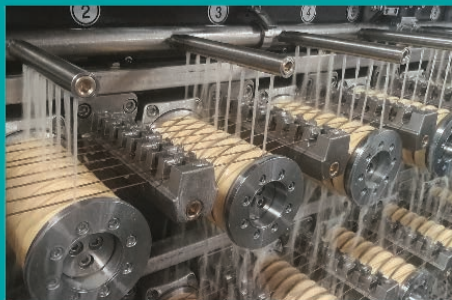


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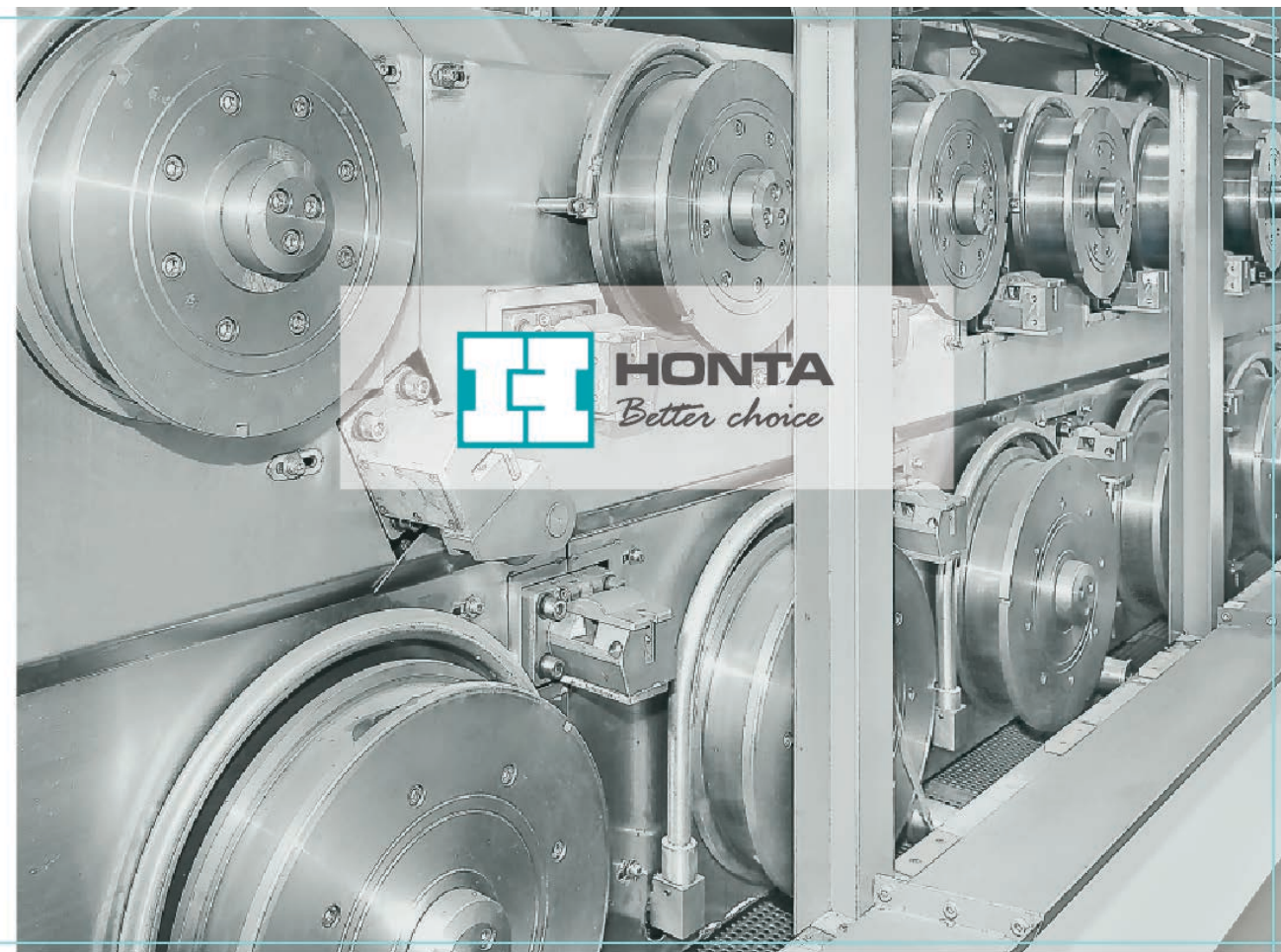


|| 拉丝机系列

Wire Drawing Series

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BRIEF INTRODUCTION



公司简介

HONTA成立于2006年9月，长期致力于线缆导体拉丝与绞线的技术研究，与国内多家知名的线缆企业有着长期友好的合作，并于2017年建立HONTA INC. 美国第二生产基地。

公司的主要产品有铜线和铝线大拉生产线、线材电镀生产线、多头拉丝生产线系列、高速绞线设备等。现已成为颇具规模的线缆设备系统服务商。我们的产品以高速、高效、自动化与人性化享誉业界。

HONTA was founded in September 2006 which has been committed to the technical research of cable conductor drawing and stranding for a long time. HONTA has long-term friendly cooperation with many well-known cable companies in the domestic and overseas, and established HONTA INC, the second production base in the United States in 2017.

