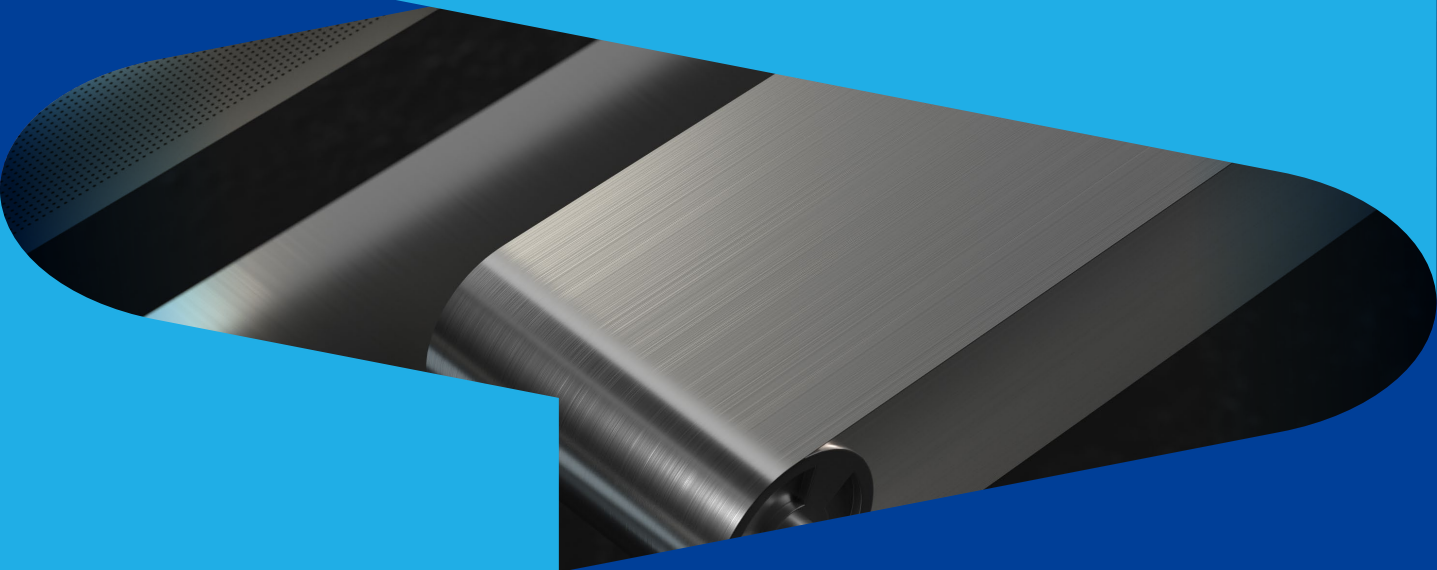




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# CHEMICAL INDUSTRY

化工行业



## 造粒机、结片机 专用钢带

### *Steel Belts for Pastillator and Flaker*

铭客钢带广泛应用于化工造粒及结片冷却系统。

Mingke Belts are widely applied to chemical flaking and pastillation cooling systems.

