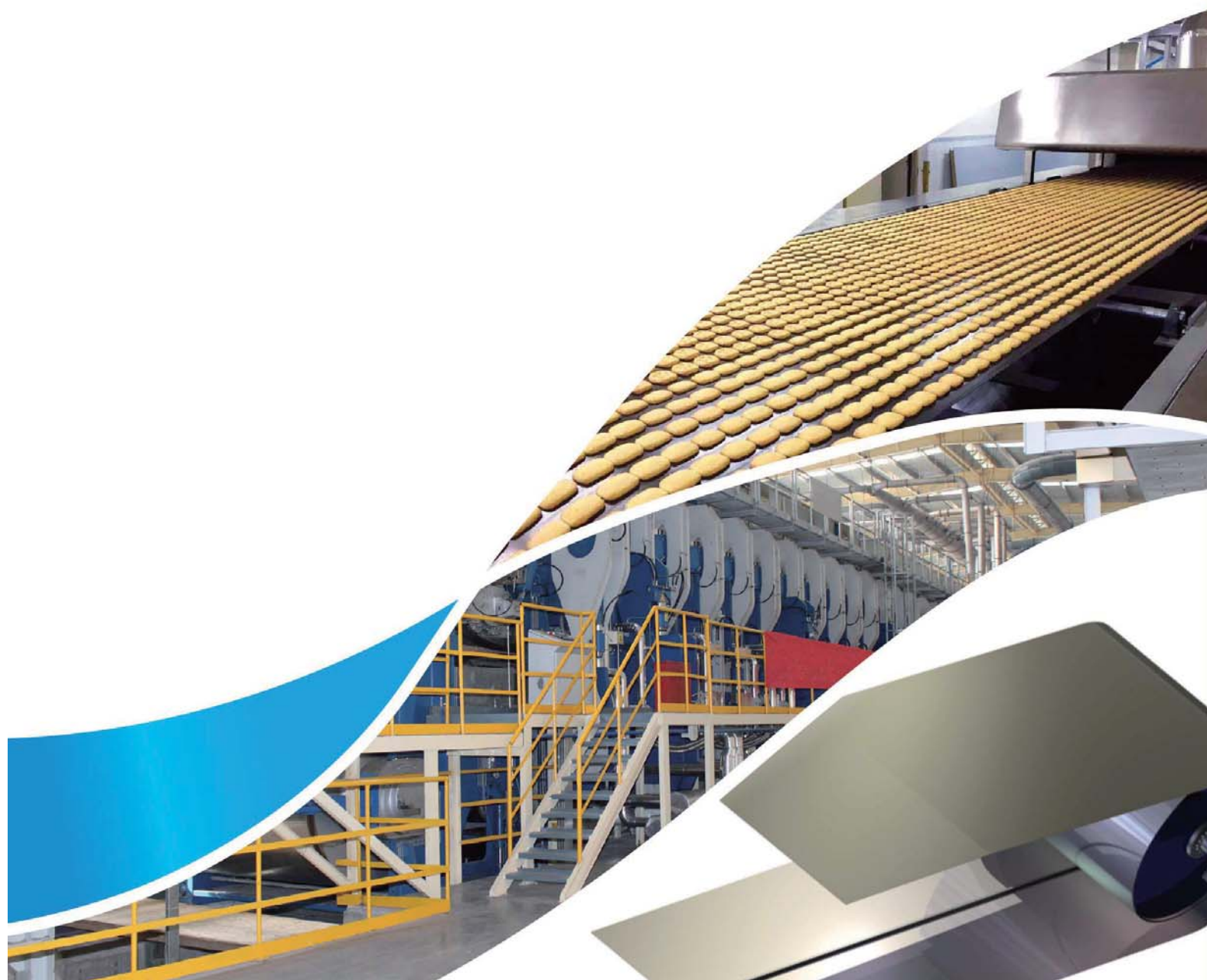




上海铭客传动系统有限公司

Shanghai Mingke Process Systems Co.,Ltd.