The main products including copper and aluminium RBD line, wire electrolytic plating line, multiwire drawing line series, high-speed stranding line, etc. HONTA has become a large-scale cable equipment system service provider. Our products are world-renowned for high speed, high efficiency, automation and humanization.



MANUFACTURING PROCESS



制造工序

COMPREHENSIVELY IMPROVE PROCESSING
ACCURACY AND MANUFACTURING LEVEL

全面提升加工精度和制造水平



PRECISION MACHINING > 精密加工



RESEARCH AND DEVELOPMENT >> 技术研发



RELYING ON ADVANCED
PLATFORMS AND A STRONG TEAM,
WE KEEP LEADING THE WAY
IN TECHNOLOGY.

依托先进的平台,雄厚的团队,让技术一路领先



INSPECTION AND DETECTION >> 检验检测



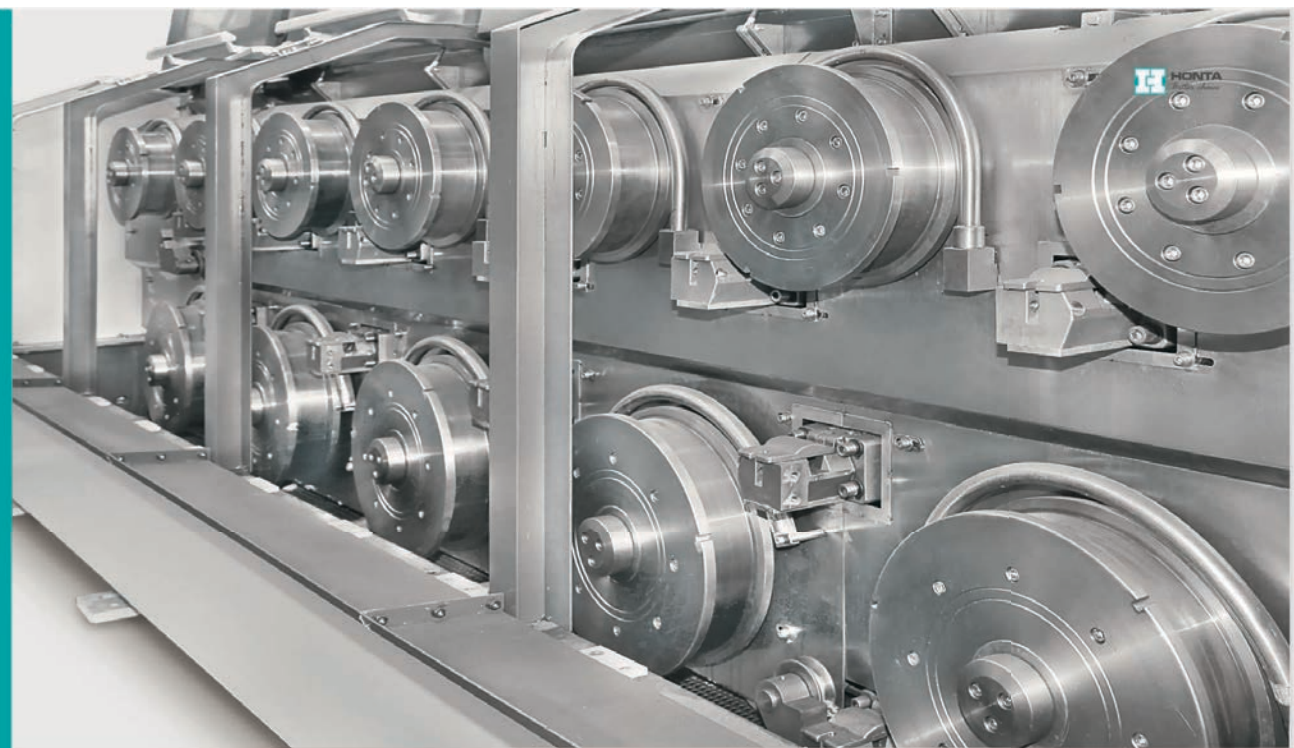
WIN THE MARKET WITH QUALITY,
AND THERE IS NO END
TO QUALITY IMPROVEMENT.

用质量赢得市场,品质改善无止境



大船机系列 *ROD BREAKDOWN MACHINE*

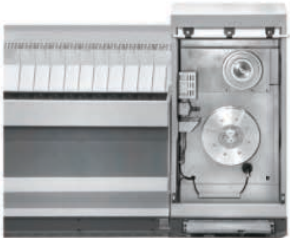
- Gear-driven Series > 齿轮传动系列
- Compact & Double-levels Series > 双层紧凑系列
- Multi-motor Series > 多电机驱动系列
- Dynamic Spoolers > 收线机系列



