamel applicator : <input type="checkbox"/> felt + dies<br><input type="checkbox"/> spraying dies type<br>2. take-up : <input type="checkbox"/> full-automatic changeover<br>3. max.take-up <input type="checkbox"/> PT-25<br>4. on line inspection <input type="checkbox"/> on line pinhole inspection system<br><input type="checkbox"/> on line blister inspection system<br>5. environmental protection optional item : <input type="checkbox"/> exhaust reburning system |
| AD6000    | Φ 0.20--Φ 0.40 |                                                                      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| AD6000    | Φ 0.25--Φ 0.50 |                                                                      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |



## 太阳A系列 / 热风循环型漆包机

适用于UEW PEW EIW EI/AIW 漆包铜圆绕组线生产

| 型号    | 生产规格           | 头数/道数                       | 其它项目选择                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------|----------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A3600 | Φ 0.07--Φ 0.15 | 36头/8道<br>32头/9道<br>28头/10道 | 1. 涂漆方式 : <input type="checkbox"/> 毛毡涂漆 <input type="checkbox"/> 毛毡+模具双涂漆<br>2. 收线方式 : <input type="checkbox"/> 半自动翻盘收线<br><input type="checkbox"/> 全自动换盘收线<br>3. 最大收线 : <input type="checkbox"/> PT-15 <input type="checkbox"/> PT-25<br>4. 主控系统 : <input type="checkbox"/> 传统仪表控制方式<br><input type="checkbox"/> 触摸屏控制方式, 带工艺记录查询功能<br>5. 检测系统 : <input type="checkbox"/> 全自动激光测径检测系统<br><input type="checkbox"/> 漆膜自动调整功能<br>6. 在线检测 : <input type="checkbox"/> 在线高压针孔检测系统<br>7. 环保装置 : <input type="checkbox"/> 排废尾气环保处理器                                                                                                                            |
| A3800 | Φ 0.08--Φ 0.20 |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| A4000 | Φ 0.10--Φ 0.30 | 36头/8道<br>32头/9道<br>28头/10道 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| A4200 | Φ 0.15--Φ 0.35 |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| A4500 | Φ 0.25--Φ 0.60 | 32头/8道<br>28头/9道<br>24头/10道 | 1. 涂漆方式 : <input type="checkbox"/> 毛毡涂漆 <input type="checkbox"/> 喷淋模具涂漆<br><input type="checkbox"/> 毛毡+模具双涂漆<br>2. 收线方式 : <input type="checkbox"/> 单轴收线 <input type="checkbox"/> PT-25 <input type="checkbox"/> PT-60<br><input type="checkbox"/> 立式收线 <input type="checkbox"/> PT-90 <input type="checkbox"/> PT-200<br>3. 主控系统 : <input type="checkbox"/> 传统仪表控制方式<br><input type="checkbox"/> 触摸屏控制方式, 带工艺记录查询功能<br>4. 在线检测 : <input type="checkbox"/> 在线高压针孔检测系统<br><input type="checkbox"/> 在线漆膜检测系统<br>5. 环保装置 : <input type="checkbox"/> 排废尾气环保处理器<br>6. 其它可选 : <input type="checkbox"/> 四速度型, 可同时生产四种规格<br><input type="checkbox"/> 独立速度, 独立排线型 |
| A5000 | Φ 0.40--Φ 0.80 | 32头/8道<br>28头/9道<br>24头/10道 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## AD系列：多头中速漆包机

| 型号     | 生产规格           | 头数/道数                         | DV    | 其它项目选择                                                                                                                                                                                                                                                                                                         |
|--------|----------------|-------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AD6000 | Φ 0.15--Φ 0.35 | 16头/12道<br>12头/16道<br>20头/10道 | 40-50 | 1. 涂漆方式 : <input type="checkbox"/> 毛毡+模具双涂漆<br><input type="checkbox"/> 喷淋模具涂漆<br>2. 收线方式 : <input type="checkbox"/> 全自动换盘收线<br>3. 最大收线 : <input type="checkbox"/> PT-25<br>4. 在线检测 : <input type="checkbox"/> 在线高压针孔检测系统<br><input type="checkbox"/> 在线漆膜检测系统<br>5. 环保装置 : <input type="checkbox"/> 排废尾气环保处理器 |
| AD6000 | Φ 0.20--Φ 0.40 |                               |       |                                                                                                                                                                                                                                                                                                                |
| AD6000 | Φ 0.25--Φ 0.50 |                               |       |                                                                                                                                                                                                                                                                                                                |