#### 钢带型号

*Steel Belt Model*

**AT** AT1200

**AT** AT1000

**DT** DT980

**MT** MT1050

#### 钢带尺寸

*Dimension of Steel Belt*

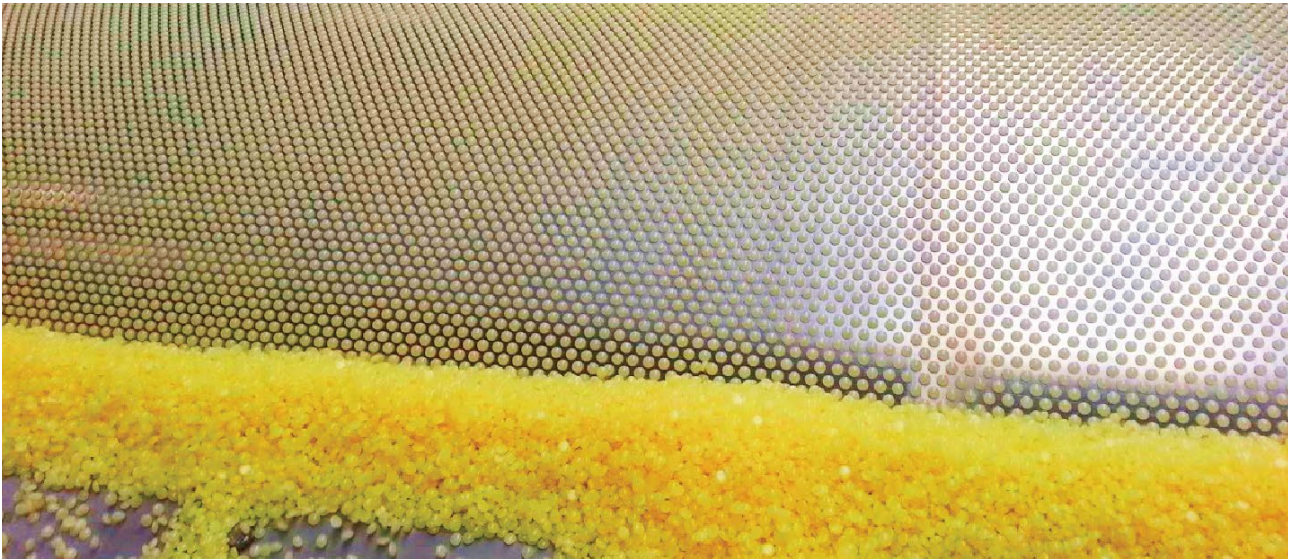
- 长度 Length- ≤150 m/pc
- 宽度 Width- 600-3000 mm
- 厚度 Thickness- 0.5/0.8/1.0/1.2 mm

# 化工造粒机

## Chemical Pastillation Machine

钢带式冷凝造粒机属于熔融造粒工艺,它是将上游工序热融态物料通过本机布料器均布在其下方匀速移动的钢带上,钢带下方设置有连续喷淋、冷却装置,迫使钢带上的物料在移动过程中得以迅速的冷却、固化,从而达到造粒的目的。

Steel belt cooling pastillator, by the distributor, makes the fusing materials from the upstream process drop evenly on the steel belt moving a constant speed underneath. There is a water return device under the steel belt which can spray cooling water to cool and solidify the fusing material during the course the material is moving, achieving the aim of granulation.



### 造粒机应用

#### Applications of Pastillator

- 硫磺 Sulphur
- 树脂 Resin
- 顺酐 Maleic Anhydride
- 其他 Others
- 石蜡 Paraffin
- 沥青 Asphalt
- 热熔胶 Hot Melt Glue

### 设备主要参数

#### Main Parameters

型号 Model	钢带宽度 Belt width (mm)	产能 Capacity (Kg/h)	功率 Power (Kw)	长度 Length (m)	重量 Weight (Kg)
MKZL-600	600	100-400	6	18	2000
MKZL-1000	1000	200-800	10	18	4500
MKZL-1200	1200	300-1000	10	18	5500
MKZL-1500	1500	500-1200	10	18	7000
MKZL-2000	2000	700-1500	15	20	10000

# 化工结片机

## Chemical Flaking Machine

**单钢带结片机工作原理:** 将熔融状态的物料经伴热管道进入布料装置, 并不断的从布料器中溢出, 均匀分布在运动的钢带上表面, 物料在钢带上形成薄层并受到钢带背面的冷却水均匀冷却, 利用钢带自身优良的热传递特性, 促使熔融物料在移动过程中固化成固体物料片。固化后的产品被下料刮刀从钢带上刮下, 然后由破碎机破碎到设定的尺寸。

**Single Steel Belt Flaker working principle:** The molten material enters the distribution device through the heat tracing pipe and continuously overflows onto the upper side of the running steel belt from the distributor. With the excellent heat transfer characteristics of the steel belt, the material forms a thin layer on the steel belt and being cooled down and turns into solid flake by water sprayed onto the back side of the belt. The cooled flake is scratched down from the steel belt by a scraper and then crushed by crusher into set sizes.