ROD BREAKDOWN MACHINE

大拉机系列

Gear-driving Series
齿轮传动大拉机系列



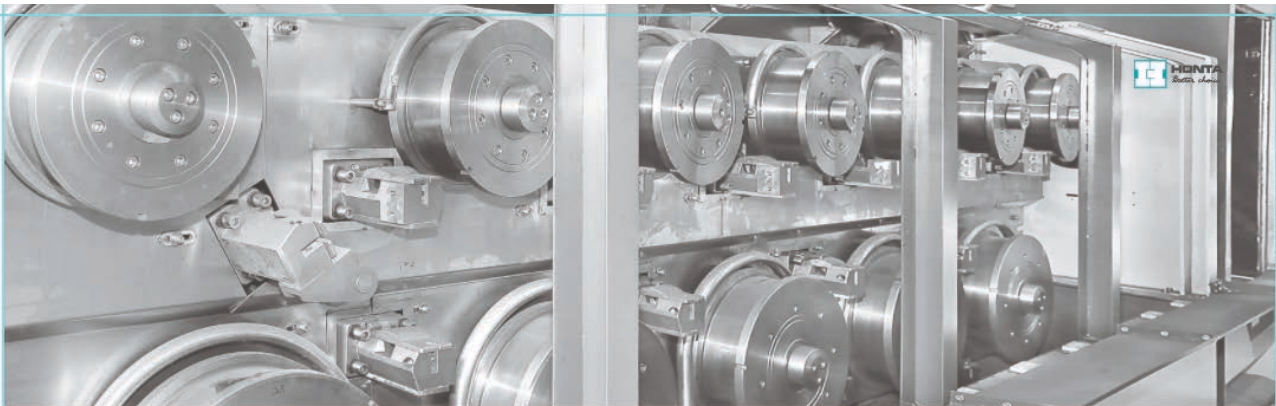
设备型号 Machine Model		SD450		
材料 Material		铜 Cu	铝 Al	铝合金 Al-alloy
机械速度 Max.Machine Speed	m/s	30	30	30
生产头数 No. of Wires		1-2	1-2	1-2
进线 Inlet Diameter	mm	8.00	9.50-12.50	
出线范围 Finished Wire Range	mm	1.00-4.00	1.30-4.50	
拉丝道次 No. of Drafts		9-11-13-15	11-13-15	
驱动方式 Drive Method		2-3 motors with the gear box.		
退火电流 Annealing Current	A	5000-10000		
退火电压 Annealing Voltage	V	60V	80V	



ROD BREAKDOWN MACHINE

> 大拉机系列

Compact & double-levels Series
紧凑型双层大拉机系列



- » 双层紧凑型设计，节省场地空间
- » 多电机独立驱动技术，高精度，结构简单
- » Double-levels compact design, saving space.
- » Multi-motor individual drive technology, high precision, simple structure.

设备型号 Machine Model		MSD450	
材料 Material		铜 Cu	铝 Al
机械速度 Max.Machine Speed	m/s	35	35
生产头数 No. of Wires		1	1
进线 Inlet Diameter	mm	8.00	9.50-12.50
出线范围 Finished Wire Range	mm	1.00-4.50	1.30-4.50
拉丝道次 No. of Drafts		11-13-15	11-13-15
驱动方式 Drive Method		每个拉轮鼓轮独立驱动 Individual drives	
退火电流 Annealing Current	A	4000-6000	
退火电压 Annealing Voltage	V	60V	80V

ROD BREAKDOWN MACHINE

大拉机系列

Multi-motor Series 多电机直驱大拉机系列

- 每道模具的延伸率可调节。
- 多电机直接驱动技术和低滑差控制,大大降低拉丝鼓轮的磨损,噪音更低,效率更高。
- 低维护,节能省电,为用户降低生产成本。
- Elongation of each die is adjustable.
- Multi-motor direct drive technology and low slip control greatly reduce the wear of the wire drawing capstan. Less noise, more efficiency.
- Low maintenance, energy saving, reduce production costs for users.



设备型号 Machine Model		MSD450	
材料 Material		铜 Cu	铝 Al
机械速度 Max.Machine Speed	m/s	35	35
生产头数 No. of Wires		1-2	1-2
进线 Inlet Diameter	mm	8.00	9.50-12.50
出线范围 Finished Wire Range	mm	1.00-4.50	1.30-4.50
拉丝道次 No. of Drafts		7-15	9-15
驱动方式 Drive Method		每个拉轮鼓轮独立驱动 Individual drives	
退火电流 Annealing current	A	4000-10000	
退火电压 Annealing Voltage	V	60V	80V