## SUN AL type / hot air recirculation enameling machine

suitable for UEW/PEW/EIW/EI/AIW enameled aluminum wire production

| Oven Type | Size           | Lines & PassesDV                                                   | Other Optional Configurations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------|----------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AL4200S   | Φ 0.15--Φ 0.35 | 36 lines / 8 passes<br>32 lines / 9 passes<br>28 lines / 10 passes | 1. enamel applicator : <input type="checkbox"/> felt <input type="checkbox"/> felt + dies<br>2. take-up : <input type="checkbox"/> semi-automatic changeover<br><input type="checkbox"/> full automatic changeover<br><input type="checkbox"/> PT-25 <input type="checkbox"/> PT-60<br>3. max.take-up : <input type="checkbox"/> meter type control mode<br><input type="checkbox"/> touch screen type control mode, with workmanship recording and inquiry functions<br>4. main control system : <input type="checkbox"/> full automatic laser gauge inspection system<br><input type="checkbox"/> enamel coat automatic adjusting function<br><input type="checkbox"/> on line pinhole inspection system<br>5. inspection system : <input type="checkbox"/> exhaust reburning system<br>6. on line inspection : <input type="checkbox"/> environmental protection optional item :<br>7. environmental protection optional item :                                                                                                                                                                                                                    |
| AL4200    | Φ 0.20--Φ 0.40 |                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| AL4500    | Φ 0.25--Φ 0.60 | 32lines / 8 passes<br>28 lines / 9 passes<br>24lines / 10 passes   | 1. enamel applicator : <input type="checkbox"/> felt <input type="checkbox"/> spraying dies type<br><input type="checkbox"/> felt + dies<br>2. take-up : <input type="checkbox"/> single shaft <input type="checkbox"/> PT-25 <input type="checkbox"/> PT-60 <input type="checkbox"/> PT-90<br><input type="checkbox"/> vertical take-up <input type="checkbox"/> PT-90 <input type="checkbox"/> PT-200 <input type="checkbox"/> PT-270<br>3. main control system : <input type="checkbox"/> meter type control mode<br><input type="checkbox"/> touch screen type control mode, with workmanship recording and inquiry functions<br>4. bare wire cleaning : <input type="checkbox"/> hot water cleaner + steam generator<br>5. on line inspection : <input type="checkbox"/> on line pinhole inspection system<br><input type="checkbox"/> on line blister inspection system<br><input type="checkbox"/> exhaust reburning system<br>6. environmental protection optional item :<br>7. other optional items : <input type="checkbox"/> four speeds type, can produce 4 sizes<br><input type="checkbox"/> each line separate speed, separate traverse |
| AL5000S   | Φ 0.35--Φ 0.70 |                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| AL5000    | Φ 0.40--Φ 0.90 | 28lines / 8 passes<br>28 lines / 9 passes<br>24lines / 10 passes   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| AL5000    | Φ 0.50--Φ 1.0  | 28lines / 8 passes<br>28 lines / 9 passes<br>24lines / 10 passes   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |



