

ZHAOTONG

TECHNOLOGY

兆通科技



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靖江市兆通科技有限公司

拉丝退火设备一站式源头生产厂家

ONE-STOP SOURCE MANUFACTURER OF WIRE DRAWING AND
ANNEALING EQUIPMENT

ZHAOTONG

拉丝退火设备一站式源头生产厂家

ONE-STOP SOURCE MANUFACTURER OF WIRE DRAWING AND ANNEALING EQUIPMENT

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ZHAOTONG
PRODUCTS
兆通产品

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40⁺

3⁺

1850

占地面积1850平方米
Baitong Company Occupying
1850m²

120⁺

拥有员工120多人
There more then 120 employees

35%

高级专业技术人员占35%以上
More than 35% of them are senior
professionals

COMPANY INTRODUCTION

公司简介

靖江市兆通科技有限公司与江阴市百通科技有限公司为同一法人。我们位于中国江苏省，是拉丝退火设备的源头工厂及一站式制造商。

技术实力：依托多年积累的丰富经验与精湛技术，我们致力于自主研发

主营业务：专业研发、生产和制造适用于高、中、低碳钢材料、不锈钢线材、弹簧线材及合金线材的拉丝退火设备。我们提供从设计到生产的拉丝退火设备一站式解决方案，满足客户的全流程需求。

定制服务：深知不同客户的个性化需求，我们可根据具体场景及技术指标提供专属设计方案与生产支持，实现设备与生产需求的精准匹配。

Jingjiang Zhaotong Technology Co., Ltd. and Jiangyin Baitong Technology Co., Ltd. share the same legal representative. Located in Jiangsu Province, China, we are a source factory and one-stop manufacturer of wire drawing and annealing equipment.

Technical Strength: Relying on years of accumulated rich experience and exquisite technology, we are committed to independent research and development

Main Business: We specialize in the research, development and manufacturing of drawing and annealing equipment for high, medium and low carbon steel materials, stainless steel wires, spring wires and alloy wire materials. We provide one-stop solutions for wire drawing and annealing equipment from design to production to meet customers' full-process needs.

Customized Services: Well aware of the personalized needs of different customers, we can provide exclusive design schemes and production support according to specific scenarios and technical indicators to achieve the matching between equipment and production needs.



磷化高碳钢丝专用水箱拉丝机
Phosphating High-carbon Steel Wire Dedicated Water Tank Drawing Machine



LZ560-900连续直进式拉丝机
Continuous Straight Wire Drawing Machine



不锈钢丝管式退火炉及收放线设备
Stainless Steel Wire Tubular Annealing Furnace & pay-off And Take-up Equipment



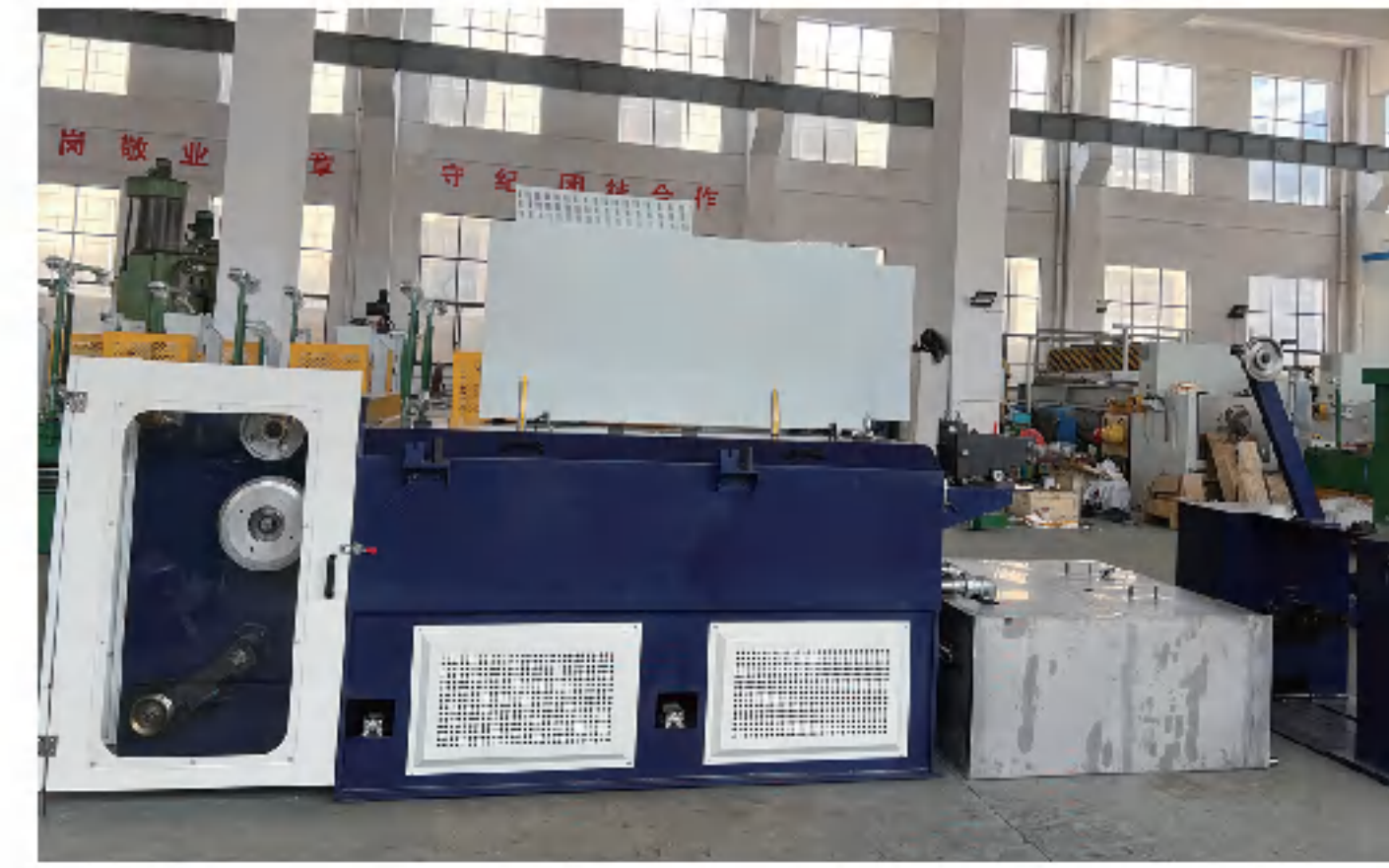
高碳钢弹簧线专用拉丝机
Special Wire Drawing Machine For High Carbon Steel Spring Coil



气排钉扁丝拉丝机
Air nail flat wire drawing machine



收线机、立式放线机、张力箱装置
Winding Machine, Vertical Unwinding Machine, Tension Box Device



水箱拉丝机
Water Tank Wire Drawing Machine



盘条预处理线
Surface Pre-treating Line For Wire Rod



不锈钢弹簧线拉丝机
Stainless steel spring wire drawing machine



不锈钢弹簧线拉丝机
Stainless steel spring wire drawing machine



合金铜线专用水箱拉丝机
Water tank wire drawing machine specially for alloy copper wires



ZT-17D/350水箱拉丝机（拉弹簧线）
ZT-17D/350 Water Tank Wire Drawing Machine (for drawing spring wires)