ROD BREAKDOWN MACHINE

大拉机系列



梅花落线机
Down Coilers



紧密收线机
Single Spooler for Peeling

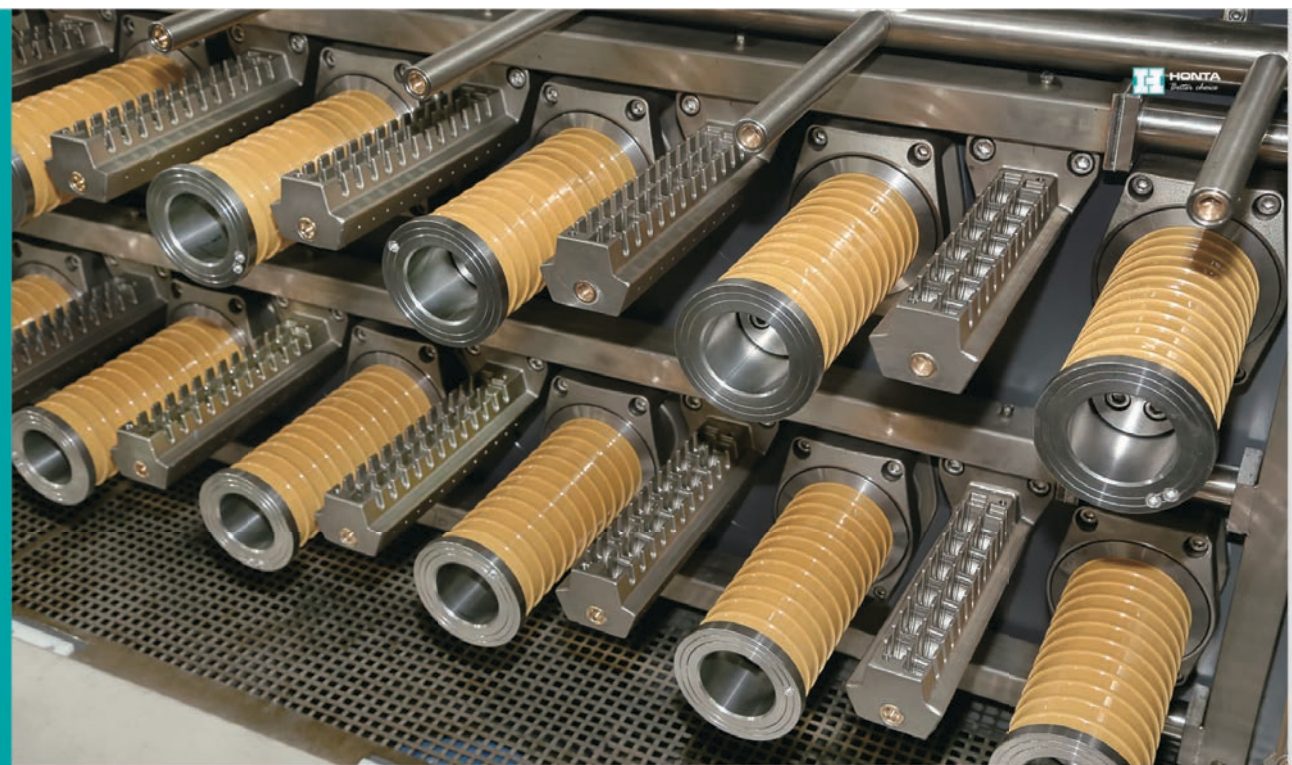


张力装置
Dancer

设备名称 Machine	梅花落线机Down Coiler	双盘收线机Dual Spooler	紧密收线机Single Spooler
设备型号 Machine Model	HT.MC 840	HT.DD 630	HT.WA 1000
机械速度 Max.Machine Speed	m/s 30	30	30
生产范围 Producing Range	mm 1.20-3.50	1.20-4.50	1.80-3.00
线盘(框)尺寸 Bobbin Size	mm 1830 X 440 X1100	630	1000
线盘最大载重 Max.Capacity of Bobbin	KG 2000	600	2000

多头拉丝机系列
Multiwire Drawing MACHINE

- 32 Wires Series > 32头拉丝拉机系列
- 24 Wires Series > 24头拉丝拉机系列
- 16 Wires Series > 16头拉丝拉机系列
- 8 Wires Series > 8头拉丝拉机系列



MULTIWIRE DRAWING MACHINE



Multiwire Drawing Machine (32 Wires)
32头多头拉丝机



- 多根铜线同时拉丝并在线退火，效率高，设备型号多，可以更全面的满足客户的需求。
- 优化并减少了拉丝生产过程，降低了能耗和人工成本，是目前市场上铜线生产的最佳选择。
- 稳定性高，一人操作多台机器，工作强度低，高产能。
- Multiple copper wire drawing and online annealing at the same time, high efficiency, more equipment models, can more comprehensively meet the needs of customers.
- The drawing process is optimized and reduced, reducing energy consumption and labor costs. It is the best choice for copper wire production on the market at present.
- High stability, one person to operate multiple machines, low work intensity, high output.