## 太阳AL系列 / 热风循环型漆包机

适用于UEW PEW EIW EI\AIW 漆包铝圆绕组线生产

| 型号      | 生产规格           | 头数/道数                         | 其它项目选择                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------|----------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AL4200S | Φ 0.15--Φ 0.35 | 36头/ 8道<br>32头/ 9道<br>28头/10道 | 1. 涂漆方式 : <input type="checkbox"/> 毛毡涂漆 <input type="checkbox"/> 毛毡+模具双涂漆<br>2. 收线方式 : <input type="checkbox"/> 半自动翻盘收线<br><input type="checkbox"/> 全自动换盘收线<br>3. 最大收线 : <input type="checkbox"/> PT-25 <input type="checkbox"/> PT-60<br>4. 主控系统 : <input type="checkbox"/> 传统仪表控制方式<br><input type="checkbox"/> 触摸屏控制方式, 带工艺记录查询功能<br>5. 检测系统 : <input type="checkbox"/> 全自动激光测径巡检系统<br><input type="checkbox"/> 漆膜自动调整功能<br>6. 在线检测 : <input type="checkbox"/> 在线高压针孔检测系统<br>7. 环保装置 : <input type="checkbox"/> 排废尾气环保处理器                                                                                                                                                                                                                                              |
| AL4200  | Φ 0.20--Φ 0.40 |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| AL4500  | Φ 0.25--Φ 0.60 | 32头/ 8道<br>28头/ 9道<br>28头/10道 | 1. 涂漆方式 : <input type="checkbox"/> 毛毡涂漆 <input type="checkbox"/> 喷淋模具涂漆<br><input type="checkbox"/> 毛毡+模具双涂漆<br>2. 收线方式 : <input type="checkbox"/> 单轴收线 <input type="checkbox"/> PT-25 <input type="checkbox"/> PT-60 <input type="checkbox"/> PT-90<br><input type="checkbox"/> 立式收线 <input type="checkbox"/> PT-90 <input type="checkbox"/> PT-200 <input type="checkbox"/> PT-270<br>3. 主控系统 : <input type="checkbox"/> 传统仪表控制方式<br><input type="checkbox"/> 触摸屏控制方式, 带工艺记录查询功能<br>4. 裸线清洗 : <input type="checkbox"/> 热水清洗+蒸汽发生器<br>5. 在线检测 : <input type="checkbox"/> 在线高压针孔检测系统<br><input type="checkbox"/> 在线漆粉检测系统<br>6. 环保装置 : <input type="checkbox"/> 排废尾气环保处理器<br>7. 其它可选 : <input type="checkbox"/> 四速度型, 可同时生产四种规格<br><input type="checkbox"/> 每头独立速度, 独立排线型 |
| AL5000S | Φ 0.35--Φ 0.70 |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| AL5000  | Φ 0.40--Φ 0.90 | 28头/ 8道<br>28头/ 9道<br>24头/10道 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| AL5000  | Φ 0.50--Φ 1.0  | 28头/ 8道<br>28头/ 9道<br>24头/10道 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |





## On Line Drawing Enameling Machine

### G type : high speed on line drawing enameling machine

| Oven Type | Size           | Lines & PassesDV                                                  | DV       | Other Optional Configurations                                                                                                                                                                                                                                                                  |
|-----------|----------------|-------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G9700     | Φ 0.20--Φ 0.40 | 2 lines / 20 passes<br>3 lines / 20 passes<br>4 lines / 20 passes | 100--130 | 1. enamel applicator : <input type="checkbox"/> spraying dies<br>2. take-up : <input type="checkbox"/> vertical full automatic changeover<br>3. max.take-up : <input type="checkbox"/> PT-25 <input type="checkbox"/> PT-90<br><input type="checkbox"/> PT-200 <input type="checkbox"/> PT-270 |
| G9700     | Φ 0.30--Φ 0.60 | 2 lines / 24 passes<br>3 lines / 24 passes<br>4 lines / 24 passes | 130--150 | 4. drawing machine : <input type="checkbox"/> drum type drawing machine                                                                                                                                                                                                                        |
| G9700     | Φ 0.40--Φ 0.80 |                                                                   |          | 5. on line inspection : <input type="checkbox"/> on line pinhole inspection system<br><input type="checkbox"/> on line blister inspection system                                                                                                                                               |
| G9700     | Φ 0.50--Φ 1.00 |                                                                   |          | 6. environmental protection optional item : <input type="checkbox"/> exhaust reburning system                                                                                                                                                                                                  |

### D type : medium speed on line drawing enameling machine

| Oven Type | Size           | Lines & PassesDV                                                  | DV     | Other Optional Configurations                                                                                                                                                                                                                                                                  |
|-----------|----------------|-------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| D8000     | Φ 0.20--Φ 0.40 | 2 lines / 16 passes<br>3 lines / 16 passes<br>4 lines / 16 passes | 70--90 | 1. enamel applicator : <input type="checkbox"/> spraying dies<br>2. take-up : <input type="checkbox"/> vertical full automatic changeover<br>3. max.take-up : <input type="checkbox"/> PT-25 <input type="checkbox"/> PT-90<br><input type="checkbox"/> PT-200 <input type="checkbox"/> PT-270 |
| D8000     | Φ 0.30--Φ 0.60 | 2 lines / 18 passes<br>3 lines / 18 passes<br>4 lines / 18 passes | 70--90 | 4. drawing machine : <input type="checkbox"/> drum type drawing machine                                                                                                                                                                                                                        |
| D8000     | Φ 0.40--Φ 0.80 |                                                                   |        | 5. on line inspection : <input type="checkbox"/> on line pinhole inspection system<br><input type="checkbox"/> on line blister inspection system                                                                                                                                               |
| D8000     | Φ 0.50--Φ 1.00 |                                                                   |        | 6. environmental protection optional item : <input type="checkbox"/> exhaust reburning system                                                                                                                                                                                                  |

