

印铁机基本参数 DATA OF BASIC METAL PRESS	单色 1-COLOR	双色 2-COLOR	三色 3-COLOR	四色 4-COLOR	六色 6-COLOR
机器总长 (含看样台) TOTAL MACHINE LENGTH WITH INSPECTION TABLE	7350MM 269.69"	11250mm 423.23"	15250mm 580.71"	19550mm 750"	27414mm 1059.61"
耗电量 TOTAL CONNECTED LOAD OF MACHINE WITHOUT DRYERS	36KW	56KW	76KW	104KW	148KW

THE MANUFACTURER RESERVES THE RIGHT TO CARRY OUT MODIFICATIONS WITHOUT NOTICE. 技术参数如有修改, 恕不另行通知, 最终技术参数以合同为准。

质量和诚信是根本, 创造客户价值是使命!
Create Ultimate Customer Satisfaction



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Shanghai Ruiyuan Printing Equipment Co., Ltd.

金属印刷及涂布设备

METAL DECORATING MACHINERY



www.ruiyuanprint.com

上海瑞源印刷设备有限公司
SHANGHAI RUIYUAN PRINTING EQUIPMENT CO.,LTD



- 企业目标：一流产品、一流服务、一流企业
- 企业使命：为客户创造最大价值
- 企业价值观：品质和诚信第一

公司简介 COMPANY PROFILE

上海瑞源印刷设备有限公司成立于1998年，是中国印铁涂布设备的龙头企业。公司主要生产金属印刷和涂布设备适用于食品饮料、化工、家电、礼品、玩具、电子、汽车等行业马口铁、铝制容器外壳、金属盖、标牌等的平面印刷。生产的多色全自动印铁机和涂布机不仅占据中国国内市场领先地位而且远销海外20多个国家，使用生产线500条以上，产品广获海内外用户的好评。2017年推出的RYYT4453W全自动四色印铁机，生产高效、运行稳定、印品卓越、节省人力、绿色智能，深得高端客户认可和使用。

公司专业致力于金属印刷机和涂布机的研发和制造。经过二十多年的积累和发展现有主要产品涵盖两大系列、八个型号。公司集研发和生产于一体，拥有优秀的技术服务团队，不断吸收国内外先进技术，进行自主研发已成功推出第五代印刷机和涂布机系列；荣获多项国家技术专利、国家高科技奖项。

2018年占地50亩的昆山现代化新工厂投入使用，将为全球用户带来最先进、高效的智能化印铁涂布设备。“质量和诚信是根本，创造客户价值是目标”。

Leading Manufacturer

RUIYUAN is the market and technology leader in China in the field of metal decorating equipment manufacturing. The full collection of multi-color metal printing presses, single and double base coaters, steel laminator and auxiliary devices meet the versatile customer demands and provide wide applications of tinplate and aluminum packages for food, beverage, chemical, household electrical appliance, crafts, toys as well as shells of electronics, automobile and battery.

Best Customer Value

Established in 1998, we have already fostered the best in class quality and service. The latest fifth generation metal printing press RYYT453 serial and the third generation coating machine RYT8452B serial witness the solid technological and business development of the enterprise in the past 20 years. In category, two series of eight models fulfills variously worldwide markets. In 2017 leading the cutting-edge technology, RYYT4453 was successfully launched, solving recent biggest issues on efficiency, stability & operation directly leading to printing quality& capacity, workforce and environment protection.

Utmost Trust

In 2018 our new plant is in completion, occupying approximately. 34,000 square meters. The new cruise will start sailing on a smart, high efficient route. Ruiyuan is always committed to provide highest efficiency solutions on quality, service and cooperation.



昆山瑞源智能工厂占地50亩于2018年投入使用。
New smart plant is located in Kunshan,
taking 34,000 sqms to complete in 2018.





2000

推出420 印铁机
420 Serial Metal Press was launched

2007

推出 451 系列双色涂布机, 451B涂布机
451 serial 2-color press and 451B coater were launched

2012

推出452 系列单、双色印刷机, 452B 涂布机
452 serial 1-color, 2-color presses and 452B coater were launched

1998

公司成立、推出400印铁机、450A涂布机
• Company was established
• 400 Serial Metal Press and
• 450A coater were launched

2003

推出 450 系列印刷机、450B 涂布机
450 serial press, 450B coater were launched

2010

推出 451 系列4色印刷机
451 serial 4-color press was launched

2017.5

参加德国METPACK 2017 金属包装展
Participated in METPACK2017

2014

推出 452 系列4色印刷机
452 serial 4-color press was launched

2017.6

与德国Palis公司签订战略合作协议, 共同研发制造数码印刷设备
Cooperation agreement was signed on 21st, June 2017 aiming a development of digital printing.