上海铭客传动系统有限公司，是一家专业生产供应高强度钢带及钢带设备的公司。

铭客钢带集成进口优质钢材原料和欧洲顶尖钢带技术和工艺。我们的钢带适用于多种行业，如：人造板行业（平压、辊压、单层压机生产线），化工行业（钢带结片机和造粒机），橡胶行业（鼓式硫化机），食品行业（隧道烤炉，单板冷冻机，食品干燥机、肉类运输及巧克力生产线等），薄膜流延行业（超镜面钢带），传送带行业（输送和分拣系统），造纸业及人造大理石行业等。

我们的钢带服务包含整平、热处理、纵拼、横焊、砂光、修边、裂纹修补、收鼓包、快速挖补、喷丸、V-胶条粘接、冲孔等。

铭客钢带设备有：静等压式双钢带压机，钢带造粒机及钢带结片机。铭客独立研发并生产的双钢带压机是国内第一台静等压式双钢带压机。

我们不仅生产钢带，而且输出匠人精神！

Shanghai Mingke Process Systems Co.,Ltd. is specialized in manufacturing & supplying high strength Steel Belts & Steel Belt Equipments.

Mingke steel belts consist of imported top quality steel material in combination with European belt technology and knowhow. Our steel belts are applicable for various industries, such as: Wood Based Panel Industry (double belt press, Mende press & single opening press lines), Chemical Industry (flaker & pastillator), Rubber Industry (drum vulcanizer - Rotocure), Food Industry (bakery oven, IQF, food drier, meat conveyor & chocolate production lines), Film Casting Industry (super polished mirror steel belt), Conveyor & Sorter Systems, Papermaking Industry and Artificial Marble Industry, etc.

Our steel belt services contain Belt Levelling, Heat Treatment, Longitudinal Welding, Cross Welding, Grinding & Polishing, Edge Trimming, Crack/Bump/Dent Repairing, Disc Patching, Shot Peening, V-rope Bonding, Perforating, etc.

The steel belt equipments Mingke can supply include: static isobaric type Double Belt Press, Chemical Pastillator and Flaker. Mingke independently R&D manufactured Double Belt Press is the first set of static isobaric type Double Belt Press made by China.

We Not Only Produce Steel Belts, But Also Deliver Artisan Spirit!

Steel Belts for Double Belt Press**平压线专用钢带**

人造板平压线采用双钢带压机系统，是上下双钢带连续作业的钢带系统。木工行业用钢带，对其要求比一般行业要高。需要更高的抗拉强度、硬度及韧性，更好的表面光滑和导热性。并且，表面必须均匀、厚度公差小，同时也有非常高的直线度和平整度要求。

Wood based panels flat pressing production line adopts double belt press systems, it works by upper and lower steel belts' continuous operation. Steel belt for Woodworking industry requires higher than other industries. It requires higher tensile strength, hardness and better surface toughness and thermal conductivity. Furthermore, the surface must be uniform and the thickness tolerance must be small, and also the straightness and flatness must be high.

平压线应用范围 Application Scope of the Press:

- 中密度纤维板 Middle Density Fiberboard (MDF)
- 高密度纤维板 High Density Fiberboard (HDF)
- 刨花板 Particle Board (PB)
- 定向刨花板 Oriented Structural Board (OSB)
- 单板层积材 Laminated Veneer Lumber (LVL)
- 其他 Etc.

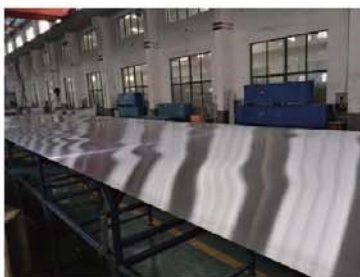
推荐使用钢带型号 Recommended Steel Belt Model:

- MT1650

钢带供货范围 Supply Scope of Steel Belts:

- Length - ≤ 150 m/pc
- Width - 1400~3100 mm
- Thickness - 2.3 / 2.7 / 3.0 / 3.5 mm



Steel Belts for Mende Press**辊压线专用钢带**

人造板辊压线采用门德压机，该压机作用在钢带上的应力极大，因钢带要经受交替的弯曲应力和热应力。在钢带每一次循环中要弯曲6次，并被加热及冷却。钢带必须维持高张紧力，以便对压制的板材施加高压。

Steel belt for Mende press bears extremely high stresses, because the belts bears continuous bending stress and thermal stress. The belt is bended 6 times for each running cycle, meanwhile it's heated and cooled. The belt must be highly tensioned to exert high pressure onto wood panels.