设备型号 Machine Model		MD 100		
材料 Material		铜Cu/镀锡铜线Tinned Wires		
机械速度 Max.Machine Speed	m/s	32		
生产头数 No. of Wires		28 & 32		
进线 Inlet Diameter	mm	1.80	1.80-2.00	
出线范围 Finished Wire Range	mm	0.20-0.50	0.18-0.50	0.15-0.40
拉丝道次 No. of Drafts		19	22	25
驱动方式 Drive Method		2-5 motors		
退火机型 Annealing Machine		200 & 300	200	
退火电流 Annealing Current	A	4000-5000-7000		
退火电压 Annealing Voltage	V	60V		

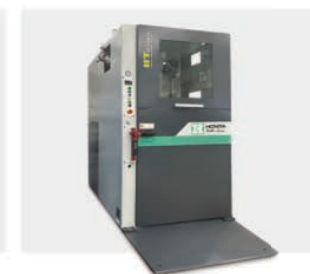
MULTIWIRE DRAWING MACHINE

> 多头拉丝机系列

Multiwire Drawing Machine (24 Wires)
24头多头拉丝机

Faster & More Stable

更快更稳定



- » 拉丝机设计有机械式离合器，程序通过识别在电脑屏设定的使用模具数量，自动关闭不运转的拉丝轮，防止超速。同时，无需人工手动操作，并信号报警保护功能。
- » 电气系统采用模块化设计，安装方便，维护更简单，具备远程通讯功能。
- » 控制系统具有自诊断功能。
- » 收线机可以提供630和800两种机型供客户选择。
- » 多头拉丝机采用高精度，高强度的精密齿轮箱传动，和多电机驱动技术的完美结合。
- » The drawing machine is designed with a mechanical clutch, and the program automatically closes the inactive drawing wheel by recognizing the number of molds set on the computer screen to prevent overspeed. At the same time, no manual operation, and signal alarm protection function.
- » The electrical system adopts modular design, easy to install and easy to maintain. With remote communication function.
- » The control system has the function of self-diagnosis.
- » Take-up machine can provide 630 and 800 two models for customers to choose.
- » Multiwire drawing machine adopts high-precision, high-strength precision gearbox transmission, and the perfect combination of multi-motor drive technology

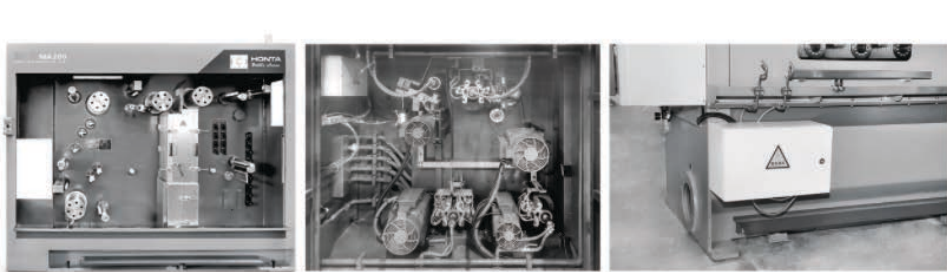
MULTIWIRE DRAWING MACHINE

>> 多头拉丝机系列

- >> 退火控制采用直流电源系统，IGBT逆变原理，高频率，动态响应快，能耗低，退火伸长率稳定，特别适合复合导体。
- >> 全自动油脂润滑系统，24小时不间断监测并定时定量供油，保障退火机所有轴承正常运转，让设备维护保养更轻松。
- >> Annealing control adopts DC power supply system, IGBT inverter principle, high frequency, fast dynamic response, low energy consumption, stable annealing elongation, especially suitable for composite conductors.
- >> Automatic grease lubrication system, 24 hours of continuous monitoring and timed oil supply, to ensure the normal operation of all the bearings of the brake, making equipment maintenance easier.

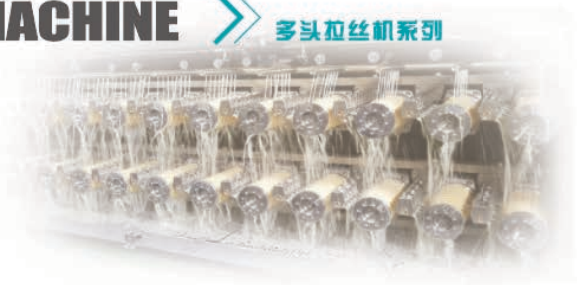


设备型号 Machine Model		MD120		MD100		
材料 Material		铜Copper Wire / 镀锡铜线 Tinned Wire				
机械速度 Max.Machine Speed	m/s	32				
生产头数 No. of Wires		24				
进线 Inlet Diameter	mm	1.80-2.00				
出线范围 Finished Wire Range	mm	0.25-0.50	0.25-0.50	0.18-0.50	0.15-0.40	
拉丝道次 No. of Drafts		17	19	22	25	
驱动方式 Drive Method		2-5 motors				
退火机型 Annealing Machine		200 & 300		200	160 & 200	
退火电流 Annealing Current	A	4000-5000-7000				
退火电压 Annealing Voltage	V	60V				



MULTIWIRE DRAWING MACHINE > 多头拉丝机系列

Multiwire Drawing Machine (16 Wires)
16头多头拉丝机



设备型号 Machine Model		MD120		MD100		MD80	MD60	
材料 Material		铜 Copper Wire / 镀锡铜线 Tinned Wire						
机械速度 Max Machine Speed	m/s	32						
生产头数 No. of Wires		16						
进线 Inlet Diameter	mm	2.60		1.80-2.00		2.60	1.80	1.00-1.80
出线范围 Finished Wire Range	mm	0.37-0.85	0.30-0.70	0.18-0.50	0.15-0.40	0.15-0.40	0.10-0.25	0.05 - 0.15
拉丝道次 No. of Drafts		17	19	22	25	27	31	35
拉丝机结构 Drawing Structure		拉丝轮上下双层 Double Levels						
驱动方式 Drive Method		2-3 motors						
退火机型 Annealing Machine		200 & 300		140 & 160		120 & 140		120
退火电流 Annealing Current	A	4000-5000-7000		2000-3000		2000		1000
退火电压 Annealing Voltage	V	60V						

