

# GLOBAL GREENS

Current Sales Office  
当前销售公司 (4)

Wakefield, UK  
Shanghai, China  
Jing Jiang, China  
Singapore  
Chennai, India

Third-party agent/distributor  
第三方代理/分销商 (14)

Paris, France  
Espoo, Finland  
Hellerup, Denmark  
Gdansk, Poland  
Piraeus, Greece  
Tranby, Norway  
Hamburg, Germany  
Bizkaia, Spain  
Milano, Italy  
Trieste, Italy  
Ontario, Canada  
Florida, US  
Veracruz, Ver, Mexico  
Chiba, Japan

Planned Sales Office  
计划发展销售公司 (2)

San Paulo, Brazil  
Atlanta, US



通辽格林风电设备有限公司

Tong Liao Greens Wind Power Equipment Co., Ltd.

内蒙古自治区通辽市科尔沁区木里图工业园区(南区)  
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# GREENS

## 通辽格林风电设备有限公司

TONG LIAO GREENS WIND POWER EQUIPMENT CO., LTD.

GREENS THE WORLD

[www.greensholdings.com](http://www.greensholdings.com)

## A 关于通辽格菱风电设备 About Tongliao Greens Wind Power Equipment

通辽格林风电设备有限公司(通辽格林风电设备), 是格菱控股集团全资子公司, 也是格菱控股的风力发电机塔筒及相应配套设施的生产基地。

格菱控股集团公司拥有先进的生产设备和雄厚的技术开发能力, 开发出了具有国内外先进水平的风机塔筒加工工艺, 为满足通辽风电市场对塔筒的需求, 降低生产成本, 减少运输费用, 格菱控股集团在内蒙古通辽市科尔沁区投资成立了通辽格林风电设备有限公司, 注册资本人民币6,000万元, 工厂总面积为135,880平方米, 拥有28,800平方米的双层生产车间, 年产1.5MW~2.5MW风机塔筒300台套, 公司将根据发展需要, 扩大到600台套的产能。

Tongliao Greens Wind Power Equipment Co., Ltd. (TLGL) is fully owned by Greens Holdings Ltd. (GHL). TLGL is the Group's Wind Turbine Tower Production Factory. GHL has successfully developed the world leading processing technology of wind turbine tower relies on its advanced production equipment and sophisticated technology development capability. In order to meet the Tongliao's local market demands of wind turbine tower and reduce the production and transportation costs, GHL has invested and established TLGL in Tongliao within Inner Mongolia Autonomous Region of PRC with the registered capital of RMB 60 million. TLGL has a total area of 135,880 m<sup>2</sup> factory and a 28,800 m<sup>2</sup> two-storey workshop. It will offer an annual production capacity of 300 wind turbine towers for 1.5MW to 2.5MW wind turbine generators that will be enhanced to 600 according to the market demands.



## 塔筒制造加工

### Manufacture of Wind Turbine Tower

#### 1 原材料检验 Material Receiving



#### 2 下料、坡口加工 Material Cutting & Grooving



#### 3 卷筒 Shell Rolling



#### 回圆 Roundness Calibrating



#### 4 筒体立式组对 Vertical Shell Section Assembling & Tack Welding



## 塔筒制造加工

### Manufacture of Wind Turbine Tower

#### 5 焊接 Welding

##### 法兰环缝组对 Welding of Flange & Shell Section



##### 纵、环缝焊接 Longitudinal & Circular Seam Welding



##### 纵缝焊接 Longitudinal Seam Welding



##### 环缝焊接 Circular Seam Welding

#### 6 检验 & 检测 Inspection & Testing

##### 超声波检测 Ultrasonic Testing



##### 磁粉检测 Magnetic Particle Testing



#### 漆膜厚度检测 Dry Film Thickness Testing



#### 气密性试验 Leak Testing



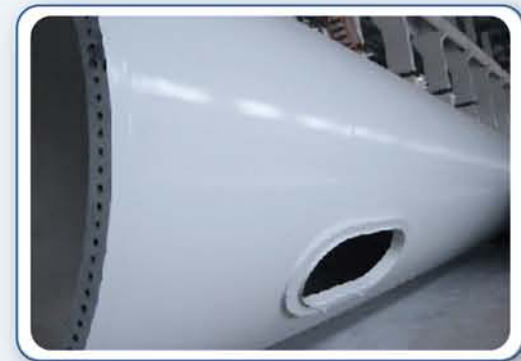
#### 100%尺寸检测 100% Dimensional Inspection & Visual Testing



#### 7 表面处理 Surface Treatment



#### 喷漆 Painting



# 塔筒制造加工

## Manufacture of Wind Turbine Tower

### 8 内饰件装配 Internal Mounting



### 9 产品发运 Transportation



# 格菱集团

## GREENS Group

# GREENS