门德压机适用范围 Application of Mende Press:

- 薄的中密度板 Middle Density Fiberboard (MDF, 1~8mm)

推荐使用钢带型号 Recommended Steel Belt Model:

- MT1650

钢带供货范围 Supply Scope of Steel Belts:

- Length - ≤ 150 m/pc
- Width - 1400~3100 mm
- Thickness - 1.8 / 2.0 mm



人造板行业 Wood Based Panel Industry



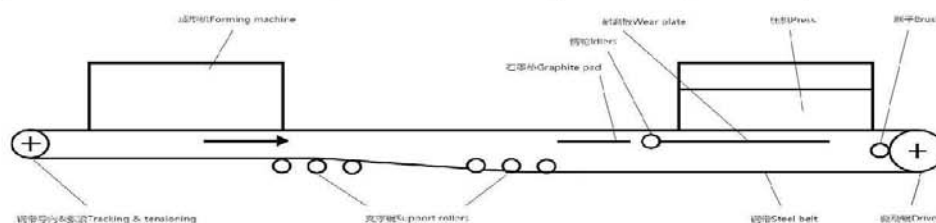
Steel Belts for Single Opening Press

单层压机专用钢带



单层压机，始于20世纪60年代，主要用于生产刨花板。

Single Opening Press was born in 1960s, and it was mainly used to produce particle boards.



单层压机示意图 Diagram of Single Opening Press

单层压机由一条循环的钢带和一台较长的单层压机组成，钢带载着板坯逐进式地通过压机，然后挤压成型，是一种间歇式压板工艺。由于在制造薄板方面低下的生产效率等，单层压机很快于上世纪80年代开始，逐步被连续式压机取代。但迄今为止，世界上仍有一些单层压机还在运转。

Single Opening Press consists of a piece of cyclic steel belt and a set of long single press. The belt carries the mat and stepwise through the press for molding. It's a kind of stepwise cycle pressing technology. It gets starting to be replaced by continuous presses since 1980s, due to its low working efficiency on producing thin boards. But there are still some single opening presses working all around the world so far.

与双钢带压机采用不锈钢钢带不同，单钢带开放式压机，主要采用经过硬化回火后的碳钢钢带。

Different from double belt presses adopt stainless steel belts, the single opening presses adopts carbon steel belt which is hardened and tempered.

单层压机适用范围 Application of Single Opening Press:

- 刨花板 Particle Board (PB)

推荐使用钢带型号 Recommended Steel Belt Model:


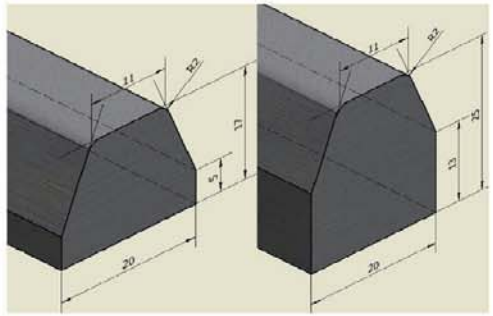

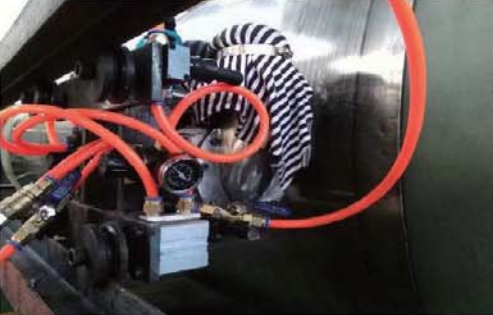
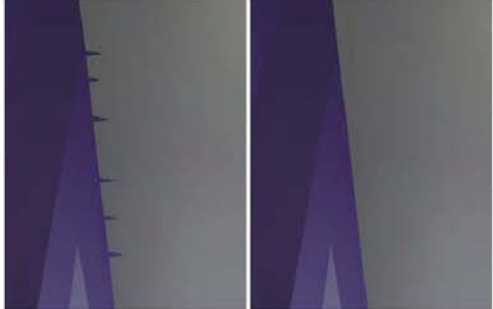
- CT1320 / CT1100

钢带供货范围 Supply Scope of Steel Belts:

- Length - ≤ 150 m/pc
- Width - 1400~3100 mm
- Thickness - 1.2 / 1.4 / 1.5 mm



Steel Belt Services
钢带服务

➤	<p>横向焊接</p> <p>Cross welding</p>	
➤	<p>粘贴 V 形胶条</p> <p>V-rope bonding</p>	
➤	<p>快速挖补</p> <p>Disc patching</p>	
➤	<p>喷丸</p> <p>Shot peening</p>	
➤	<p>裂纹修复</p> <p>Crack repairing</p>	