LZ560-900

CONTINUOUS STRAIGHT WIRE DRAWING MACHINE

连续直进式拉丝机

主要技术参数 Main Technical Data

规格 (mm) Specs	拉拔道次 Drawing pass	最大进线 (mm) Max.Inlet wire	最小进线 (mm) Min.outlet wire	电机功率 (Kw) Motor power	最高速度 (m/s) Max.speed	设备噪音dB (A) Noise dB
φ 560	6-12	6.5	1.3	22-45	18	80-82
φ 600	5-10	7.0	1.8	37-55	16	80-82
φ 700	4-9	8.0	2.4	45-75	12	80-82
φ 800	4-9	10.0	2.8	55-90	10	80-82
φ 900	4-9	14.0	3.5	75-132	8	80-82



LZ200-500

CONTINUOUS STRAIGHT WIRE DRAWING MACHINE

连续直进式拉丝机

主要技术参数 Main Technical Data

规格 (mm) Specs	拉拔道次 Drawing pass	最大进线 (mm) Max.Inlet wire	最小进线 (mm) Min.outlet wire	电机功率 (Kw) Motor power	最高速度 (m/s) Max.speed	设备噪音dB (A) Noise dB
φ 200	9-14	1.0	0.18	0.75-2.2	12	80-82
φ 250	6-14	1.8	0.35	2.2-4	12	80-82
φ 350	6-12	3.5	0.6	7.5-11	20	80-82
φ 400	6-12	4.2	0.75	11-15	20	80-82
φ 450	6-12	4.6	0.85	15-22	18	80-82
φ 500	6-12	5.5	1.0	22-37	18	80-82



翻转式水箱拉丝机+双收线
Turnover Type Wet Wire Drawing Machine



翻转式水箱拉丝机
Turnover Type Wet Wire Drawing Machine

ZT-LT400-389-275

TURNOVER TYPE WET WIRE DRAWING MACHINE

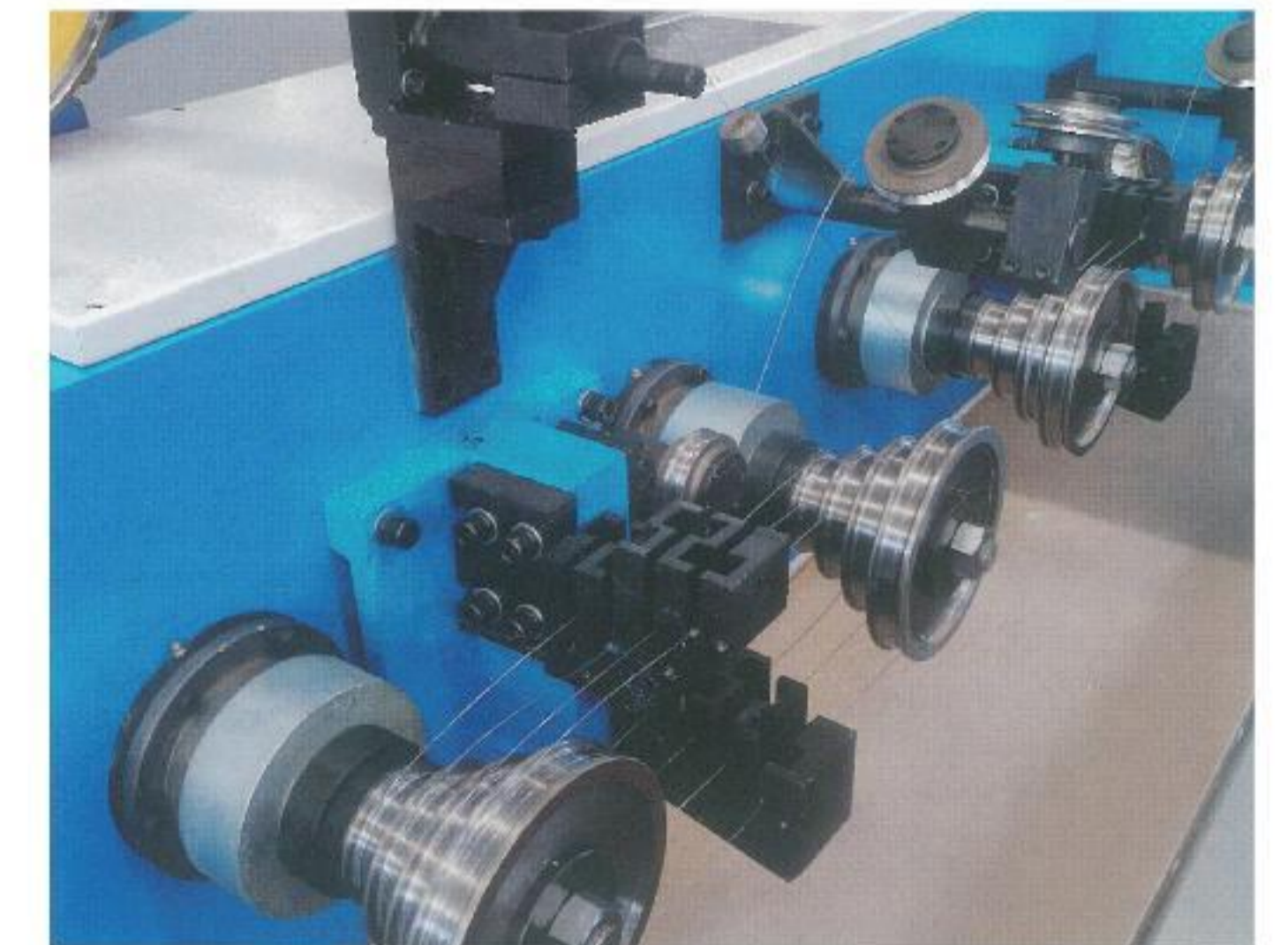
翻转式水箱拉丝机

主要技术参数 Main Technical Data		ZT-LT-23-400	ZT-LT-21-380	ZT-LT-17-360	ZT-LT-23-320	ZT-LT-21-275
产品型号 Product model		ZT-LT-23-400	ZT-LT-21-380	ZT-LT-17-360	ZT-LT-23-320	ZT-LT-21-275
拉拔道次 Drawing pass		23	21	17	23	21
入线线径 Inlet wire diameter		φ 4.0mm	φ 3.0mm	φ 2.8mm	φ 2.0mm	φ 1.9mm
成品线径 Outlet wire diameter		φ 0.5-1.2mm	φ 0.9-0.5mm	φ 0.9-0.5mm	φ 0.15mm	φ 0.15mm
拉拔速度 Drawing speed		6m/s (最高Max)	9m/s (最高Max)	8m/s (最高Max)	20m/s (最高Max)	20m/s (最高Max)
主电机功率 Main motor power		90kw	55kw	55kw	37kw	30kw
收线机功率 Spooler power		11kw	7.5kw	5.5kw	4kw	4kw

