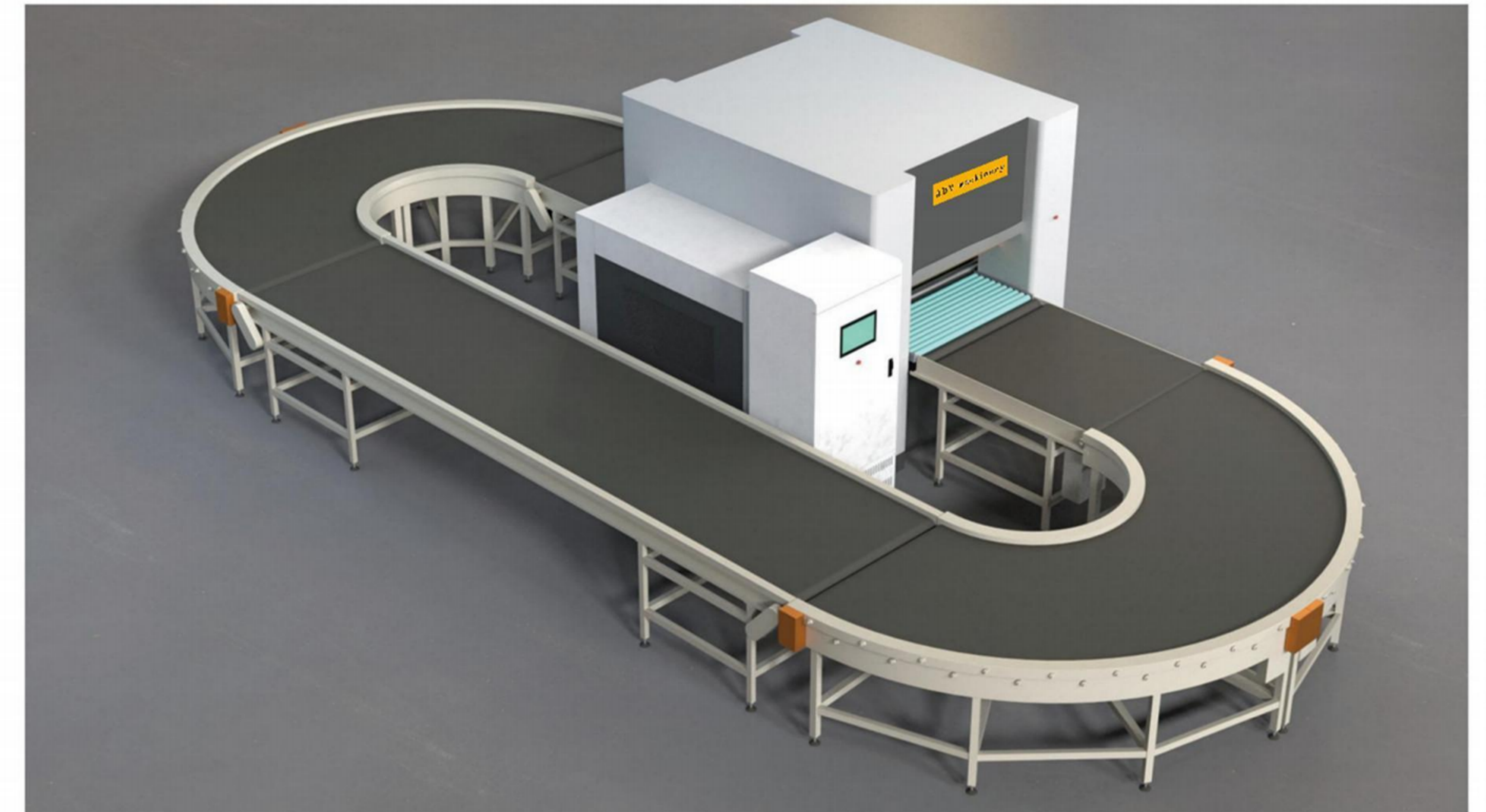


ANHUI ADVANCED GRINDING TOOLS CO., LTD.  
安徽欧皖斯特机械进出口有限责任公司



标准型  
Standard type

## 液压式精密矫平机

# Hydraulic Precision Leveler

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精密矫平设备  
Precision leveling equipment

# 公司介绍

## About the company

Anhui Advanced Grinding Tools Company has been adhering to the concept of excellent quality and reasonable price. We are committed to optimize the supply chain, strictly control the quality, supervise the production and debugging process of machines, and ensure the delivery of high-quality products to customers. In addition, we have experienced sales and service personnel to provide customers with high-quality pre-sale, after-sales and technical support services. The company actively explore foreign markets, advocate the business philosophy of integrity management, promote the development of customers is our driving force. Our products are exported to Europe, America and Southeast Asia.



安徽欧皖斯特机械进出口有限责任公司一直秉承品质卓越、价格合理理念。我们致力于优化供应链，严把质量关，监督机器的生产和调试过程，确保向客户交付高质量的产品。此外，我们拥有经验丰富的销售和服务人员，为客户提供高质量的售前、售后和技术支持服务。公司积极开拓国外市场，倡导诚信经营的经营理念，促进客户的发展是我们前进的动力。我司产品远销欧美及东南亚地区。

## 工厂合作伙伴

### Factory partner



## 精密矫平机的优点 Advantages of Precision Leveler

- 精密矫平是金属板材通过具有数量众多交错布置的矫平辊以实现多次反复弯曲，压弯量可以调整，能实现矫平所需要的压弯方案，所以不损伤金属板材外观。
- 金属板材经多次反复弯曲后，金属纤维长度逐渐趋于一致，材料内部应力同时得到消除，金属板材自然就被矫平了。
- 许多用户为了达到平面度而采用切削的方法，采用精密矫平节省了材料。
- 精密矫平由于采用连续反复弯曲技术，使矫平效率成倍提高，进入连续生产线，节省了人力成本和摆脱对传统矫平经验的技术依赖。
- Precision leveling can repeatedly bend sheet metals by use of many overlapped leveling rollers. The intermesh is adjustable, which can help implement the bending program required by leveling and will not damage the appearance of sheet metals.
- The lengths of metal fibers are becoming more and more consistent and the inner stress of material is removed at the same time after the sheet metals are bent repeatedly. In such a case the sheet metals are naturally leveled.
- Many users use the cutting method to achieve the flatness while adopt precision leveling to reduce material consumption.
- Precision Leveling can reduce human cost and help get rid of the technical dependence on traditional leveling experience because the use of continuous and repeated bending technology multiplies leveling efficiency and uses it in the production line.