钢带参数表

Datasheet of Steel Belts



材料 Material	AT1200	AT1000	DT980	MT1050	MT1650	MT1500	CT1100	CT1320
抗拉强度 Tensile strength RT N/mm ²	1200	1000	980	1150	1600	1450	1100	1250
0.2%补偿屈服强度 0.2% yield offset strength RT N/mm ²	980	780	790	1100	1550	1420	900	1100
硬度 洛氏 Rockwell, HRC	37.0	32.0	30.5	39.0	48.5	46.0	36.0	39.0
Hardness 维氏 Vickers, HV10	360	320	306	380	490	460	350	380
伸长率 50mm								
Elongation 50mm %	25	18	20	8	4	7	7	7
焊接系数 Welding factor	0.70	0.70	0.70	0.98	0.85	0.80	0.70	0.80
在回转弯曲应力下的疲劳强度 ¹⁾ Fatigue strength under reversed bending stress ¹⁾ RT N/mm ²	±470	±400	±380	±500	±630	±580	±430	±460
弹性模量 20°C N/mm ²	200.000	200.000	200.000	200.000	200.000	200.000	210.000	205.000
Modulus in elasticity 200°C N/mm ²	180.000	180.000	180.000	-	-	-	-	-
密度 Density Kg/dm ³	7.90	7.95	7.95	7.74	7.74	7.80	7.85	7.82
平均热量 Mean thermal								
膨胀系数 Expansion coefficient								
20-100°C 10 ⁻⁶ /m/m°C	16.0	16.5	10.8	10.9	10.9	10.8	11.1	11.8
20-200°C 10 ⁻⁶ /m/m°C	17.0	17.5	11.2	11.5	11.5	10.8	11.9	12.4
20-300°C 10 ⁻⁶ /m/m°C	-	-	11.7	11.7	11.7	11.3	12.5	12.6
20-400°C 10 ⁻⁶ /m/m°C	-	-	-	-	-	-	12.9	-
比热 Specific heat J/g°C	0.50	0.50	0.46	0.50	0.50	0.42	0.46	0.46
导热系数 Thermal conductivity 20°C W/m°C	15	15	21	16	16	16	46	38
电阻率								
Electrical resistivity 20°C Ohm mm/m ²	0.73	0.75	0.60	0.80	0.80	0.77	0.13	0.20
最高容许工作温度 Max. permissible °C	250	250	350	350	350	300	400	250
Operation temp. F°	480	480	660	660	660	572	750	480
最高容许工作温度时抗拉强度 Tensile strength at max. permissible operation temp. N/mm ²	940	870	970	900	1250	1160	850	1100
最高容许工作温度时0.2%补偿屈服强度 0.2% yield offset strength at max. permissible operation temp. N/mm ²	770	770	930	830	1180	1130	720	1050

¹⁾ 测试样品的50%可以承受2,000,000次负荷循环, 50% of the test specimen withstand a minimum of 2*10⁶ load cycles.

* 本资料中数据虽具代表性但并不受绝对保证, 数据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.



我们不仅生产钢带，而且输出匠人精神！

We Not Only Produce Steel Belts, But Also Deliver Artisan Spirit!

上海铭客传动系统有限公司

* 工厂 | 南京铭客传动系统有限公司

地址：中国江苏省南京市高淳经济开发区双高路81号

* 办公室 | 上海

地址：中国上海市奉贤区南桥镇百秀路399号中企联合大厦802室

电话：+86 17301601676

邮箱：sales@mingkebelt.com

网址：www.mingkebelt.com

Shanghai Mingke Process Systems Co.,Ltd.

* Factory | Nanjing Mingke Process Systems Co.,Ltd.

Add : No. 81 Shuanggao Rd., Gaochun Economic Development Zone,
Nanjing City, Jiangsu Prov., China 211316

* Office | Shanghai

Add : Room 802, Building China Enterprise Joint, No. 399 Baixiu Rd.,
Nanqiao Town, Fengxian Dist., Shanghai 201499, China

Tel : +86 17301601676

Email : sales@mingkebelt.com

Web : www.mingkebelt.com