注：适用于高 中 低碳钢丝/不锈钢丝/合金钢丝，根据不同的拉拔材料配置电机功率
Note: applicable to high medium and low carbon steel wire/stainless steel wire / alloy steel wire, configure the motor power according to different drawing material



翻转式水箱拉丝机
Turnover Type Wet Wire Drawing Machine



翻转式水箱拉丝机
Turnover Type Wet Wire Drawing Machine



ZT380水箱拉丝机（高碳钢弹簧线）

ZT380 water tank wire drawing machine (for drawing carbon steel wires)

ZT450-380-250

HORIZONTAL FOUR-SHAFT WET WIRE DRAWING MACHINE

水平四轴式水箱拉丝机

主要技术参数 Main Technical Data		ZT17/450	ZT23/380	ZT21/300	ZT21/275	ZT15/250
产品型号 Product model		ZT17/450	ZT23/380	ZT21/300	ZT21/275	ZT15/250
拉拔道次 Drawing pass		17	23	21	21	15
入线线径 Inlet wire diameter		φ 4.5~φ 3.5mm	φ 3.2~φ 2.5mm	φ 2.6~φ 2.0mm	φ 2.3~φ 2.0mm	φ 2.0~φ 1.4mm
成品线径 Outlet wire diameter		φ 1.8~1.0mm	φ 1.5~0.8mm	φ 1.0~0.5mm	φ 0.8~0.4mm	φ 0.5~0.25mm
拉拔速度 Drawing speed		600m/min (Max)	1000m/min (Max)	1000m/min (Max)	1000m/min (Max)	1000m/min (Max)
主电机功率 Main motor power		90kw	55kw	45kw	37kw	22kw
设备噪音 Equipment noise		≤85dB (A)	≤85dB (A)	≤85dB (A)	≤85dB (A)	≤85dB (A)

注：适用于高、中、低碳钢丝/不锈钢丝/合金钢丝，根据不同的拉拔材料配置电机功率
Note: applicable to high medium and low carbon steel wire/stainless steel wire / alloy steel wire, configure the motor power according to different drawing material



ZT250水箱拉丝机 ZT250Water tank wire drawing machine

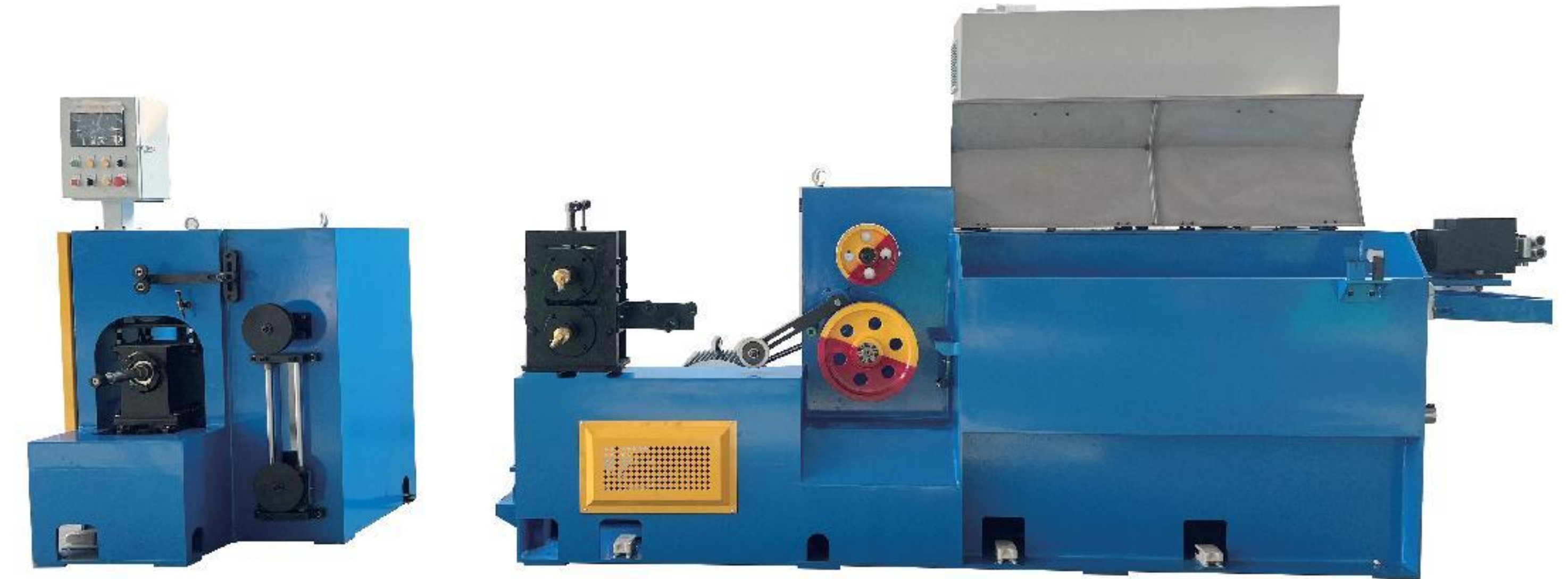


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PHOSPHATING HIGH-CARBON STEEL WIRE ROPE-MAKING WIRE
DEDICATED WATER TANK DRAWING MACHINE
磷化高碳钢丝及（制绳丝）专用水箱拉丝机