### T type : multi-lines low speed on line drawing enameling machine (suitable for copper wire and aluminum wire production)

| Oven Type | Size                    | Lines & PassesDV                                                    | DV     | Other Optional Configurations                                                                                                                                                                                               |
|-----------|-------------------------|---------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| T6000     | Φ 0.20--Φ 0.40          | 16 lines / 12 passes<br>12 lines / 16 passes<br>20 lines / 10passes | 40--50 | 1. enamel applicator : <input type="checkbox"/> spraying dies<br><input type="checkbox"/> felt + dies                                                                                                                       |
| T6000     | Φ 0.30--Φ 0.60          |                                                                     |        | 2. take-up : <input type="checkbox"/> horizontal full automatic changeover<br><input type="checkbox"/> vertical manual changeover                                                                                           |
| T6000     | Φ 0.40--Φ 0.80          |                                                                     |        | 3. max.take-up : <input type="checkbox"/> PT-25 <input type="checkbox"/> PT-90<br><input type="checkbox"/> PT-200 <input type="checkbox"/> PT-270                                                                           |
| T6000     | Φ 0.50--Φ 1.20 aluminum |                                                                     |        | 4. drawing machine : <input type="checkbox"/> drum type drawing machine<br>5. on line inspection : <input type="checkbox"/> on line pinhole inspection system<br><input type="checkbox"/> on line blister inspection system |
|           |                         |                                                                     |        | 6. environmental protection optional item : <input type="checkbox"/> exhaust reburning system                                                                                                                               |



## 拉包机系列

### G系列：高速拉包机

| 型号    | 生产规格           | 头数/道数                      | DV       | 其它项目选择                                                                                                                                                                                                                               |
|-------|----------------|----------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G9700 | Φ 0.20--Φ 0.40 | 2头/20道<br>3头/20道<br>4头/20道 | 100--130 | 1. 涂漆方式: <input type="checkbox"/> 喷淋模具涂漆<br>2. 收线方式: <input type="checkbox"/> 立式全自动换盘收线<br>3. 最大收线: <input type="checkbox"/> PT-25 <input type="checkbox"/> PT-90<br><input type="checkbox"/> PT-200 <input type="checkbox"/> PT-270 |
| G9700 | Φ 0.30--Φ 0.60 | 2头/24道<br>3头/24道<br>4头/24道 | 130--150 | 4. 拉丝设备: <input type="checkbox"/> 鼓轮式拉丝机                                                                                                                                                                                             |
| G9700 | Φ 0.40--Φ 0.80 |                            |          | 5. 在线检测: <input type="checkbox"/> 在线高压针孔检测系统<br><input type="checkbox"/> 在线漆粒子检测系统                                                                                                                                                   |
| G9700 | Φ 0.50--Φ 1.00 |                            |          | 6. 环保装置: <input type="checkbox"/> 排废尾气环保处理器                                                                                                                                                                                          |

### D系列：中速拉包机

| 型号    | 生产规格           | 头数/道数                      | DV     | 其它项目选择                                                                                                                                                                                                                               |
|-------|----------------|----------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| D8000 | Φ 0.20--Φ 0.40 | 2头/16道<br>3头/16道<br>4头/16道 | 70--90 | 1. 涂漆方式: <input type="checkbox"/> 喷淋模具涂漆<br>2. 收线方式: <input type="checkbox"/> 立式全自动换盘收线<br>3. 最大收线: <input type="checkbox"/> PT-25 <input type="checkbox"/> PT-90<br><input type="checkbox"/> PT-200 <input type="checkbox"/> PT-270 |
| D8000 | Φ 0.30--Φ 0.60 | 2头/18道<br>3头/18道<br>4头/18道 | 70--90 | 4. 拉丝设备: <input type="checkbox"/> 鼓轮式拉丝机                                                                                                                                                                                             |
| D8000 | Φ 0.40--Φ 0.80 |                            |        | 5. 在线检测: <input type="checkbox"/> 在线高压针孔检测系统<br><input type="checkbox"/> 在线漆粒子检测系统                                                                                                                                                   |
| D8000 | Φ 0.50--Φ 1.00 |                            |        | 6. 环保装置: <input type="checkbox"/> 排废尾气环保处理器                                                                                                                                                                                          |