平行多辊

Parallel Multi-roller

液压锁紧

Hydraulic Lock

密集支撑

Intensive Support

触摸屏

HMI Screen



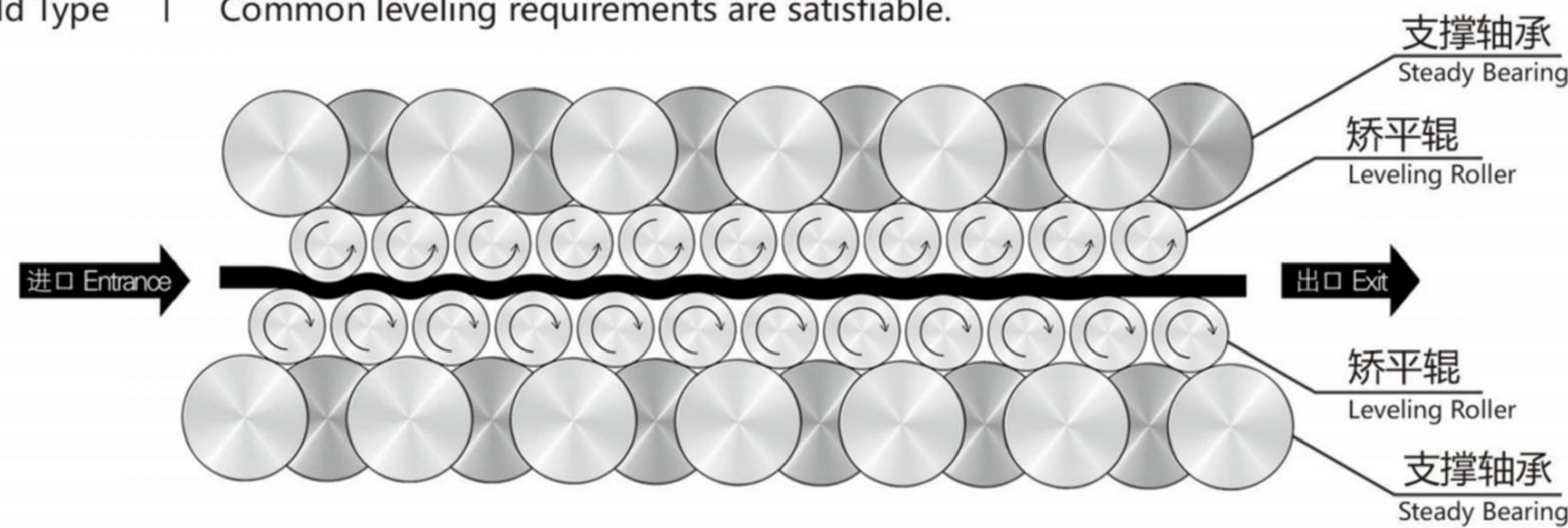
直线度和平面度的未注公差值 ( GB/T1184-1996) mm  
 Unspecified Tolerance between Straightness and Flatness (GB/T1184-1996)

公差等级 Tolerance Grade	基本长度范围 Basic Length Range				最大矫平能力 : Nm $Wx = \delta s \cdot b_{max} \cdot h^2_{max}$ = 屈服强度 × 最大宽度 × 最大板厚 <sup>2</sup>
	> 30 ~ 100	> 100 ~ 300	> 300 ~ 1000	> 1000 ~ 3000	
H	0.1	0.2	0.3	0.4	
K	0.2	0.4	0.6	0.8	
L	0.4	0.8	1.2	1.6	
H/2	0.05	0.1	0.15	0.2	欧皖斯特可达到精度 Precisions achievable by ADV

I 矫平原理示意图 Leveling Schematic Diagram

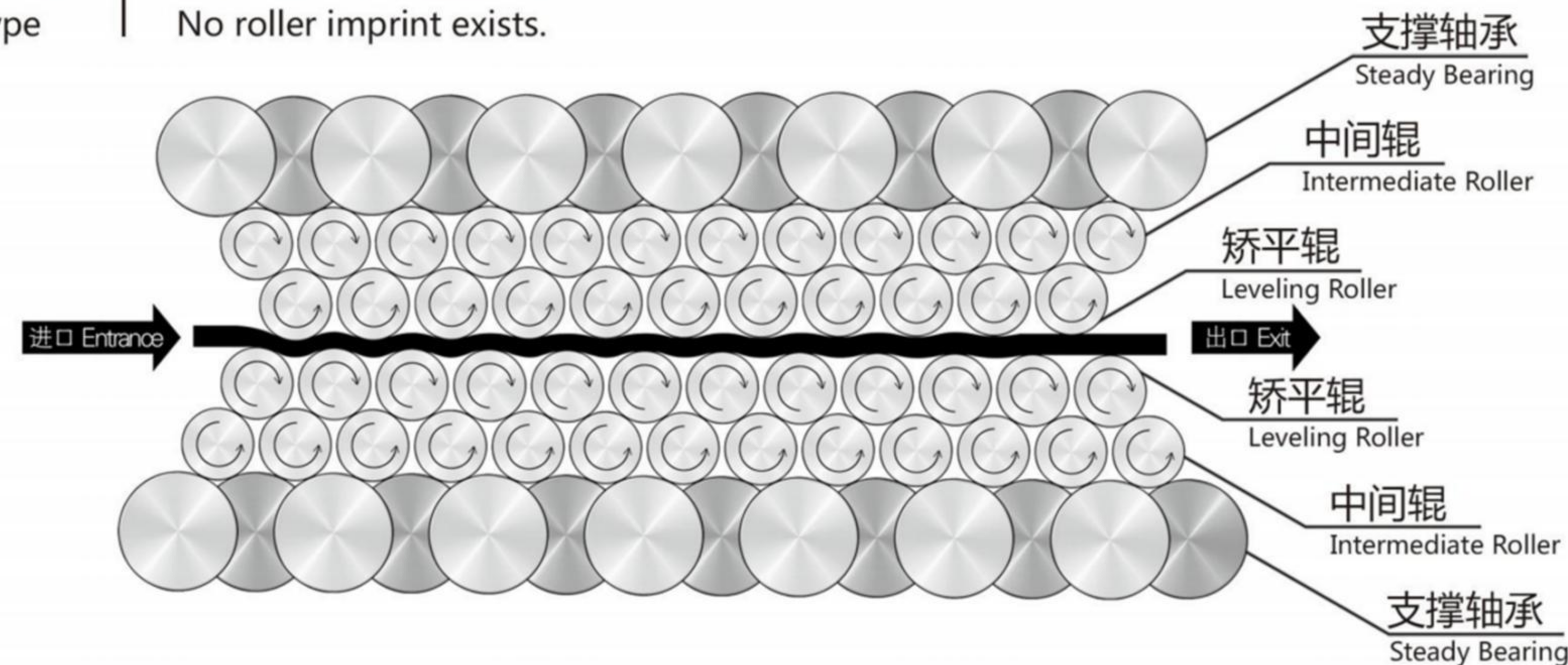
四重式  
Four-fold Type

满足一般矫平需求  
Common leveling requirements are satisfiable.



六重式  
Six-fold Type

无辊印压痕  
No roller imprint exists.



I 矫平机选型  
Leveler Selection

- 辊径 Roller Diameter | 根据材料厚度选择合适辊径  
Select the appropriate roller diameter by the material thickness.
- 门幅 Width | 根据工件大小选择门幅大小  
Select the width by the workpiece size.
- 辊数 Roller Number | 根据所需矫平精度选择辊数  
Select the roller number by the required leveling accuracy.

例：某机箱机柜生产企业，需矫平的板材厚度比较薄，1~3mm之间，宽度都在1250mm以内，材质Q235和不锈钢，推荐采用50-1300-23的机型，满足了客户矫平生产的需求。

Example: If a manufacturer of cages and cabinets needs to use the sheet metals of 1~3mm in thickness and less than 1250mm in width, whose materials are Q235 and stainless steel, it is recommended to use Model 50-1300-23 leveler to meet the client's requirements for leveling production.

I 清洁/拆装 Cleaning /Disassembly

可从右侧逐根抽出矫平辊 Withdrawable from the right side one by one



# 10系列液压式精密矫平机

10 Series Hydraulic Precision Leveler



≤0.8mm超薄料



ADV grinding  
Best Quality ADV Making!