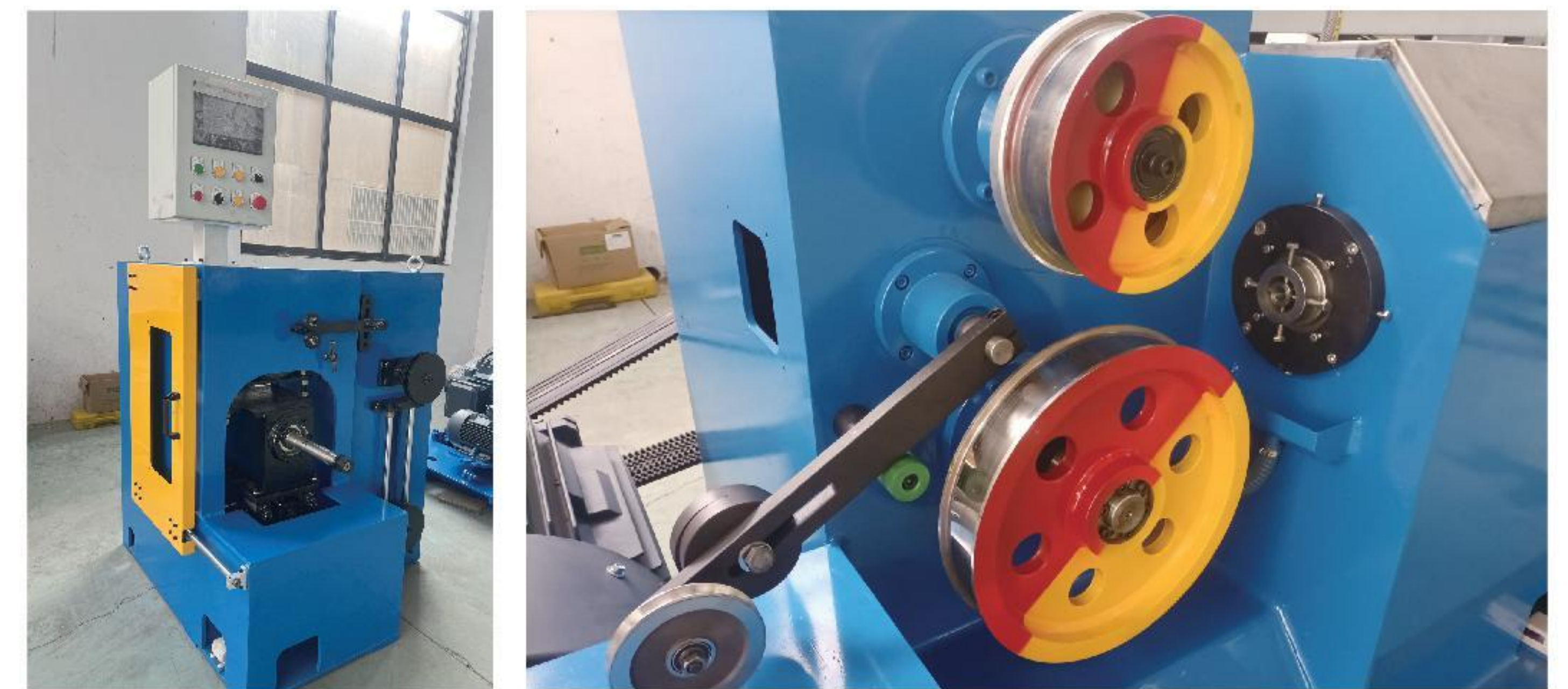


进线 $\phi 2.4$ 出线 $\phi 0.9$
Inlet wire $\phi 2.4$ Outlet wire $\phi 0.9$

ZT-350

AIR NAIL FLAT WIRE DRAWING MACHINE

气排钉扁丝拉丝机



ZT-13D/350

WATER TANK WIRE DRAWING
MACHINE
水箱拉丝机



ZT-800/1500型

SINGLE HEAD WIRE DRAWING
MACHINE
单头拉丝机



SPECIAL WIRE DRAWING MACHINE FOR HIGH CARBON
STEEL SPRING COIL
高碳钢弹簧线专用拉丝机



ZT-17/250水箱拉丝机 (拉弹簧线)

ZT-17/250 Water Tank Wire Drawing Machine (for drawing spring wires)

进线Incoming wire: $\phi 1.5 \sim \phi 1.7\text{mm}$

出线Outgoing wire: $\phi 0.35 \sim \phi 0.45\text{mm}$

钢号: 70#/82B档次

Steel grade: 70#/82B grade



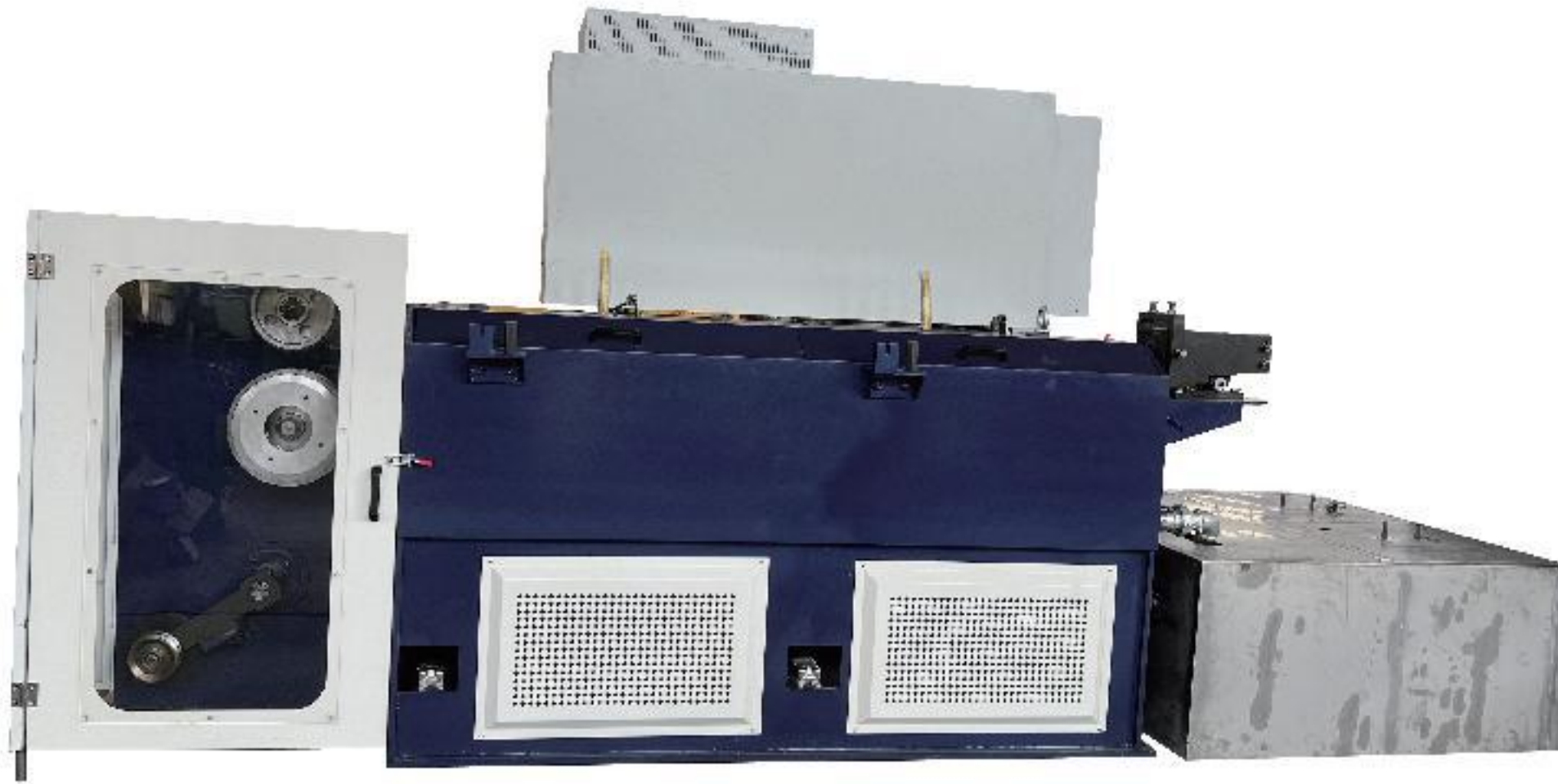
SPRING WIRE DRAWING MACHINE

弹簧线拉丝机 (配双收线)



ZT13-300型 水箱拉丝机

WATER TANK WIRE DRAWING MACHINE



工字轮收线机
Spool take-up machine



FX800放线装置
FX800 pay-off

ZT-17/350水箱拉丝机 (拉弹簧线)

ZT-17/350 Water Tank Wire Drawing Machine (for drawing spring wires)

