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**江苏奥普威特重工有限公司**  
Jiangsu Aupwit Industrial Co., Ltd.

# Y81PTZ全自动废料打包机

## Y81PTZ Automatic Scrap Baler

Y81PTZ生产线是快速，稳定，效率高的全自动废钢打包机生产线。24小时连续运转，无人化操作。最快效率3块/min，可配有自动物料检测，防物料溢出检测，压力启动功能，管路漏油检测功能。油温自动检测，自动温控冷却，采用自动冷却系统及自动加热系统，实现智能温控功能。

The Y81PTZ production line is a fast, stable and efficient fully automatic scrap steel baler production line. 24 hours continuous operation, the fastest efficiency is 3 pieces/min, and it can realize unmanned operation. It can be equipped with automatic material detection, material overflow prevention detection, pressure start function, and pipeline oil leakage detection function. Automatic oil temperature detection, automatic temperature control cooling, automatic cooling system and automatic heating system are used to realize intelligent temperature control function.



| 型号Model       | 料箱尺寸Box size     | 包块尺寸Bale size | 电机Motor  | 油泵Oil pump |
|---------------|------------------|---------------|----------|------------|
| Y81PTZ-100-22 | 1000x750x2000mm  | 220x220mm     | 22KW-4   | HY100      |
| Y81PTZ-100-25 | 1500x750x2000mm  | 250x250mm     | 22KW-4   | HY100      |
| Y81PTZ-100-30 | 1500x750x2000mm  | 300x300mm     | 22KW-4   | HY100      |
| Y81PTZ-100-40 | 1600x1000x2000mm | 400x400mm     | 30KW-4   | HY160      |
| Y81PTZ-125-22 | 1000x750x2000mm  | 220x220mm     | 22KW-4   | HY100      |
| Y81PTZ-125-25 | 1500x750x2000mm  | 250x250mm     | 22KW-4   | HY100      |
| Y81PTZ-125-30 | 1500x750x2000mm  | 300x300mm     | 22KW-4   | HY100      |
| Y81PTZ-125-40 | 1600x1000x2000mm | 400x400mm     | 30KW-4   | HY160      |
| Y81PTZ-160-25 | 1000x750x2000mm  | 250x250mm     | 22KW-4   | HY100      |
| Y81PTZ-160-30 | 1500x750x2000mm  | 300x300mm     | 30KW-4   | HY160      |
| Y81PTZ-160-40 | 1600x1000x2000mm | 400x400mm     | 2*22KW-4 | 2*HY100    |
| Y81PTZ-160-45 | 1800x1200x2000mm | 450x450mm     | 2*30KW-4 | 2*HY160    |
| Y81PTZ-200-25 | 1000x750x2000mm  | 250x250mm     | 30KW-4   | HY160      |
| Y81PTZ-200-30 | 1500x750x2000mm  | 300x300mm     | 37KW-4   | HY180      |
| Y81PTZ-200-40 | 1600x1000x2000mm | 400x400mm     | 2*22KW-4 | 2*HY100    |
| Y81PTZ-200-45 | 1800x1200x2000mm | 450x450mm     | 2*30KW-4 | 2*HY160    |
| Y81PTZ-250-25 | 1000x750x2000mm  | 250x250mm     | 37KW-4   | HY180      |
| Y81PTZ-250-30 | 1500x750x2000mm  | 300x300mm     | 2*22KW-4 | 2*HY100    |
| Y81PTZ-250-40 | 1600x1000x2000mm | 400x400mm     | 2*30KW-4 | 2*HY160    |
| Y81PTZ-250-45 | 1800x1200x2000mm | 450x450mm     | 2*37KW-4 | 2*HY180    |
| Y81PTZ-315-40 | 1800x1200x2000mm | 400x400mm     | 2*30KW-4 | 2*HY160    |
| Y81PTZ-315-45 | 2000x1400x2000mm | 450x450mm     | 2*37KW-4 | 2*HY180    |
| Y81PTZ-400-50 | 1800x1200x2000mm | 500x500mm     | 4*37KW-4 | 2*HY180    |
| Y81PTZ-400-40 | 2000x1400x2000mm | 400x400mm     | 2*90KW-4 | 4*HY250    |
| Y81PTZ-500-40 | 2200x1400x2000mm | 400x400mm     | 3*55KW-4 | 6*HY160    |
| Y81PTZ-800-30 | 1200x1000x2000mm | 300x300mm     | 4*90KW-4 | 8*HY250    |