### T系列：多头低速拉包机【适合铝漆包线及铜漆包线生产】

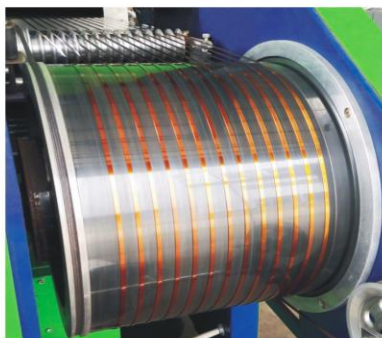
| 型号    | 生产规格             | 头数/道数                         | DV     | 其它项目选择                                                                                                                                    |
|-------|------------------|-------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------|
| T6000 | Φ 0.20--Φ 0.40   | 16头/12道<br>12头/16道<br>20头/10道 | 40--50 | 1. 涂漆方式: <input type="checkbox"/> 喷淋模具涂漆<br><input type="checkbox"/> 毛毡+模具双涂漆                                                             |
| T6000 | Φ 0.30--Φ 0.60   |                               |        | 2. 收线方式: <input type="checkbox"/> 卧式全自动换盘收线<br><input type="checkbox"/> 立式手动换盘收线                                                          |
| T6000 | Φ 0.40--Φ 0.80   |                               |        | 3. 最大收线: <input type="checkbox"/> PT-25 <input type="checkbox"/> PT-90<br><input type="checkbox"/> PT-200 <input type="checkbox"/> PT-270 |
| T6000 | Φ 0.50--Φ 1.20 铝 |                               |        | 4. 拉丝设备: <input type="checkbox"/> 鼓轮式拉丝机<br>5. 在线检测: <input type="checkbox"/> 在线高压针孔检测系统<br><input type="checkbox"/> 在线漆粒子检测系统            |
|       |                  |                               |        | 6. 环保装置: <input type="checkbox"/> 排废尾气环保处理器                                                                                               |



## 扁平线漆包机 flat wire enameling machine

| 型号     | 生产规格                                                                                                                                               | 头数/道数  | DV     | 其它项目选择                                                                                                                                                                                                                |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GB8000 | $\leq 1.0\text{mm}^2$<br>$\leq 2.0\text{mm}^2$<br>$\leq 3.0\text{mm}^2$<br>$\leq 4.0\text{mm}^2$<br>$\leq 5.0\text{mm}^2$<br>$\leq 6.0\text{mm}^2$ | 2头/25道 | 40--60 | 1. 涂漆方式: <input type="checkbox"/> 毛毡涂漆<br>2. 收线方式: <input type="checkbox"/> 全自动换盘收线<br>3. 在线检测: <input type="checkbox"/> 在线高压针孔检测系统<br><input type="checkbox"/> 扁线激光测径<br>4. 环保装置: <input type="checkbox"/> 排废尾气环保处理器 |
| 慢速扁线机  | 微小扁线或自粘小扁线                                                                                                                                         | 2头/25道 | 15-25  |                                                                                                                                                                                                                       |

| Oven Type                             | Size                                                                                                                                               | Lines & Passes     | DV     | Other Optional Configurations                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GB8000                                | $\leq 1.0\text{mm}^2$<br>$\leq 2.0\text{mm}^2$<br>$\leq 3.0\text{mm}^2$<br>$\leq 4.0\text{mm}^2$<br>$\leq 5.0\text{mm}^2$<br>$\leq 6.0\text{mm}^2$ | 2 lines / 25passes | 40--60 | 1. enamel applicator: <input type="checkbox"/> felt<br>2. take-up: <input type="checkbox"/> full automatic changeover<br>3. on line inspection: <input type="checkbox"/> on line pinhole inspection system<br><input type="checkbox"/> flat wire laser gauge inspection system<br>4. environmental protection optional item: <input type="checkbox"/> exhaust reburning system |
| low speed flat wire enameling machine | fine flat wire or self-bonding fine flat wire                                                                                                      | 2 lines / 25passes | 15-25  |                                                                                                                                                                                                                                                                                                                                                                                |