进线Incoming wire: ϕ 3.8mm

出线Outgoing wire: ϕ 1.1mm

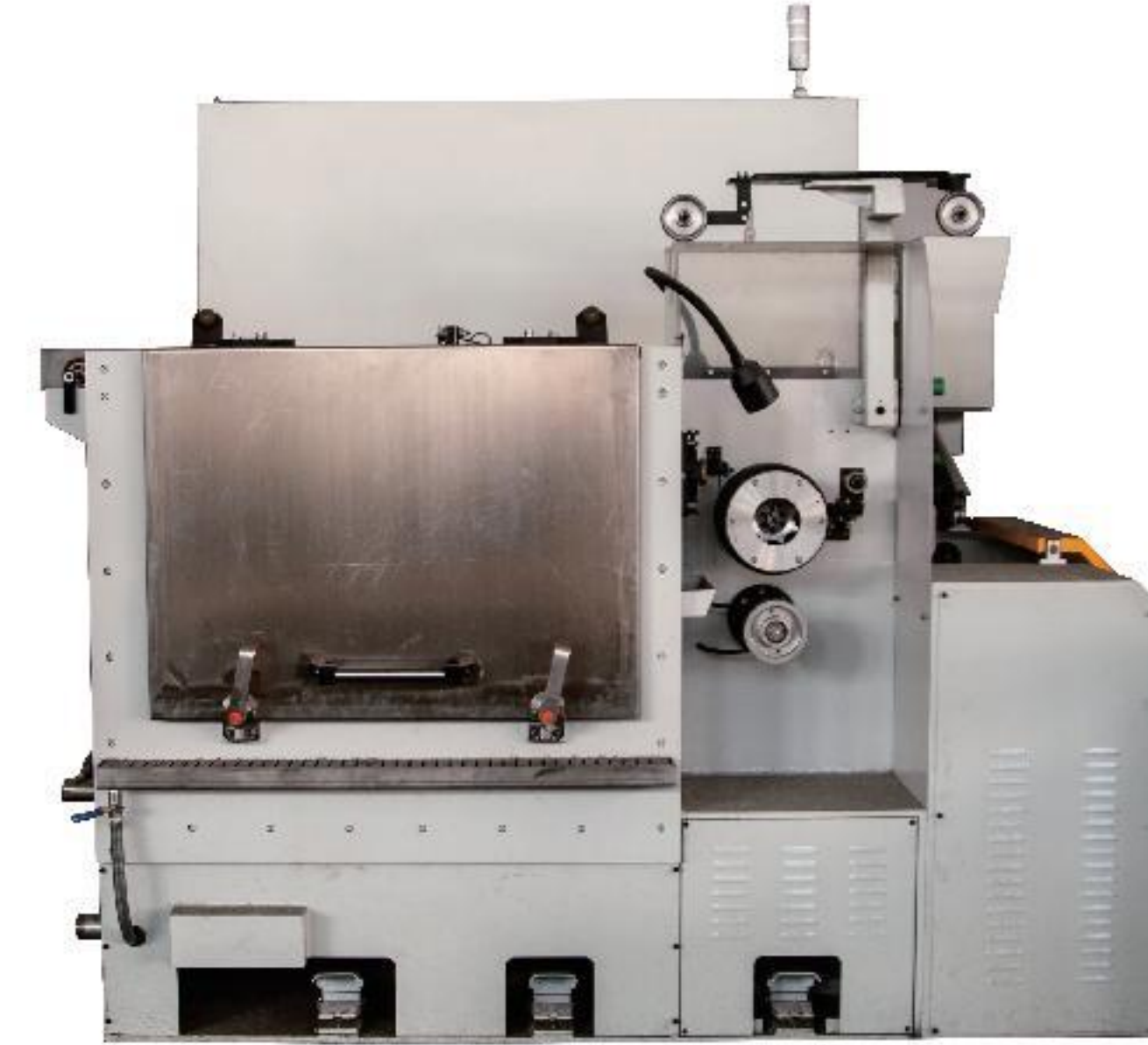
钢号: 70#/82B档次

Steel grade: 70#/82B grade



SPECIAL WATER TANK WIRE DRAWING MACHINE FOR 31D DIAMOND MAIN WIRE

31D金刚线母线专用水箱拉丝机



ZT-15/450水箱拉丝机 (拉弹簧线)

ZT-15/450 Water Tank Wire Drawing Machine (for drawing spring wires)