辊径 Roller Diameter	Φ10mm
宽度 Width	160、300、500
辊数 Roller Number	31
额定板厚 Rated Plate Thickness (Q235)	0.1-0.3mm
最大板厚 Max. Plate Thickness (Q235)	0.8mm
最小长度 Least length	20mm
矫平速度 Levelled speed	0-10m/min
矫平精度 Levelled Precision (GB/T1184-1996)	H
适用对象 Applicable Object	箔材 Foil material

10系列矫平宽度范围表 ( 材质Q235/屈服强度235MPa )

Table for Levelled Width Range of 10 Series (Material Q235/Yield Strength 235MPa)

厚度\宽度 Thickness\Width	10-160-31	10-300-31	10-500-31
0.1-0.3	160	300	500
0.4	120	225	375
0.6	80	150	250
0.8	60	110	180

\* 数控调整 其它尺寸宽度、速度可订制  
\* CNC adjustment; other sizes, widths and speeds are customizable.



≤1.2mm超薄料

ADV grinding  
Best Quality ADV Making!



- 卷材  
Tape Coiling
- 平面零件  
Flat Parts
- 板料  
Sheet Metals
- 镜面板料  
Mirror Sheet Metals

16系列矫平宽度范围表 ( 材质Q235/屈服强度235MPa )

Table for Levelled Width Range of 16 Series (Material Q235/Yield Strength 235MPa)

厚度\宽度 Thickness\Width	16-160-31	16-300-31	16-500-31
0.2-0.6	160	300	500
0.8	120	225	375
1.0	96	180	300
1.2	80	150	250

\* 数控调整 其它尺寸宽度、速度可订制  
\* CNC adjustment; other sizes, widths and speeds are customizable.

辊径 Roller Diameter	Φ16mm
宽度 Width	160、300、500
辊数 Roller Number	31
额定板厚 Rated Plate Thickness (Q235)	0.2-0.6mm
最大板厚 Max. Plate Thickness (Q235)	1.2mm
最小长度 Least length	32mm
矫平速度 Levelled speed	0-10m/min
矫平精度 Levelled Precision (GB/T1184-1996)	H
适用对象 Applicable Object	卷材、板料、平面零件、镜面板料等 Tape coiling, sheet metals, flat parts, mirror sheet metals, etc.

# 25系列液压式精密矫平机

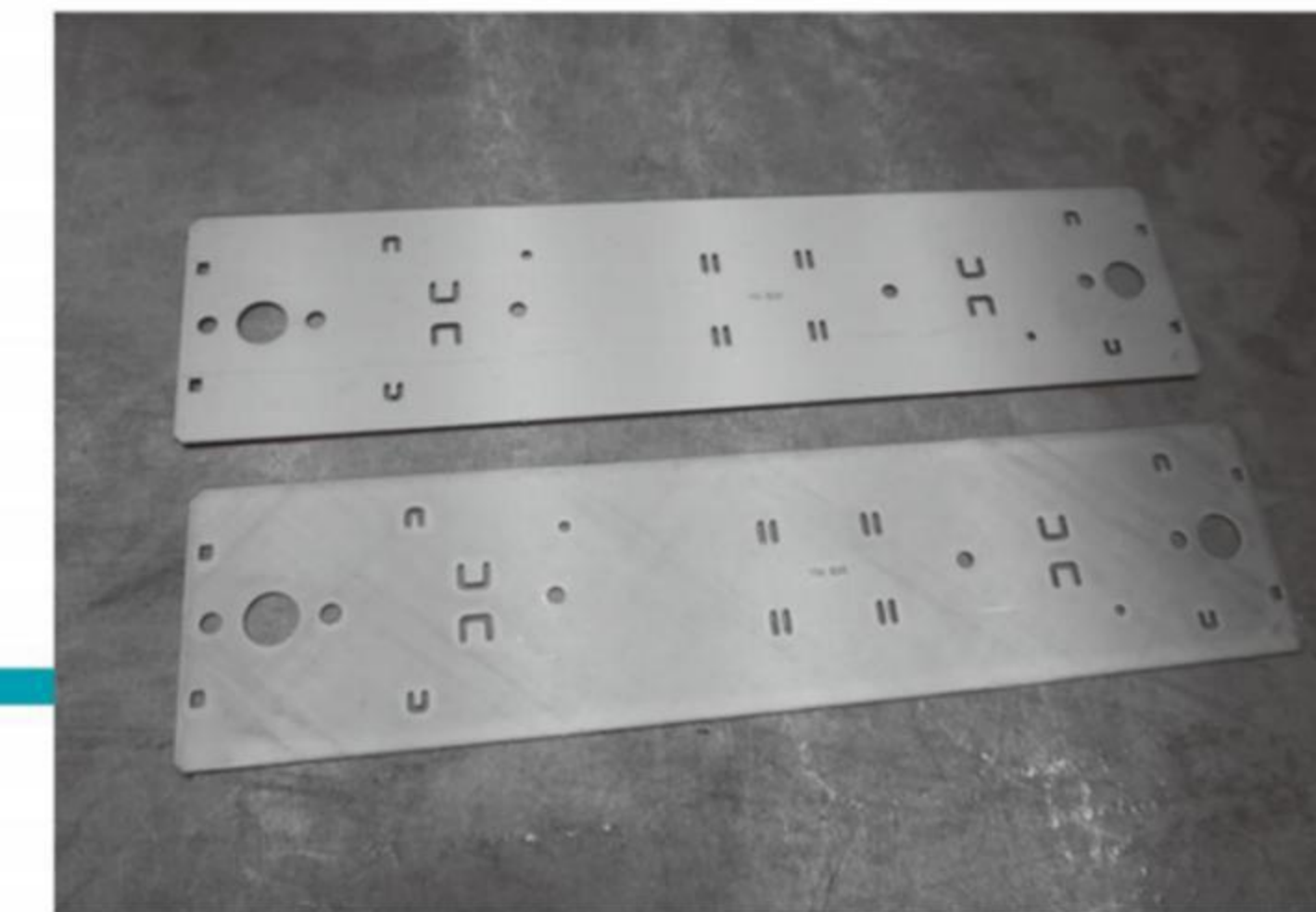
25 Series Hydraulic Precision Leveler



辊径 Roller Diameter	Φ25mm
宽度 Width	160、300、500
辊数 Roller Number	31
额定板厚 Rated Plate Thickness (Q235)	0.3-1.0mm
最大板厚 Max. Plate Thickness (Q235)	2.0mm
最小长度 Least length	50mm
矫平速度 Levelled speed	0-10m/min
矫平精度 Levelled Precision (GB/T1184-1996)	H
适用对象 Applicable Object	卷材、板料、平面零件、镜面板料等 Tape coiling, sheet metals, flat parts, mirror sheet metals, etc.



≤2.0mm超薄料



- 卷材  
Tape Coiling
- 平面零件  
Flat Parts
- 板料  
Sheet Metals
- 镜面板料  
Mirror Sheet Metals

ADV grinding  
Best Quality ADV Making!