## 废料包块展示 Scrap Bale Display



铝屑 Aluminum chips



铝罐 Aluminum cans



铜屑 Copper chips



黄铜屑 Brass chips



不锈钢屑 Stainless steel chips



钢屑 Steel chips



铝型材 Aluminum profiles



铝板边角料 Aluminum sheet scraps



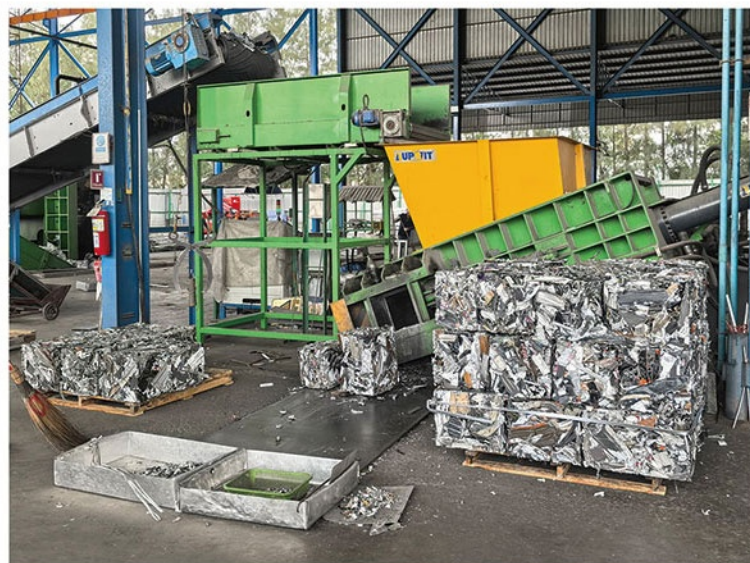
汽车冲压件 Automobile stamping parts



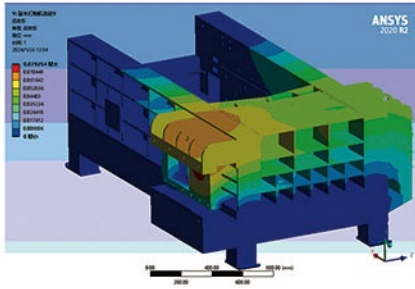
轴承钢着屑 Bearing steel chipping



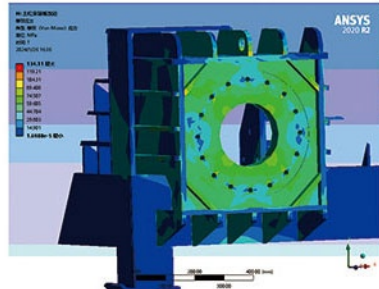
## 机器展示 Machine Display



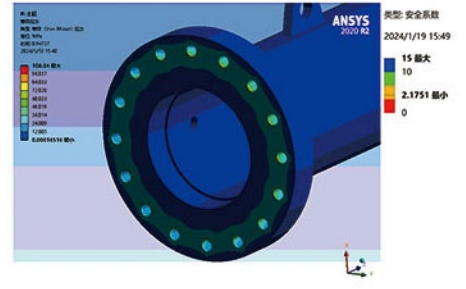
# 应力分析 Stress Analysis



打包机静力学仿真分析结果  
Static simulation analysis results of baler

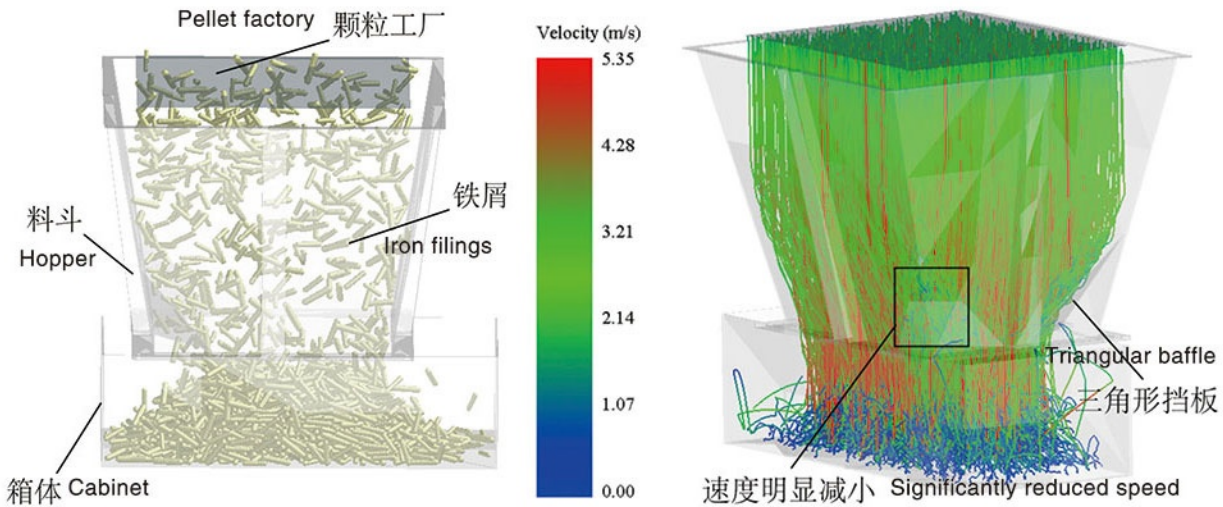


主缸安装板静力学分析  
Static analysis of main bar mounting plate

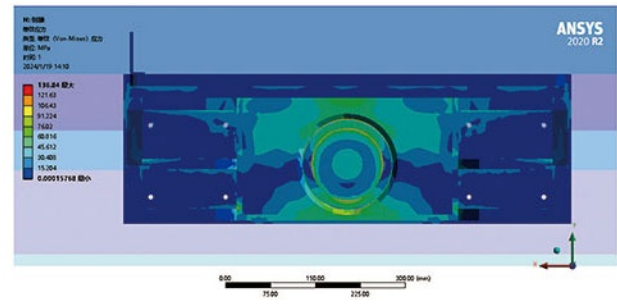
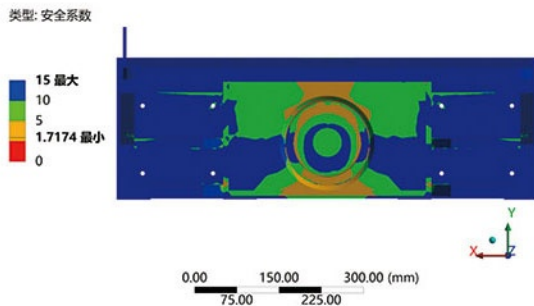


主缸静力学仿真分析  
Master cylinder static simulation analysis

## 打包机离散元仿真 Discrete element simulation of baler



## 侧推静力学仿真分析 Side thrust static simulation analysis



## 加工流程 Processing Flow



## 产品优势 Product Advantages



德国西门子电机  
Siemens motor from Germany



美国SUN节流阀  
American SUN throttle valve



德国西门子触摸屏  