电机功率Motor power: 55~90Kw

进线Incoming wire: ϕ 5.5mm

出线Outgoing wire: ϕ 1.2~1.7mm

钢号: 70#/82B档次

Steel grade: 70#/82B grade





ZT-300/ZT-400

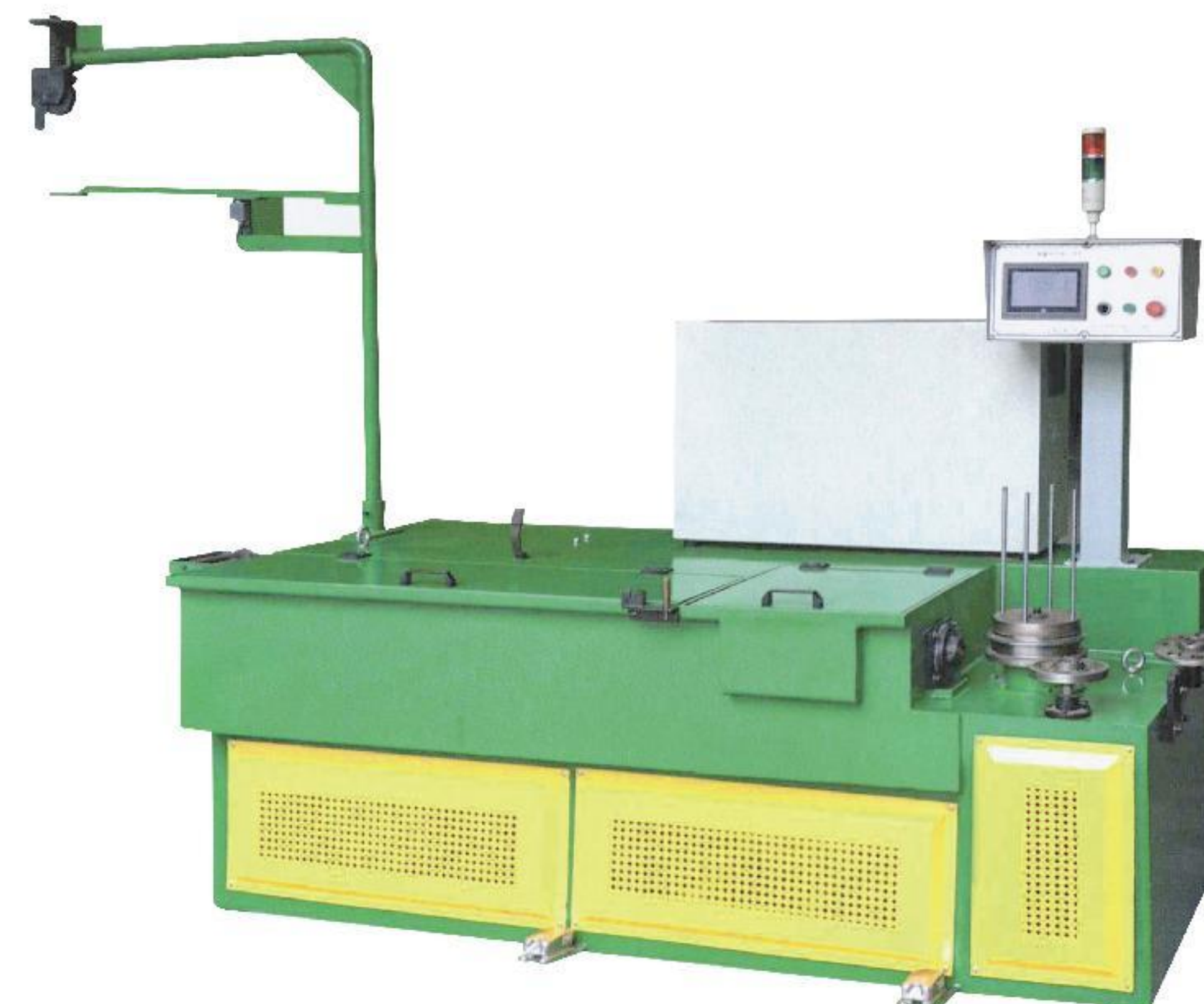
HORIZONTAL FOUR AXIS STAINLESS STEEL SPRING WIRE DRAWING MACHINE

水平四轴不锈钢弹簧线拉丝机

主要技术参数 Main Technical Data

产品型号	Machine Type	ZT-300	ZT-400
入线线径	Inlet wire diameter	Φ1.5mm ~ Φ1.8mm	Φ2.0mm ~ Φ2.4mm
成品线径	Outlet wire diameter	Φ0.5mm ~ Φ0.6mm	Φ0.8mm ~ Φ1.4mm
拉拔道次	Drawing pass	15	15
最高线速度	Max line speed	120m/min	100m/min
收线卷筒直径	Take-up drum diameter	Φ300	Φ400
主电机功率	Main motor power (kw)	7.5	11
传动方式	Transmission method	同步轮、同步带、平皮带 Synchronous wheel, synchronous belt, flat belt	
拉丝润滑方式	Drawing lubrication method	模具、塔轮全浸式Mold, full immersion cone	
外形尺寸	Outline dimension (mm)	2470 × 1200 × 1800(L × W × H)	2470 × 1200 × 1800(L × W × H)
设备重量	Equipment weight(kg)	2300	2400

注：适用于高、中、低碳钢丝/不锈钢丝/合金钢丝，根据不同的拉拔材料配置电机功率
Note: applicable to high medium and low carbon steel wire/stainless steel wire / alloy steel wire, configure the motor power according to different drawing material



ZT-200/ZT-250

HORIZONTAL FOUR AXIS STAINLESS STEEL SPRING WIRE DRAWING MACHINE

水平四轴不锈钢弹簧线拉丝机

主要技术参数 Main Technical Data

产品型号	Machine Type	ZT-200	ZT-250
入线线径	Inlet wire diameter	Φ0.6mm ~ Φ0.8mm	Φ1.0mm ~ Φ1.5mm
成品线径	Outlet wire diameter	Φ0.2mm ~ Φ0.3mm	Φ0.35mm ~ Φ0.45mm
拉拔道次	Drawing pass	18	18
最高线速度	Max line speed	200m/min	150m/min
定速轮直径	Capstan dia	Φ170	Φ170
收线卷筒直径	Take-up drum diameter	Φ200	Φ250
主机拉拔动力	Main motor power(kw)	4	5.5
传动方式	Transmission method	同步轮、同步带、平皮带 Synchronous wheel, synchronous belt, flat belt	
拉丝润滑方式	Drawing lubrication method	模具、塔轮全浸式Mold, full immersion cone	
外形尺寸	Outline dimension(mm)	2350 × 1100 × 1800(L × W × H)	2350 × 1100 × 1800(L × W × H)
设备重量	Equipment weight(kg)	1450	1500

注：适用于高、中、低碳钢丝/不锈钢丝/合金钢丝，根据不同的拉拔材料配置电机功率
Note: applicable to high medium and low carbon steel wire/stainless steel wire / alloy steel wire, configure the motor power according to different drawing material



ZT230-200-130

HORIZONTAL FOUR-SHAFT WET WIRE DRAWING MACHINE

水平四轴式水箱拉丝机

主要技术参数 Main Technical Data		ZT23/230	ZT23/200	ZT25/150	ZT25/130
产品型号 Product model		ZT23/230	ZT23/200	ZT25/150	ZT25/130
拉拔道次 Drawing pass		23	23	25	25
入线线径 Inlet wire diameter		φ 1.4~φ 0.8mm	φ 1.0~φ 0.6mm	φ 0.8~φ 0.5mm	φ 0.25~φ 0.1mm
成品线径 Outlet wire diameter		φ 0.3~0.1mm	φ 0.2~0.08mm	φ 0.18~0.06mm	φ 0.06~0.03mm
拉拔速度 Drawing speed		800m/min (Max)	800m/min (Max)	600m/min (Max)	800m/min (Max)
主电机功率 Main motor power		18.5kw	15kw	11kw	4kw
设备噪音 Equipment noise		≤85dB (A)	≤85dB (A)	≤85dB (A)	≤85dB (A)

注：适用于高、中、低碳钢丝/不锈钢丝/合金钢丝，根据不同的拉拔材料配置电机功率
Note: applicable to high medium and low carbon steel wire/stainless steel wire / alloy steel wire, configure the motor power according to different drawing material