25系列矫平宽度范围表 ( 材质Q235/屈服强度235MPa )

Table for Levelled Width Range of 25 Series (Material Q235/Yield Strength 235MPa)

厚度\宽度 Thickness\Width	25-160-31	25-300-31	25-500-31
0.3-1.0	160	300	500
1.2	130	250	410
1.4	110	210	350
1.6	100	180	310
1.8	85	165	270
2.0	75	150	250

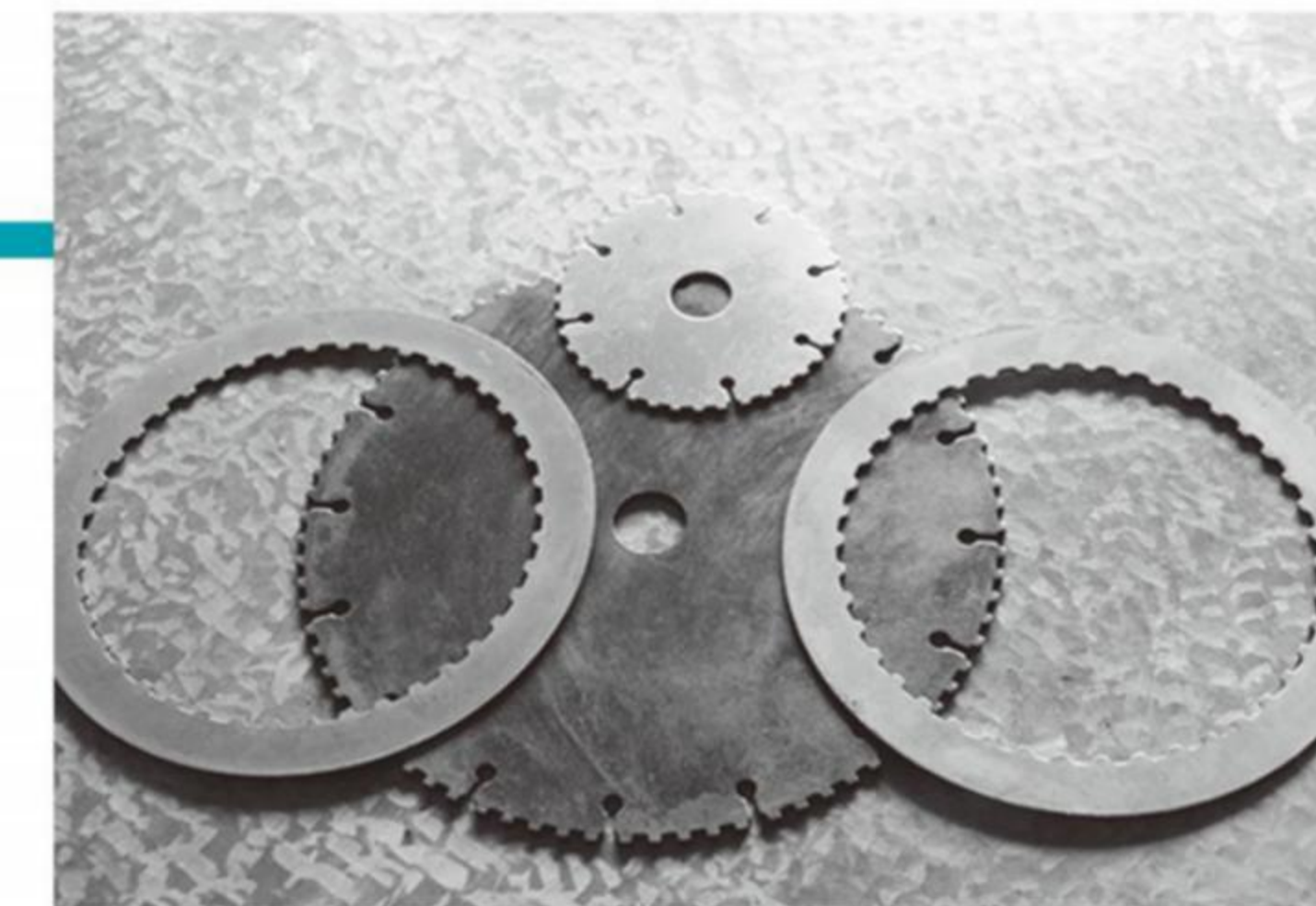
\* 数控调整 其它尺寸宽度、速度可订制  
\* CNC adjustment; other sizes, widths and speeds are customizable.

# 32系列液压式精密矫平机

32 Series Hydraulic Precision Leveler



≤3.0mm薄料



- 卷材**  
Tape Coiling
- 平面零件**  
Flat Parts
- 板料**  
Sheet Metals
- 镜面板料**  
Mirror Sheet Metals

ADV grinding  
 Best Quality ADV Making!

辊径 Roller Diameter	Φ32mm
宽度 Width	300、500、1000、1300、1600
辊数 Roller Number	23
额定板厚 Rated Plate Thickness (Q235)	0.5-1.5mm
最大板厚 Max. Plate Thickness (Q235)	3.0mm
最小长度 Least length	64mm
矫平速度 Levelled speed	0-10m/min
矫平精度 Levelled Precision (GB/T1184-1996)	H
适用对象 Applicable Object	卷材、板料、平面零件、镜面板料等 Tape coiling, sheet metals, flat parts, mirror sheet metals, etc.

32系列矫平宽度范围表 ( 材质Q235/屈服强度235MPa )

Table for Levelled Width Range of 32 Series (Material Q235/Yield Strength 235MPa)

厚度\宽度 Thickness\Width	32-300-23	32-500-23	32-1000-23	32-1300-23	32-1600-23
0.5-1.5	300	500	1000	1300	1600
2	225	375	750	975	1000
2.5	150	250	500	700	800
3	110	180	400	450	550

\* 数控调整 其它尺寸宽度、速度可订制  
\* CNC adjustment; other sizes, widths and speeds are customizable.

# 40系列液压式精密矫平机

## 40 Series Hydraulic Precision Leveler



辊径 Roller Diameter	Φ40mm
宽度 Width	500、1000、1300、1600
辊数 Roller Number	23
额定板厚 Rated Plate Thickness (Q235)	0.6-2.0mm
最大板厚 Max. Plate Thickness (Q235)	6.0mm
最小长度 Least length	80mm
矫平速度 Levelled speed	0-10m/min
矫平精度 Levelled Precision (GB/T1184-1996)	H
适用对象 Applicable Object	卷材、板料、平面零件、镜面板料等 Tape coiling, sheet metals, flat parts, mirror sheet metals, etc.



≤6.0mm薄料



- 卷材  
Tape Coiling
- 平面零件  
Flat Parts
- 板料  
Sheet Metals
- 镜面板料  
Mirror Sheet Metals

ADV grinding  
Best Quality ADV Making!

40系列矫平宽度范围表 (材质Q235/屈服强度235MPa)  
Table for Levelled Width Range of 40 Series (Material Q235/Yield Strength 235MPa)

厚度\宽度 Thickness\Width	40-500-23	40-1000-23	40-1300-23	40-1600-23
0.6-2.0	500	1000	1300	1600
3	330	660	860	1060
4	250	500	650	750
5	200	400	480	550
6	160	280	360	450