**双钢带结片机工作原理:** 熔融状态的物料经伴热管道进入布料装置, 并不断的从布料器中溢出, 均匀地进入到两层钢带之间。物料在上下两层钢带间受到冷却水的均匀冷却, 用钢带自身优良的热传递特性, 使熔融物料在移动过程中固化成固体物料片。固化后的产品被下料刮刀从钢带上刮下, 然后由破碎机破碎到设定的尺寸。

**Double Steel Belt Flaker working principle:** The molten material enters the distribution device through the heat tracing pipe and continuously overflows into the gap between upper and lower steel belts from the distributor. With the excellent heat transfer characteristics of the steel belts, the material is cooled down and turns into solid flake by water sprayed onto the back sides of the belts. The cooled flake is scratched down from the steel belt by a scraper and then crushed by crusher into set sizes.

### 结片机应用

#### Applications of Flaker

- 硫磺 Sulphur
- 树脂 Resin
- 氯乙酸 Chloracetic acid
- 石蜡 Paraffin
- 沥青 Asphalt
- 其他 Others

### 设备主要参数

#### Main Parameters

型号 Model	钢带宽度 Belt width (mm)	总功率 Power (Kw)	产能 Capacity (Kg/h)
MKJP-800	800	4-6	200-500
MKJP-1000	1000	8-10	500-800
MKJP-1200	1200	10-12	800-1100
MKJP-1500	1500	12-15	1100-1400
MKJP-2000	2000	15-18	1400-1600

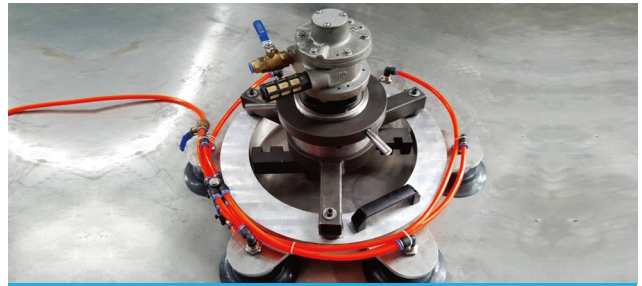


# 钢带服务

## Steel Belt Services



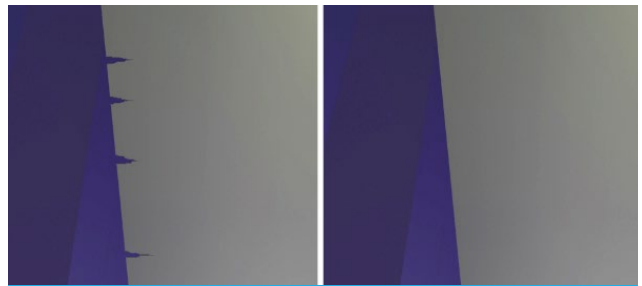
横向焊接 Cross welding



快速补挖 Disc patching



粘贴 V 形胶条 V-rope bonding



裂纹修复 Crack repairing

### 铭客钢带型号及主要性能参数

#### Steel Belt Model & Main Specifications

钢材类型 Type of steel	奥氏体不锈钢钢带 Austenitic stainless steel		超强耐腐蚀不锈钢钢带 Super corrosion resistant stainless steel	马氏体不锈钢钢带 Martensitic stainless steel
型号 Model	AT1200	AT1000	DT980	MT1050
指标 Index				
抗拉强度 (Mpa) Tensile strength (Mpa)	1200	1000	980	1150
屈服强度 (Mpa) Yield strength (Mpa)	980	780	790	1100
疲劳强度 (Mpa) <sup>(1)</sup> Fatigue strength (Mpa)	±470	±400	±380	±500
硬度 (HV <sub>5</sub> ) Hardness (HV <sub>5</sub> )	360	320	306	380
延伸率 % Elongation %	25	10	10	7
焊接系数 Welding factor	0.70	0.70	0.65	0.95

<sup>(1)</sup> 测试样品的 50% 可以承受 2,000,000 次负荷循环。

<sup>(2)</sup> 50% of the test specimen withstand a minimum of 2\*10<sup>6</sup> load cycles.

\* 本资料中数据虽具代表性但并不受到绝对保证。数据亦会因所用材料不同而改变。

\* The information and data presented in this data sheet are typical values, but not guaranteed. The information may be subjected to changes in material, properties and/or performance.



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