穿轴式水箱拉丝机
Through shaft water tank wire drawing machine

气缸上轴水箱拉丝机
Cylinder shaft water tank wire drawing machine

轴动收线水箱拉丝机
Axis driven wire take-up water tank wire drawing machine



31D金刚线母线水箱拉丝机
Special Water Tank Wire Drawing Machine For 31d Diamond Main Wire

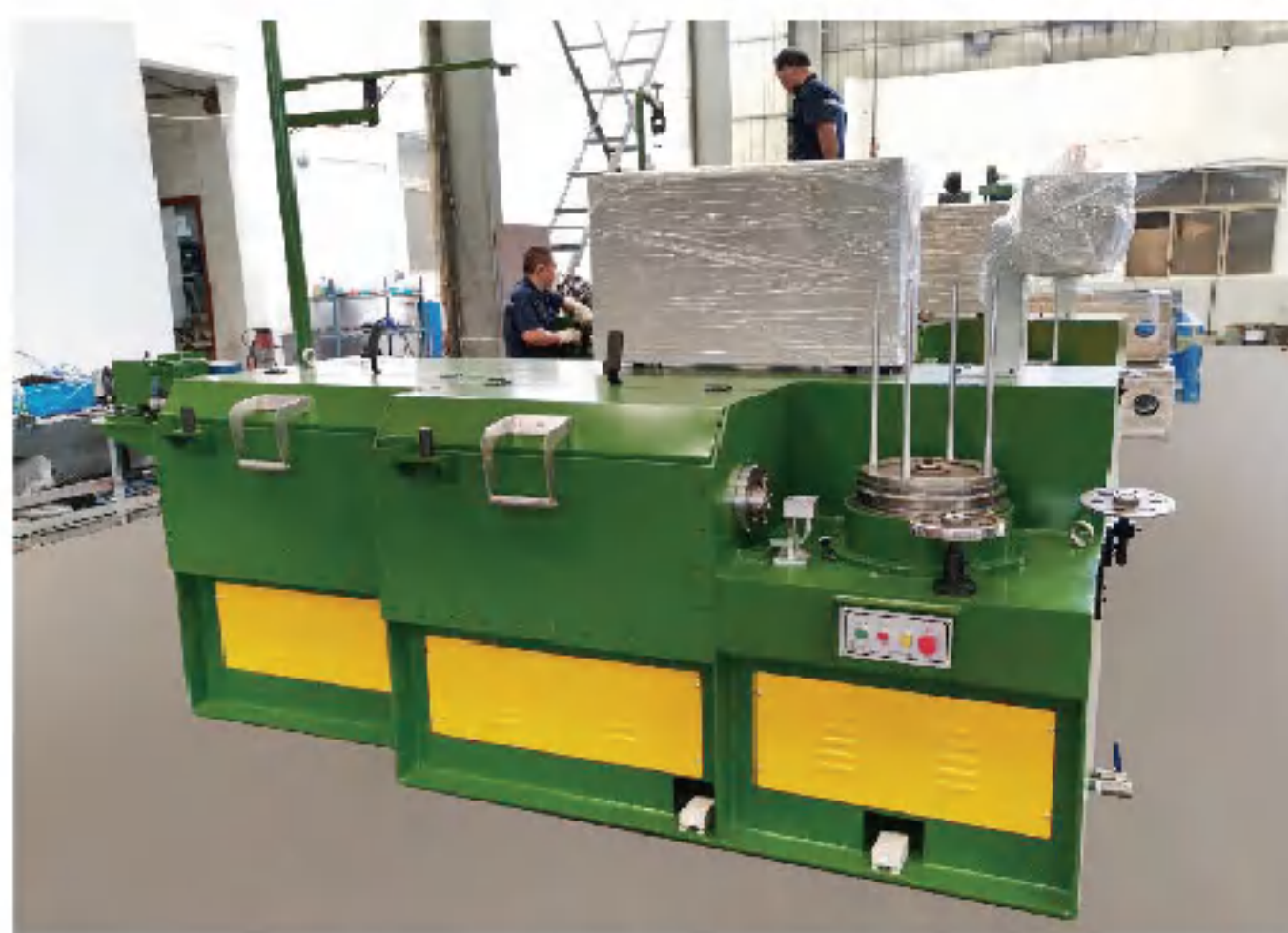


碳钢丝双出线水箱拉丝机
Carbon steel double wire water tank wire drawing machine

HORIZONTAL FOUR-SHAFT WET WIRE DRAWING MACHINE 标准型不锈钢丝水箱拉丝机



不锈钢水箱拉丝机 Stainless Steel Spring Wire Drawing Machine



弹簧线拉丝机 Spring Wire Drawing Machine



弹簧线拉丝机 Spring Wire Drawing Machine



弹簧线拉丝机 Spring Wire Drawing Machine



弹簧线拉丝机 Spring Wire Drawing Machine

SINGLE BLOCK WIRE DRAWING MACHINE SERIES

单次拉丝机系列



主要技术参数 Main Technical Data

卷筒直径 Drum diameter(mm)	400	600	750	850	900	1000
进丝范围 Inlet wire range(mm)	1.8~2.5	3~7	6.5~9	8~12	10~16	12~18
拉拔速度 Drawing speed(m/min)	30~60	60~120	60~120	40~90	40~60	40~60
功率 Power	根据客户要求拉拔材料强度及拉拔速度而定 Drawing speed is set according to drawing material strength and drawing speed required by customer					