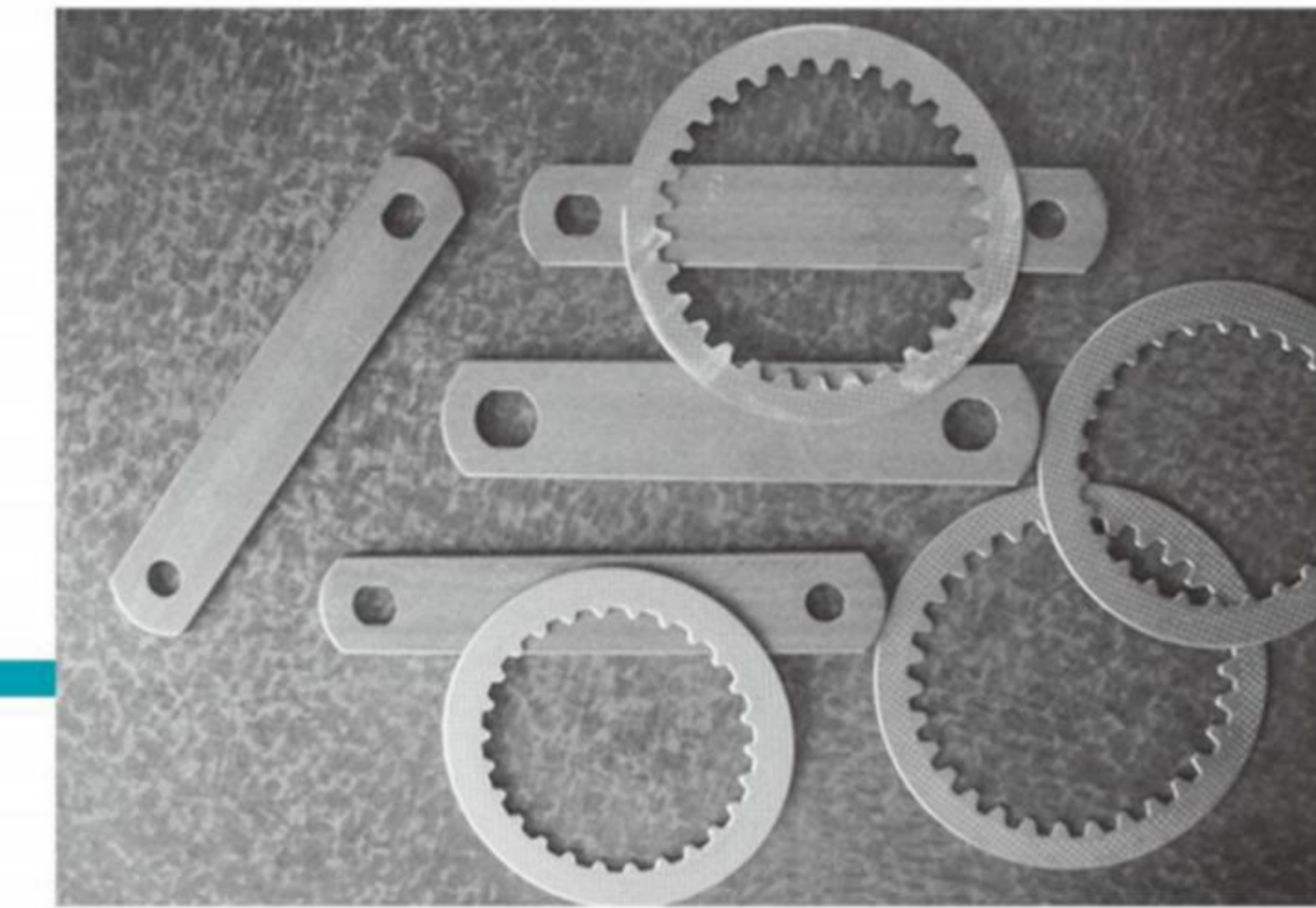
\* 数控调整 其它尺寸宽度、速度可订制  
\* CNC adjustment; other sizes, widths and speeds are customizable.

# 50系列液压式精密矫平机

50 Series Hydraulic Precision Leveler



≤10mm薄料中板



- 卷材  
Tape Coiling
- 平面零件  
Flat Parts
- 板料  
Sheet Metals
- 镜面板料  
Mirror Sheet Metals

ADV grinding  
Best Quality ADV Making!

50系列矫平宽度范围表 ( 材质Q235/屈服强度235MPa )

Table for Leveled Width Range of 50 Series (Material Q235/Yield Strength 235MPa)

厚度\宽度 Thickness\Width	50-500-23	50-800-23	50-1300-23	50-1600-23	50-2100-23
0.8-3.0	500	800	1300	1600	2100
4	370	600	970	1200	1500
6	250	400	650	800	1050
8	180	300	480	600	750
10	130	230	380	480	600

\* 数控调整 其它尺寸宽度、速度可订制  
\* CNC adjustment; other sizes, widths and speeds are customizable.

辊径 Roller Diameter	Φ50mm
宽度 Width	500、800、1300、1600、2100
辊数 Roller Number	23
额定板厚 Rated Plate Thickness (Q235)	0.8-3.0mm
最大板厚 Max. Plate Thickness (Q235)	10mm
最小长度 Least length	100mm
矫平速度 Leveled speed	0-10m/min
矫平精度 Leveled Precision (GB/T1184-1996)	H
适用对象 Applicable Object	卷材、板料、平面零件、镜面板料等 Tape coiling, sheet metals, flat parts, mirror sheet metals, etc.