## 中速多头全自动型漆包机 Medium speed multi-lines full-automatic enameling machine





### 全自动换盘收线：

full automatic changeover take-up

- 独立设定每条线长度，到达设定长度后自动换盘
- 换盘完成后自动刹车
- 换盘过程声光报警提示
- 适用于0.02mm---0.5mm内的各种规格
- 无人操作，无技能要求，多快好省！
- 符合未来发展趋势，一次投资终身受益！



- Set each line length separately, changeover automatically starts after reaching set length.
- Automatic brake after changeover finished.
- Light and sound alarm indication during changeover process.
- Suitable for wire size within 0.02-0.50mm
- Non worker operation, no skill requirement, output high, speed fast, quality high and cost low.
- In accordance with future development trend, lifetime benefit after one time investment.

### 单头独立排线方式：

single line individual traverse type

- 每条线配备独立排线机构，参数独立设置，可同时使用不同线轴收线；
- 等线距排线功能，底盘、满盘均可整齐排线；
- 适用HK双锥盘、PT线盘、PL线盘等各种线盘；
- 满足高级用户及未来市场高速放线要求；



- Each line configure separate traverse device. Parameter can be set separately. Can use different bobbins at same time.
- Equal wire spacing traversing function. Base bobbin, full bobbin can be traversed evenly.
- Suitable for HK bi-conical bobbin, PT bobbin, PL bobbin etc.
- Meet high end user and future market high speed payoff requirement.

### 光控独立排线方式：

laser individual traverse type

- 采用激光自动巡边，不用人为干预，随时使用各种线盘；
- 等线距排线功能，底盘、满盘均可整齐排线；
- 适用HK双锥盘、PT线盘、PL线盘等各种线盘；
- 满足高级用户及未来市场高速放线要求；



- Adopt laser to find edge automatically, not require worker to intervene, can use different bobbins.
- Equal wire spacing traversing function. Base bobbin, full bobbin can be traversed evenly.
- Suitable for HK bi-conical bobbin, PT bobbin, PL bobbin etc.
- Meet high end user and future market high speed payoff requirement.

### 太阳漆包机废气收集处理 SUN enameling machine exhaust collection and treatment device

#### ●漆包机排废尾气环保处理器

- 1.漆包机一次、二次催化燃烧后，虽已达到大气排放要求，但仍不能完全消除气味，影响环境；
- 2.漆包机排废尾气环保处理器，安装有多层特制的催化剂，可对排出户外的废气再次进行分层催化燃烧，达到再次燃烧环保除味的效果；

#### ●enameling machine exhaust treatment environmental system

- 1.after first and second catalyst burning, although it reaches discharging standard, the smell cannot be removed completely. it pollute environment.
- 2.special multiple layers of catalysts are installed in the exhaust treatment device. It can burn the exhaust smell discharged outside by multiple layers catalyzing, reaching reburning smell removal environmental effect.



#### ●不锈钢漆槽废气收集环保罩

漆槽散发的溶剂，经收集后重新送入烘炉内燃烧，使无组织排放变成有组织回收处理，改善车间环境，达到环保要求；

#### ●stainless steel enamel applicator exhaust collection cover

The solvent emit from enamel applicator is collected and sent to oven for reburning, making inorganized discharging into inorganized collection treatment. It improve workshop environment and meet environmental requirement.

#### ●铝合金漆槽废气收集防风环保罩

#### ●aluminum alloy enamel applicator exhaust collection air-proof environmental cover



**给您的品质一个保障，给您的客户一个放心！**

**生产全程在线检测，保障产品品质。**

supply a guarantee for quality, offer customer an ease  
whole production process on line inspection, ensure product quality

### 在线高压针孔/粒子检测 on line pinhole / blister inspection

检测数据、报警数据全部记录存储，方便查询及问题追溯。  
检测值达到设定缺陷值时，系统会发出声光报警。

inspected data, alarm data all stored, facilitating inquiry and problem tracking.  
system give light and sound alarm when inspected value reach set defect value.