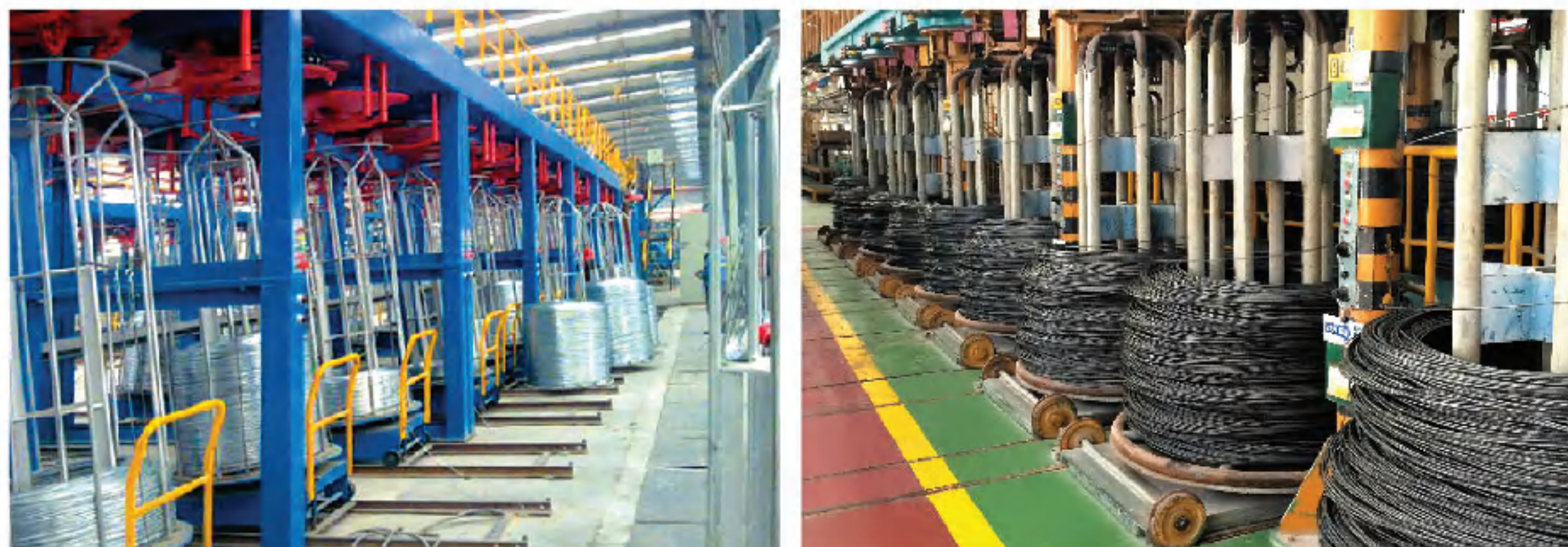


双筒收线机
Double drum take-up machine



梅花收线机
Inverted plum blossom take-up machine

**PAY-OFF AND TAKE-UP
EQUIPMENT ASSORTED TO HEAT
TREATMENT&PLATING PRODUCTION LINE**
热处理及电镀生产线收放线设备



放线机
Pay-off machine



倒立式丝收线机
Inverted take-up machine

PAY-OFF AND TAKE-UP EQUIPMENT ASSORTED TO DRAWING MACHINE

拉丝机配套收放线设备



SG630工字轮放线机
SG630 Bobbin Pay-off Machine



C型放线架
C Type Pay-off Device



鸭嘴式放线架
Duckbill Type Pay-off Device



SG255工字轮收线机
SG255 Bobbin Take-UP Machine



象鼻式收线机
Trunk Type Coiler



SG80/1000立式工字轮收线机
SG800/1000 vertical spool take-up machine



SL650梅花型卸线机
SL650 Pattern Layer Coiler



SL400倒立式收线机
SL400 inverted take-up machine



SG630/740工字轮收线机
SL630/740 Bobbin take-up machine



液压双工位大线放线架
Hydraulic double-station large wire decoying rack



一字型飞臂放线机
Straight-shaped flying arm decoying machine



STAINLESS STEEL WIRE TUBULAR ANNEALING FURNACE&PAYH-OFF AND TAKE-UP EQUIPMENT

不锈钢丝管式退火炉及收放线设备



轴动排线收线机
Shaft-driven take-up machine



单头单控轴动排线收线机
Single-control shaft driven wire arrangement and winding machine



SURFACE PRE-TREATING LINE FOR WIRE ROD

盘条预处理线

主要技术参数 Main Technical Data			
产品型号 Product model		在线无酸洗型 Online no pickling type	在线酸洗型 On linen pickling type
处理范围 Wire scope		5.5~10.0	5.5~10.0
工艺流程 Technology procedure		放线—机械剥壳—钢丝刷或砂带除锈—水洗—(电解硫酸洗或在线盐酸洗—热水洗)—涂硼—烘干—牵引,收线(或进入拉丝机) Pay off—mechanical descaler wire brusher or grindingbelt—washing—(electrolytic sulfuric acid washing on on-line hydrochloric acid washing—hot water washing)—borax coating—drying—traction,take up(or directly into the wire drawing machine)	
主要特点 Main feature		定长自动减速停车:断线检测并自动停车,任意卷筒切除自由工艺组合,防护罩打开自动减速停车,各种故障信息及处理信息显示,各种运动信息监控。 Fixed length automatic stop,broken wire detection & automatic parking,free ccmbnation of any block, uncover safety shield turns to automac stopall kinds of fault and processing information displayall kinds of activities monitoring.	
配置形式 Configuration form		单线或双线盘圆同时处理,温度自动控制,数字显示 Single or double wire rods synchronous treatmenttemperature automatic controdigit display	



BELT POLISHING MACHINE

砂带抛光机



WINDING MACHINE, VERTICAL UNWINDING MACHINE, TENSION BOX DEVICE

收线机、立式放线机、张力箱装置



收线机
Winding Machine



立式放线机
Vertical Unwinding Machine

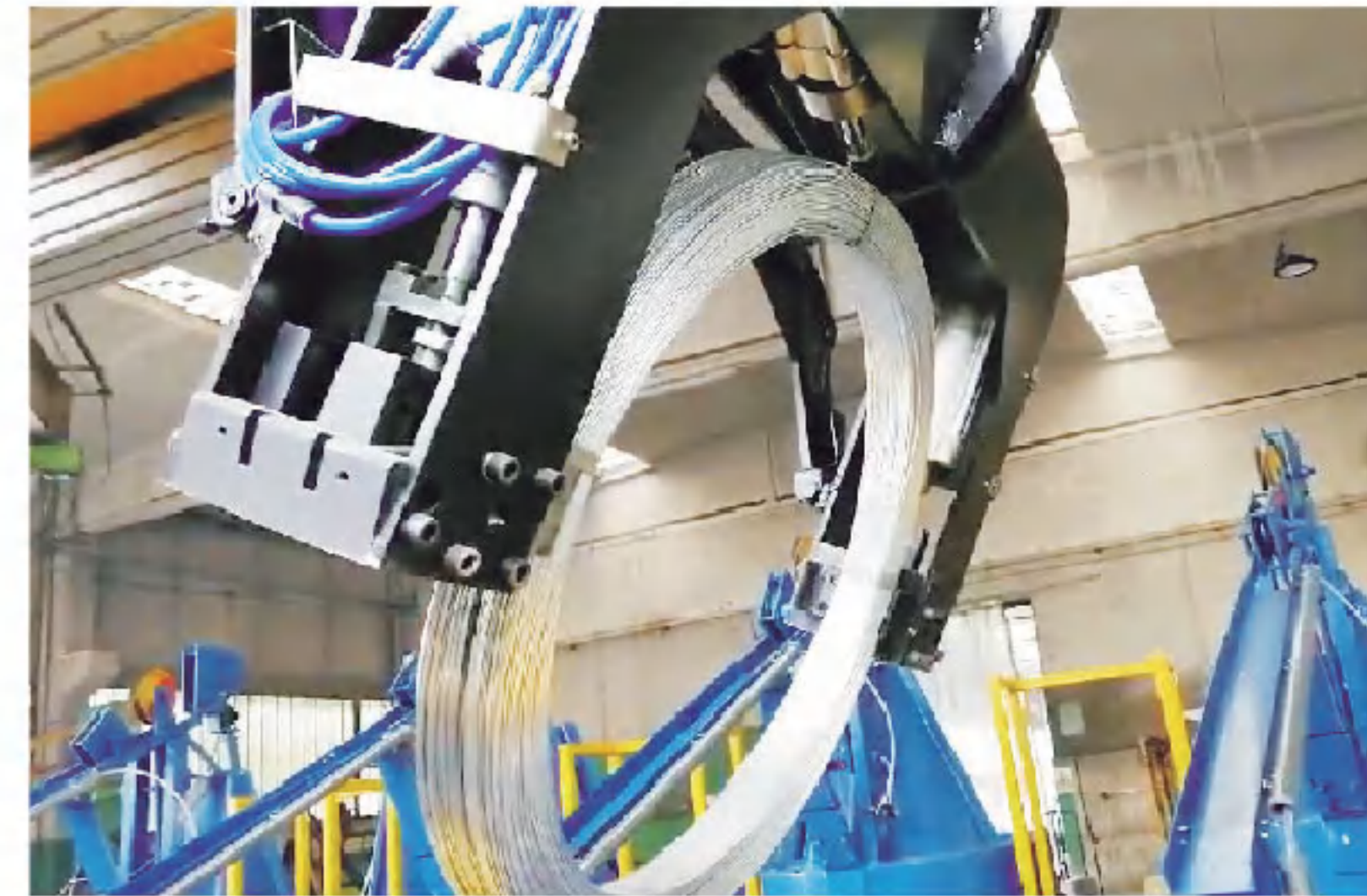
张力箱装置
Tension Box Device



12头收线机（高碳钢弹簧线） 12-head take-up machine (for drawing high-carbon steel spring wires)

WIRE COILING MACHINE/ AUTOMATIC FETCHING COIL

钢丝缠绕线 / 线卷自动抓取



生产规范 / Production specification

线径范围18-3.6mm

Wire diameter range:1.8-3.6mm

最大速度max.400m/min

Maximum speed:400m/min

收线卷重20-50KG

Coil weight: 20-50KG



AUXILIARY EQUIPMENT AND ACCESSORIES FOR THE PRODUCTION OF METAL PRODUCTS

金属制品生产辅助设备及配件