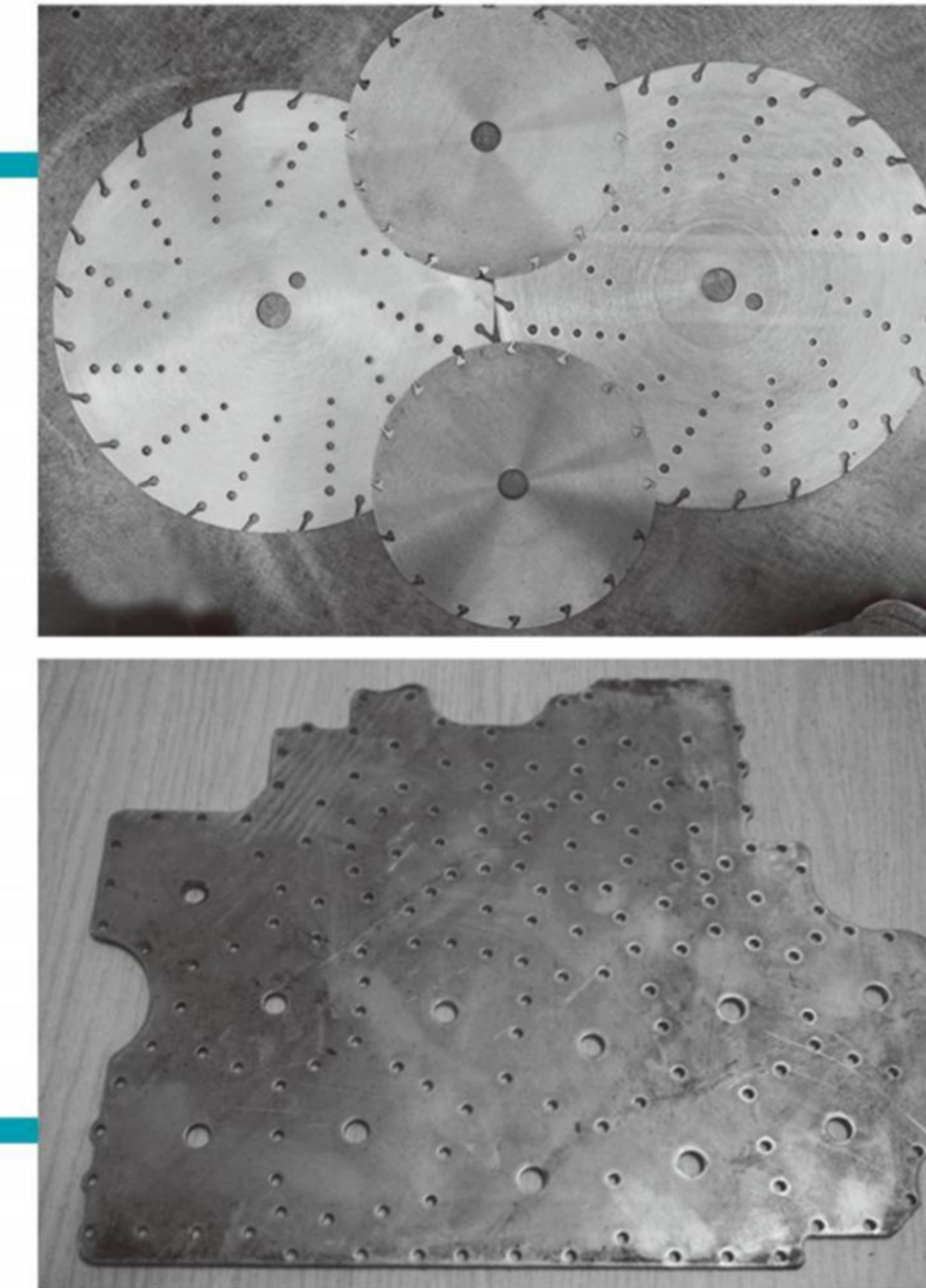
# 63系列液压式精密矫平机

## 63 Series Hydraulic Precision Leveler



≤13mm中厚板料

ADV grinding  
Best Quality ADV Making!



- 卷材  
Tape Coiling
- 平面零件  
Flat Parts
- 板料  
Sheet Metals
- 镜面板料  
Mirror Sheet Metals

63系列矫平宽度范围表 ( 材质Q235/屈服强度235MPa )  
Table for Leveled Width Range of 63 Series (Material Q235/Yield Strength 235MPa)

厚度\宽度 Thickness\Width	63-500-21	63-800-21	63-1300-21	63-1600-21	63-2100-21
1.2-5	500	800	1300	1600	2100
6	400	660	1080	1330	1700
8	300	500	810	1000	1300
10	250	400	650	800	1050
12	200	320	510	640	850
13	180	300	480	580	780

\* 数控调整 其它尺寸宽度、速度可订制  
\* CNC adjustment; other sizes, widths and speeds are customizable.

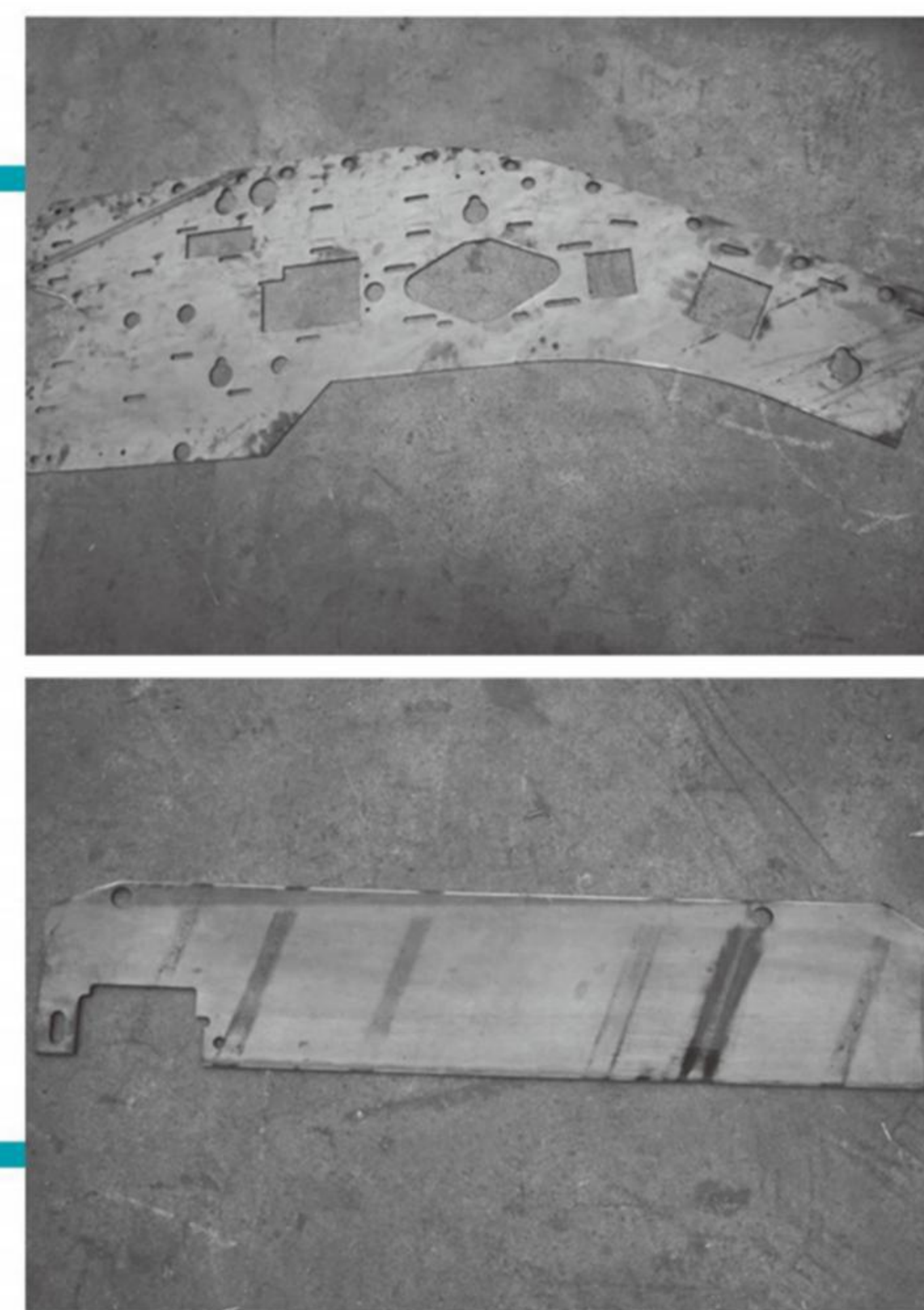
辊径 Roller Diameter	Φ63mm
宽度 Width	500、800、1300、1600、2100
辊数 Roller Number	21
额定板厚 Rated Plate Thickness (Q235)	1.2-5mm
最大板厚 Max. Plate Thickness (Q235)	13mm
最小长度 Least length	100mm
矫平速度 Leveled speed	0-10m/min
矫平精度 Leveled Precision (GB/T1184-1996)	H
适用对象 Applicable Object	卷材、板料、平面零件、镜面板料等 Tape coiling, sheet metals, flat parts, mirror sheet metals, etc.

# 80系列液压式精密矫平机

## 80 Series Hydraulic Precision Leveler



≤20mm中厚板料



- 卷材  
Tape Coiling
- 平面零件  
Flat Parts
- 板料  
Sheet Metals
- 镜面板料  
Mirror Sheet Metals

ADV grinding  
Best Quality ADV Making!

80系列矫平宽度范围表 ( 材质Q235/屈服强度235MPa )  
Table for Levelled Width Range of 80 Series (Material Q235/Yield Strength 235MPa)

厚度\宽度 Thickness\Width	80-500-19	80-1000-19	80-1300-19	80-1600-19	80-2100-19	80-2600-19
2-8	500	1000	1300	1600	2100	2600
10	400	800	1000	1280	1680	2050
12	300	660	860	1060	1400	1700
14	250	570	740	910	1200	1485
16	200	500	650	800	1050	1300
18	180	430	560	700	930	1150
20	120	400	500	640	840	1000

\* 数控调整 其它尺寸宽度、速度可订制  
\* CNC adjustment; other sizes, widths and speeds are customizable.