Siemens touch screen



美国PARKER油泵  
American PARKER oil pump



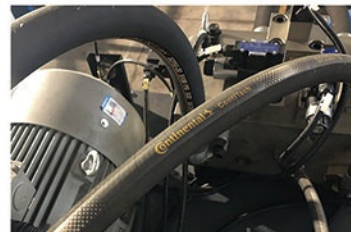
台湾7OCEAN液压阀  
Taiwan 7OCEAN hydraulic valve



美国马拉松马达  
American Marathon Motor



韩国Autnics温度传感器、显示器  
South Korea Autnics temperature sensor, display



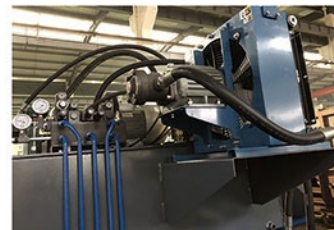
德国马牌高压管  
Continental High Pressure Pipe



瑞典HARDOX耐磨板  
Sweden HARDOX500 wear plate



比利时Quard耐磨钢板  
Belgian Quard wear-resistant steel plate



空气冷却器或水冷却器  
Air cooler or water cooler



德国Wiebrock电接点压力表  
German Wiebrock electric contact pressure gauge

## 油缸内部结构 Internal structure of the hydraulic cylinder



## 优秀焊接展示 Excellent welding display



## 软管加工工艺 Hose processing technology



## 电气系统展示 Electrical System Showcase



## 冷却系统展示 Cooling System Demonstration



## 油缸加工工艺 Oil cylinder processing technology



缸筒锻打件 Cylinder forging

高频淬火热处理 High frequency quenching heat treatment



热处理后检测 Inspection after heat treatment

处理后成品 Finished product

## 液压系统 Hydraulic System



客户成功案例 Customer success stories



品牌配置 Brand Configuration