MULTIWIRE DRAWING MACHINE

>> 多头拉丝机系列

Multiwire Drawing Machine (16 Wires)
16头多头拉丝机



设备型号 Machine Model		MD120		MD100	
材料 Material		铜Copper Wire / 镀锡铜线 Tinned Wire			
机械速度 Max.Machine Speed	m/s	32			
生产头数 No. of Wires		16			
进线 Inlet Diameter	mm	1.80-2.00		1.80-2.00	
出线范围 Finished Wire Range	mm	0.25-0.68	0.20-0.50	0.18-0.50	0.15-0.40
拉丝道次 No. of Drafts		17	19	22	25
拉丝机结构 Drawing Structure		水平单层 Level 1			
驱动方式 Drive Method		2-6 motors			
退火机型 Annealing Machine		200		160 & 200	
退火电流 Annealing Current	A	4000-5000		2000-5000	
退火电压 Annealing Voltage	V	60V			

MULTIWIRE DRAWING MACHINE

> 多头拉丝机系列

Multiwire Drawing Machine (8 Wires)
8头多头拉丝机

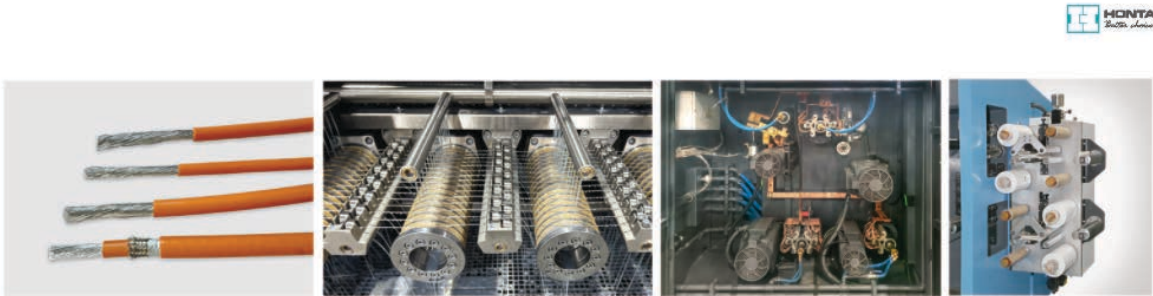


设备型号 Machine Model		MD120		MD100	
材料 Material		铜Copper Wire / 镀锡铜线 Tinned Wire			
机械速度 Max.Machine Speed	m/s	32			
生产头数 No. of Wires		8			
进线 Inlet Diameter	mm	2.60		1.80-2.00	
出线范围 Finished Wire Range	mm	0.37-1.38	0.30-0.85	0.18-0.50	0.15-0.40
拉丝道次 No. of Drafts		17	19	22	25
拉丝机结构 Drawing Structure		水平单层 Level 1			
驱动方式 Drive Method		2-3 motors			
退火机型 Annealing Machine		200 & 300		140 & 160	
退火电流 Annealing Current	A	3000-5000-7000		2000	
退火电压 Annealing Voltage	V	60V			

MULTIWIRE DRAWING MACHINE

>> 多头拉丝机系列

Al & Al-alloy Multiwire Drawing Machine
铝线多头拉丝机



设备型号 Machine Model		MD100
材料 Material		铝、铝合金 Al Al-alloy
机械速度 Max.Machine Speed	m/s	32
生产头数 No. of Wires		16
进线 Inlet Diameter	mm	2.50
出线范围 Finished Wire Range	mm	0.30 -0.72
拉丝道次 No. of Drafts		22
拉丝机结构 Drawing Structure		水平单层 Level 1
驱动方式 Drive Method		双电机驱动 2 motors
退火机型 Annealing Machine		200
退火电流 Annealing Current	A	3000-4000
退火电压 Annealing Voltage	V	80V

MULTIWIRE DRAWING MACHINE

>> 多头拉丝机系列

Multi-motor Multiwire Drawing Machine
多电机独立驱动型多头拉丝机



设备型号 Machine Model		MMD100		
材料 Material		铜Copper Wire / 镀锡铜线 Tinned Wire		铝, 铝合金 Al Al-alloy
机械速度 Max.Machine Speed	m/s	40		32
生产头数 No. of Wires		16		16
进线 Inlet Diameter	mm	1.80-2.00		2.5
出线范围 Finished Wire Range	mm	0.25-0.68	0.20-0.50	0.25-0.72
拉丝道次 No. of Drafts		17	19	22
拉丝机结构 Drawing Structure		水平单层 Level 1		
驱动方式 Drive Method		多电机独立驱动 Individual Drives		
退火机型 Annealing Machine		200 & 300		200
退火电流 Annealing Current	A	4000-7000		3000-4000
退火电压 Annealing Voltage	V	60V		80V