辊径 Roller Diameter	Φ80mm
宽度 Width	500、1000、1300、1600、2100、2600
辊数 Roller Number	19
额定板厚 Rated Plate Thickness (Q235)	2-8mm
最大板厚 Max. Plate Thickness (Q235)	20mm
最小长度 Least length	160mm
矫平速度 Levelled speed	0-10m/min
矫平精度 Levelled Precision (GB/T1184-1996)	H
适用对象 Applicable Object	卷材、板料、平面零件、镜面板料等 Tape coiling, sheet metals, flat parts, mirror sheet metals, etc.

# 100系列液压式精密矫平机

100 Series Hydraulic Precision Leveler



≤30mm中厚板料



- 卷材  
Tape Coiling
- 平面零件  
Flat Parts
- 板料  
Sheet Metals
- 镜面板料  
Mirror Sheet Metals

ADV grinding  
Best Quality ADV Making!

100系列矫平宽度范围表 ( 材质Q235/屈服强度235MPa )

Table for Leveled Width Range of 100 Series (Material Q235/Yield Strength 235MPa)

厚度\宽度 Thickness\Width	100-500-17	100-1000-17	100-1300-17	100-1600-17	100-2100-17	100-2600-17
3-10	500	1000	1300	1600	2100	2600
12	400	800	1080	1300	1750	2160
14	350	700	920	1140	1500	1850
16	300	625	810	1000	1310	1625
18	270	540	720	880	1150	1400
20	250	500	650	800	1050	1300
22	200	440	590	720	950	1180
24	180	400	530	660	875	1080
26	160	370	500	610	800	1000
28	140	340	450	570	750	900
30	120	300	420	530	700	850

\* 数控调整 其它尺寸宽度、速度可订制  
\* CNC adjustment; other sizes, widths and speeds are customizable.

辊径 Roller Diameter	Φ100mm
宽度 Width	500、1000、1300、1600、2100、2600
辊数 Roller Number	17
额定板厚 Rated Plate Thickness (Q235)	3-10mm
最大板厚 Max. Plate Thickness (Q235)	30mm
最小长度 Least length	200mm
矫平速度 Levelled speed	0-10m/min
矫平精度 Levelled Precision (GB/T1184-1996)	H
适用对象 Applicable Object	卷材、板料、平面零件、镜面板料等 Tape coiling, sheet metals, flat parts, mirror sheet metals, etc.

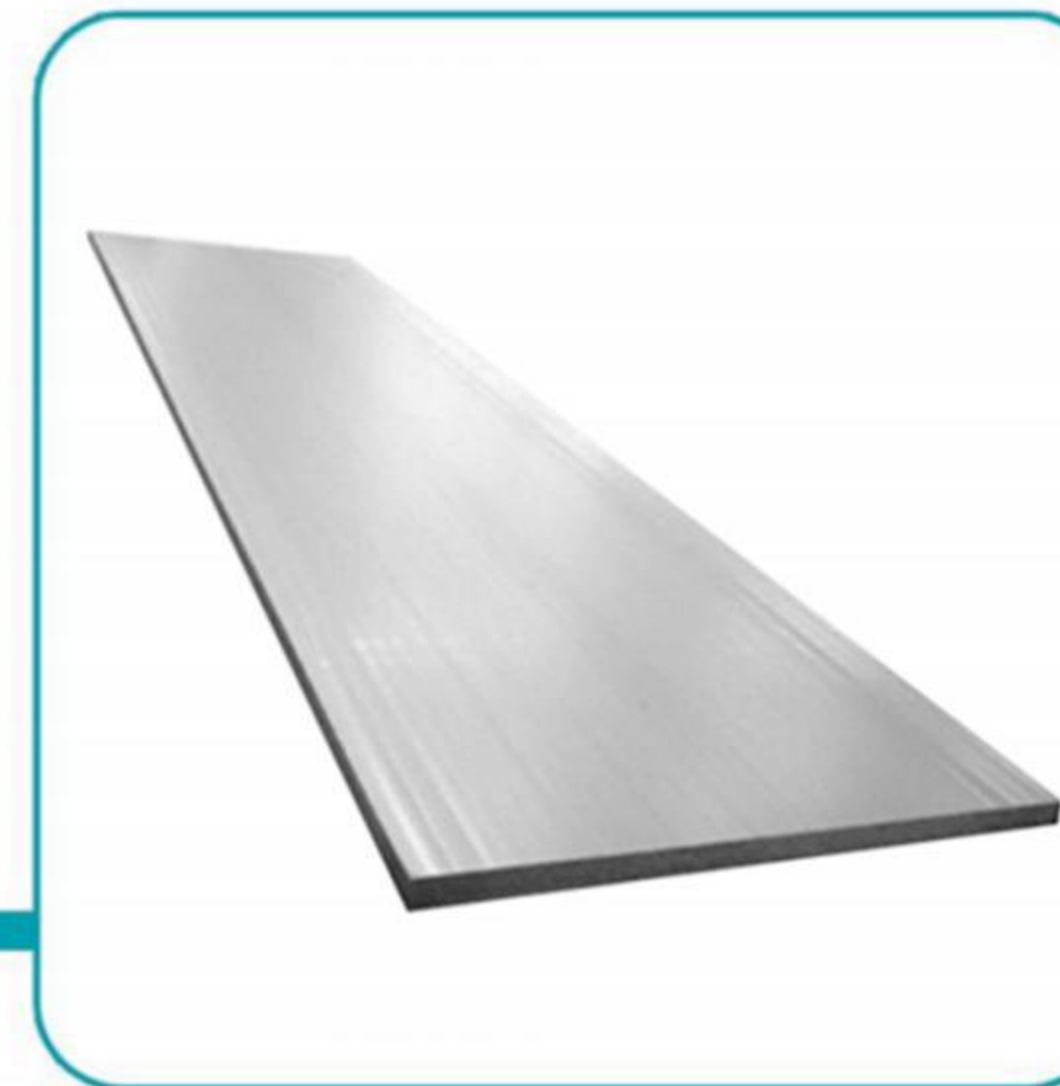
# 125系列液压式精密矫平机

125 Series Hydraulic Precision Leveler



≤50mm厚板厚料

ADV grinding  
Best Quality  
ADV Making!



- 卷材  
Tape Coiling
- 平面零件  
Flat Parts
- 板料  
Sheet Metals
- 镜面板料  
Mirror Sheet Metals

125系列矫平宽度范围表 ( 材质Q235/屈服强度235MPa )

Table for Leveled Width Range of 125 Series (Material Q235/Yield Strength 235MPa)

厚度\宽度 Thickness\Width	125-500-15	125-1100-15	125-1300-15	125-1600-15	125-2100-15	125-2600-15
5-20	500	1100	1300	1600	2100	2600
25	400	860	1040	1280	1680	2080
30	300	710	850	1050	1400	1700
35	270	600	730	900	1200	1450
40	240	520	640	800	1050	1300
45	200	450	550	700	930	1150
50	180	420	510	630	840	1040

\* 数控调整 其它尺寸宽度、速度可订制  
\* CNC adjustment; other sizes, widths and speeds are customizable.