型号:

- ① 在线高压针孔+粒子检测系统[夹片式]
- ② 在线高压针孔检测系统[电刷式]
- ③ 在线粒子检测系统[模具法]

type:

1. on line high voltage pinhole + blister inspection system (clipping type)
2. on line high voltage inspection system (electric brush type)
3. on line blister inspection system (dies type)



高速机安装  
high speed machine installation



立式机安装  
vertical machine installation



模具法粒子检测安装  
dies type blister inspection installation

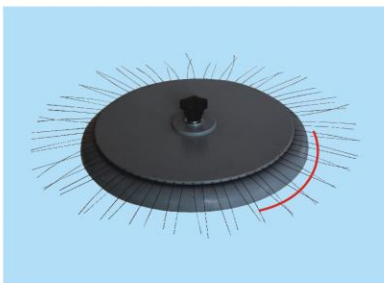


电刷式高压针孔检测安装  
electric brush high voltage pinhole inspection installation

### 图片展示及型号对照表 photos show and type comparison table

#### 漆包线规格对照表:

| 铜芯标称直径 (mm) | 近似的美标铜线(SWG) | 铜芯标称直径 (mm) | 近似的美标铜线(SWG) |
|-------------|--------------|-------------|--------------|
| 0.03        | 49           | 0.29        | 31           |
| 0.04        | 48           | 0.31        | 30           |
| 0.05        | 47           | 0.35        | 29           |
| 0.06        | 46           | 0.38        | 28           |
| 0.07        | 45           | 0.41        | 27           |
| 0.08        | 44           | 0.47        | 26           |
| 0.09        | 43           | 0.51        | 25           |
| 0.10        | 42           | 0.55        | 24           |
| 0.11        | 41           | 0.62        | 23           |
| 0.12        | 40           | 0.72        | 22           |
| 0.13        | 39           | 0.80        | 21           |
| 0.15        | 38           | 0.90        | 20           |
| 0.17        | 37           | 1.04        | 19           |
| 0.19        | 36           | 1.20        | 18           |
| 0.21        | 35           | 1.40        | 17           |
| 0.23        | 34           | 1.62        | 16           |
| 0.25        | 33           | 1.81        | 15           |
| 0.27        | 32           | 2.02        | 14           |



### 全自动激光测径巡检系统

### full automatic laser gauge inspection system

#### 【1、接触式 2、非接触式】

#### 1. contact type 2. non-contact type

功能介绍:

##### 一、全自动漆膜巡检功能:

1. 一台漆包机左右两边共用一台激光测径仪，分别检测所有线径。
2. 自动线径测量功能：测径仪安装在可移动的导轨之上，自动跑位到各测量位置，进行线径自动测量。
3. 线径记录与查询功能：测量的数据自动记录存储，多种查询方式，曲线图表显示。
4. 线径异常报警功能：根据用户设定的最大线径和最小线径，当实际测量线径超出设定范围，启动报警提示，并记录异常数据。
5. 触摸屏人机界面操作控制系统：
  - 上位机配备工业触摸屏控制，进行人机对话，直观、简单、易操作。
  - 程序控制，自动走位，实现逐条巡检、数据记录、异常报警等工作。
  - 巡检测量的频次、周期及其它参数的灵活设定功能等。
  - 记录数据转存到U盘继续保存和分析，历史追溯等



#### Functions Introduction

##### full automatic enamel coat inspection function

1. Left and right side share one laser inspector. It inspects all wire sizes.
2. Automatic gauge inspection function: gauge inspector is installed on movable lead rail, automatically moves to respective position and check their diameter.
3. Wire size recording and inquiry function: measured data automatically stored, various inquiry modes, curve displaying.
4. Wire size anomaly alarm function: according to maximum wire size and minimum size set by user, alarm starts and records abnormal data when actual size exceed set range.
5. Touch screen HMI operation system:
  - Host computer is configured with industrial touch screen operation system for man-machine interaction. Direct and easy operation.
  - Program control, automatic movement, realize inspection for each line, data recording, anomaly alarm etc.
  - Inspection frequency, period and other parameters can be set flexibly.
  - Recording data is stored into U disk for analyzing and tracking.

##### 二、漆膜自动调整功能:

##### varnish coat automatic adjusting function

1. 漆膜自动调整功能须配合全自动激光测径巡检功能使用；
2. 根据测径仪测得的数据，经电脑程序演算后，自动反馈并控制调整底漆辊转速，自动控制漆膜大小。
1. Varnish coat automatic adjusting function is configured together with full automatic laser gauge function.
2. According to measured date, by program computing, it automatically give feedback and control base coat roller speed to realize enamel coat automatic control.