中拉机系列
*Medium Wire Drawing
Machine*

小拉机系列
*Fine Wire Drawing
Machine*



MEDIUM WIRE DRAWING MACHINE

中拉机系列

Medium Wire Drawing Machine
中拉机



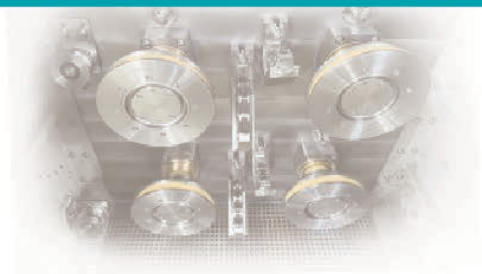
设备型号 Machine Model		MD200	
材料 Material		铜、铝 Cu/Al	
机械速度 Max.Machine Speed	m/s	30	40
生产头数 No. of Wires		1-2	
机械结构设计 Mechanical Structure Design		卧式单层 Horizontal	立式双层 Vertice & 2 levels
最大进线 Max.inlet Diameter	mm	3.00 - 4.00	2.50 - 4.00
出线范围 Finished Wire Range	mm	1.00-2.60	0.30 - 1.60
拉丝道次 No. of Drafts		11 / 17	17 / 21
驱动方式 Drive Method		2 Motors (Fast Die Change System) 双电机驱动，快速换模系统	
退火电流 Annealing Current	A	2000-4000	
退火电压 Annealing Voltage	V	60V	



FINE WIRE DRAWING MACHINE



Fine Wire Drawing Machine
小拉机



线盘尺寸 Bobbin Size 250-630mm (内孔Bore:127mm)



设备型号 Machine Model		MD150	
材料 Material		铜、铝 Cu/Al	
机械速度 Max.Machine Speed	m/s	30	
生产头数 No. of Wires		1-2	
机械结构设计 Mechanical Structure Design		塔轮式 Compact Conical Capatans	鼓轮式 Individual Capatans
最大进线 Max.Inlet Diameter	mm	1.00-2.00	
出线范围 Finished Wire Range	mm	0.15-0.60	
拉丝道次 No. of Drafts		17/21	
驱动方式 Drive Method		2 Motors (Fast Die Charge System) 双电机驱动, 快速换模系统	
退火电流 Annealing Current	A	500-1000	
退火电压 Annealing Voltage	V	60V	

线材电镀生产线
Wire Electrolytic
Plating Lines
Machine



WIRE ELECTROLYTIC PLATING LINES

>> 线材电镀生产线

Wire Electrolytic Plating Lines
线材电镀生产线



- » 自带环保设备, 对水的利用接近零排放, 处理后重复使用, 无浪费。
- » 线材镀层的附着力、均匀性和连续性实验均满足品质管控要求。
- » 高效率, 低能耗, 节省人工。锡的利用率达98%。
- » The production line is equipped with environmental protection equipment, the water usage is close to zero discharge, and it is reused after treatment without waste.
- » The adhesion, uniformity and continuity tests of wire coating all meet the quality control requirements.
- » High efficiency, low energy consumption, labor saving. Tin utilization rate reaches 98%.



WIRE ELECTROLYTIC PLATING LINES

线材电镀生产线



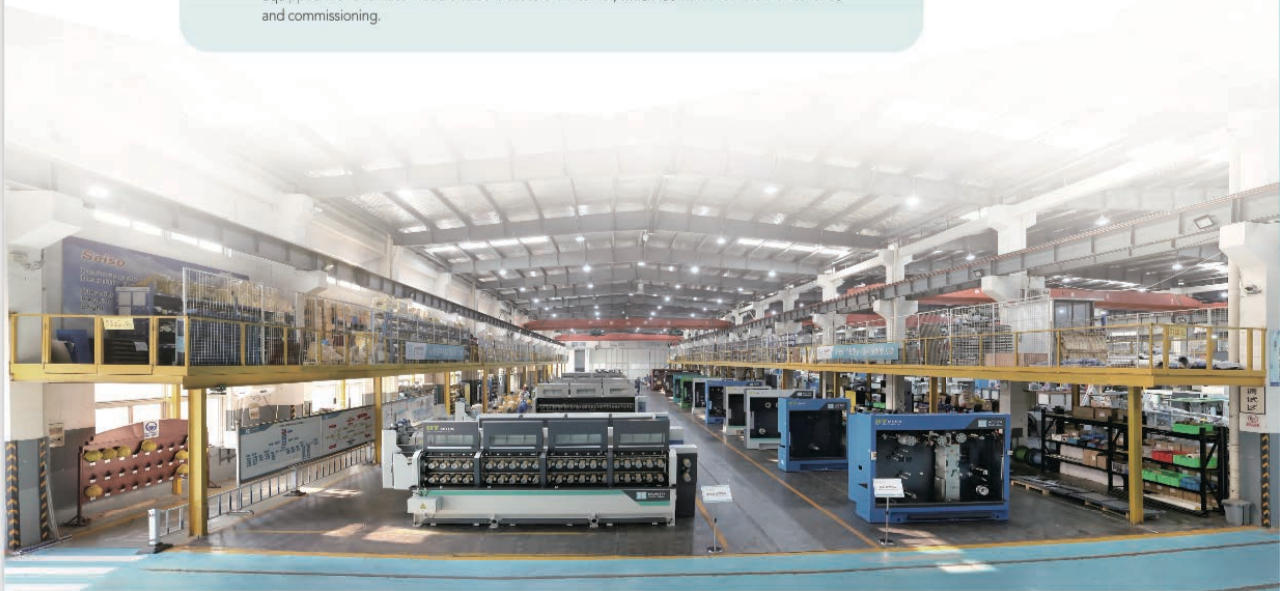
设备型号 Machine Model		Sn3000	Sn6500	Sn13000	Ag3000	Ni5000
电镀基材 Basic Material		铜 Cu				
电镀材料 Plating Material		锡 Sn			银 Ag	镍 Ni
线径范围 Wire Range	mm	1.00-2.60			1.00-2.60	1.00-2.60
最大生产速度 Max. Production Speed	m/s	6	15	15	10	5
镀层厚度 Coating Thickness	μm	1-20	1-20	1-25	1-20	1-20
最大电镀电流 Max. Plating Current	A	3000	6500	13000	3000	5000