辊径 Roller Diameter	Φ125mm
宽度 Width	500、1100、1300、1600、2100、2600
辊数 Roller Number	15
额定板厚 Rated Plate Thickness (Q235)	5-20mm
最大板厚 Max. Plate Thickness (Q235)	50mm
最小长度 Least length	250mm
矫平速度 Leveled speed	0-10m/min
矫平精度 Leveled Precision (GB/T1184-1996)	H
适用对象 Applicable Object	卷材、板料、平面零件、镜面板料等 Tape coiling, sheet metals, flat parts, mirror sheet metals, etc.

# 160系列液压式精密矫平机

160 Series Hydraulic Precision Leveler



≤80mm厚板厚料



- 卷材  
Tape Coiling
- 平面零件  
Flat Parts
- 板料  
Sheet Metals
- 镜面板料  
Mirror Sheet Metals

ADV grinding  
Best Quality ADV Making!

160系列矫平宽度范围表 ( 材质Q235/屈服强度235MPa )

Table for Leveled Width Range of 160 Series (Material Q235/Yield Strength 235MPa)

厚度\宽度 Thickness\Width	160-500-13	160-1100-13	160-1300-13	160-1600-13	160-2100-13	160-2600-13
8-30	500	1100	1300	1600	2100	2600
40	375	825	975	1200	1575	1950
50	300	660	780	960	1260	1560
60	250	550	650	800	1050	1300
70	200	460	540	675	900	1100
80	170	410	470	600	780	975

\* 数控调整 其它尺寸宽度、速度可订制  
\* CNC adjustment; other sizes, widths and speeds are customizable.

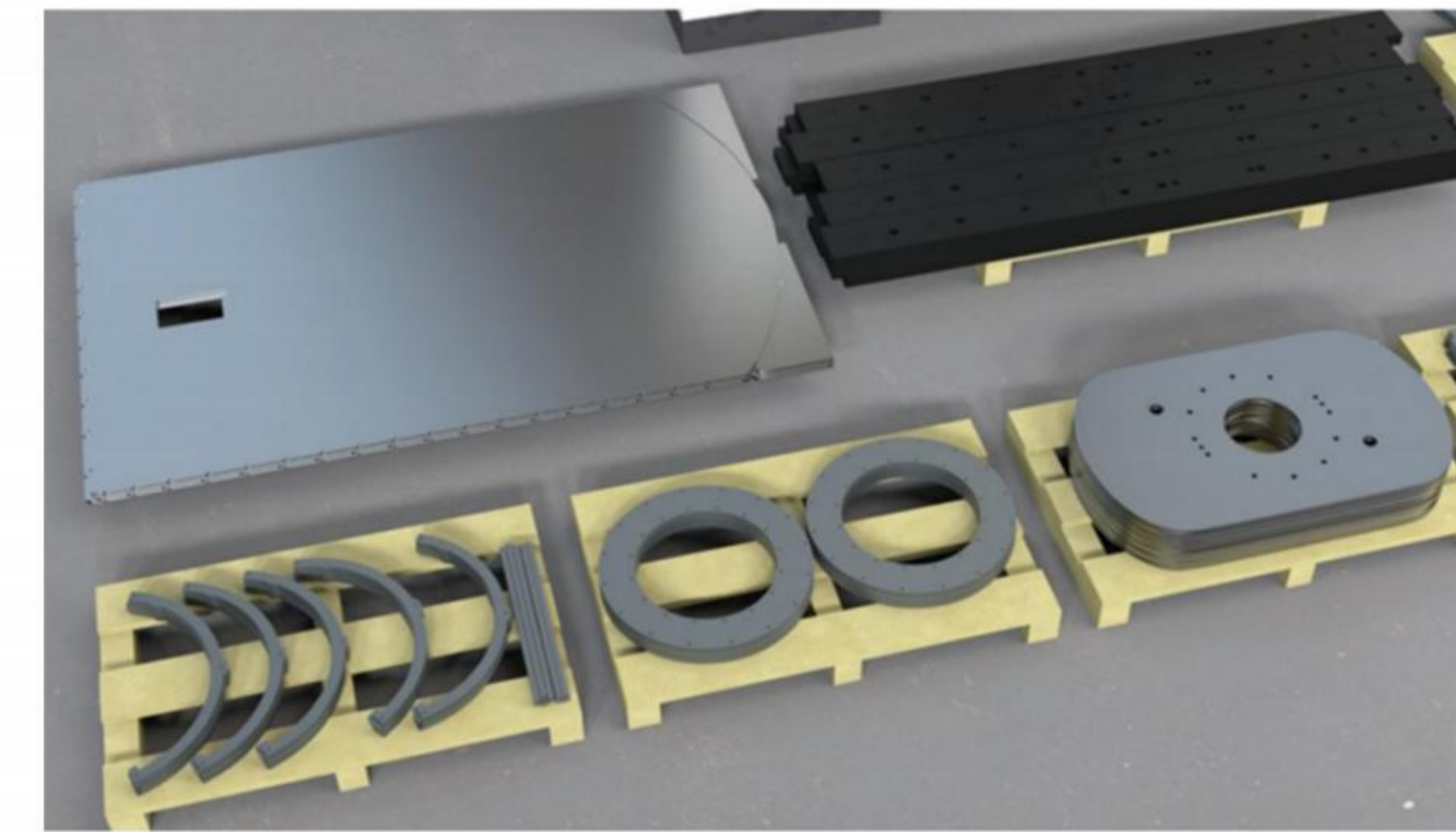
辊径 Roller Diameter	Φ160mm
宽度 Width	500、1100、1300、1600、2100、2600
辊数 Roller Number	13
额定板厚 Rated Plate Thickness (Q235)	8-30mm
最大板厚 Max. Plate Thickness (Q235)	80mm
最小长度 Least length	320mm
矫平速度 Leveled speed	0-10m/min
矫平精度 Leveled Precision (GB/T1184-1996)	H
适用对象 Applicable Object	卷材、板料、平面零件、镜面板料等 Tape coiling, sheet metals, flat parts, mirror sheet metals, etc.

# 200系列液压式精密矫平机

200 Series Hydraulic Precision Leveler



≤100mm厚板厚料



- 卷材  
Tape Coiling
- 平面零件  
Flat Parts
- 板料  
Sheet Metals
- 镜面板料  
Mirror Sheet Metals

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200系列矫平宽度范围表 ( 材质Q235/屈服强度235MPa )

Table for Leveled Width Range of 200 Series (Material Q235/Yield Strength 235MPa)

厚度\宽度 Thickness\Width	200-1100-11	200-1300-11	200-1600-11	200-2100-11	200-2600-11
10-40	1100	1300	1600	2100	2600
50	880	1040	1280	1680	2080
60	730	850	1050	1400	1700
70	620	730	900	1200	1480
80	550	650	800	1050	1300
90	480	570	700	930	930
100	440	520	640	840	840

\* 数控调整 其它尺寸宽度、速度可订制  
\* CNC adjustment; other sizes, widths and speeds are customizable.

辊径 Roller Diameter	Φ200mm
宽度 Width	1100、1300、1600、2100、2600
辊数 Roller Number	11
额定板厚 Rated Plate Thickness (Q235)	10-40mm
最大板厚 Max. Plate Thickness (Q235)	100mm
最小长度 Least length	400mm
矫平速度 Leveled speed	0-10m/min
矫平精度 Leveled Precision (GB/T1184-1996)	H
适用对象 Applicable Object	卷材、板料、平面零件、镜面板料等 Tape coiling, sheet metals, flat parts, mirror sheet metals, etc.

# 500

## 为国内众多500强企业提供服务

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