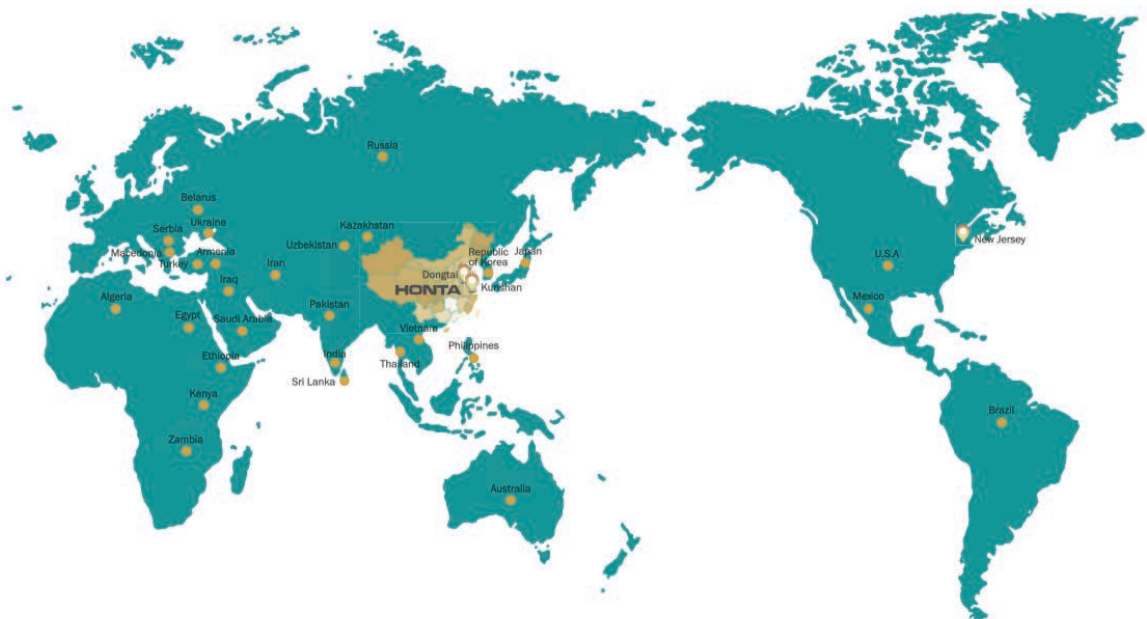
TURNKEY PERFORMANCE >> 交钥匙项目展示

项目设计, 设备选型, 调试安装, 交钥匙式全程服务

售后服务保障同时采用现场或线上两种方式。每台设备系统内配有远程模块连接互联网以方便对客户设备的远程维护和调试。

Turnkey full-service including project design, equipment selection, commissioning and installation. After-sales service is provided in both on-site and remote ways. The equipment system is equipped with a remote module to connect to the Internet, which facilitates remote maintenance and commissioning.





UNDERSTAND THE MARKET DYNAMICS, UNDERSTAND THE
NEEDS OF CUSTOMERS, COMMITTED TO CONSTANTLY PROVIDE
CUSTOMERS WITH NEW SOLUTIONS AND SERVICES.

了解市场动态，了解客户的需求，致力于不断为客户提供新的方案和服务。

REDUCE ENERGY CONSUMPTION, IMPROVE EFFICIENCY,
IMPROVE MARKET COMPETITIVENESS FOR CUSTOMERS, AND
ACHIEVE A WIN-WIN SITUATION FOR CUSTOMERS AND US.

降低能耗，提高效率，为客户提高市场竞争力，实现客户和我们的双赢。