2017.7

推出中国首台智能4色印刷机RYYT4453W
RYYT4453W, first automatic 4 color metal press in China was launched

2017.8

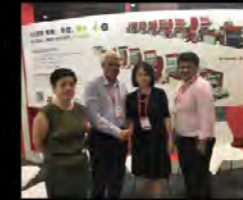
昆山智能工厂开工
New factory was founded in Kunshan

2018.5

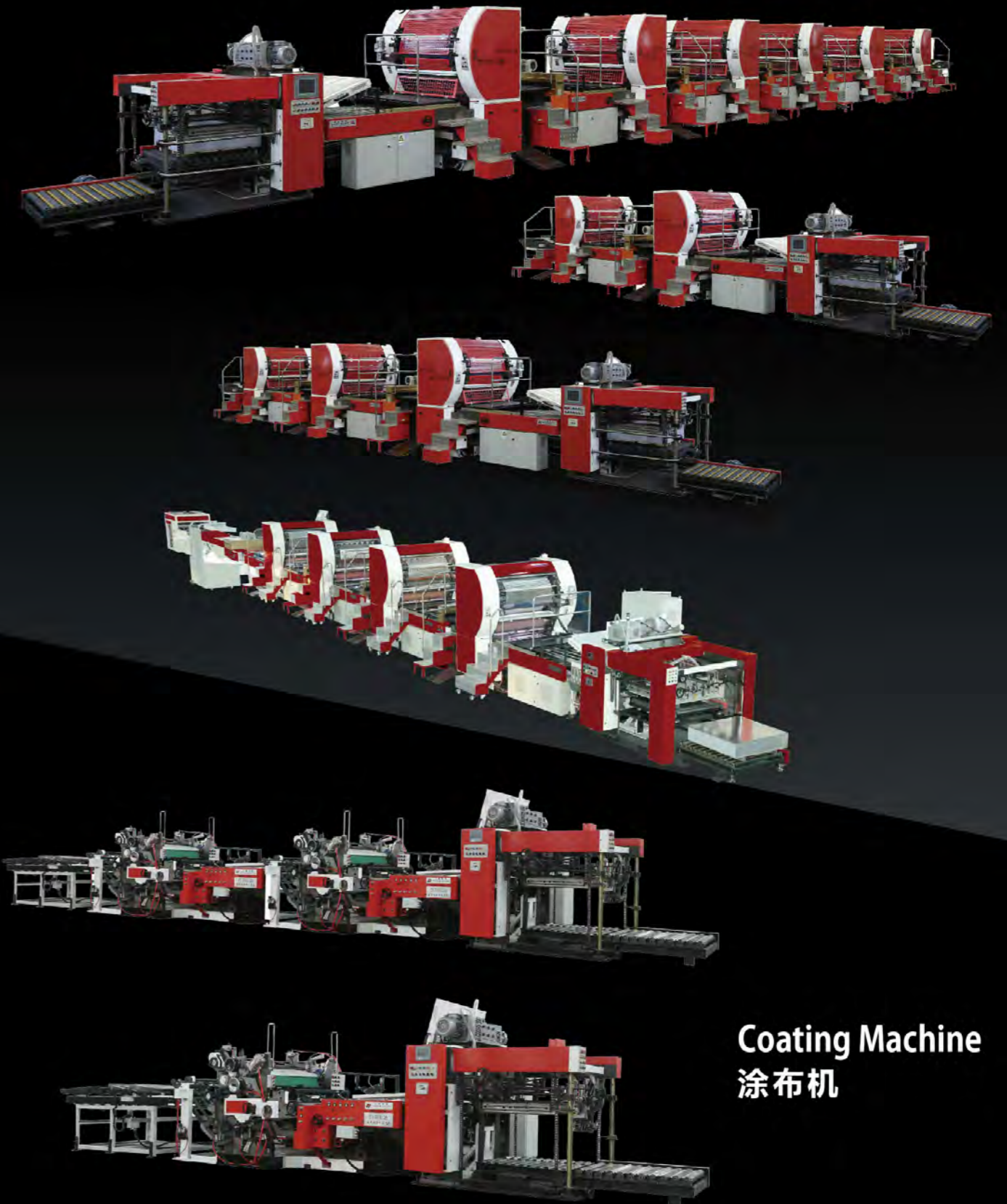
CANNEX 2018广州展

2018.12.26

2018年昆山智能工厂落成使用
New Plant is estimated to complete in 2018 in cooperation with new digital serial with Germany technology.



Metal Printing Machine
多色印铁机

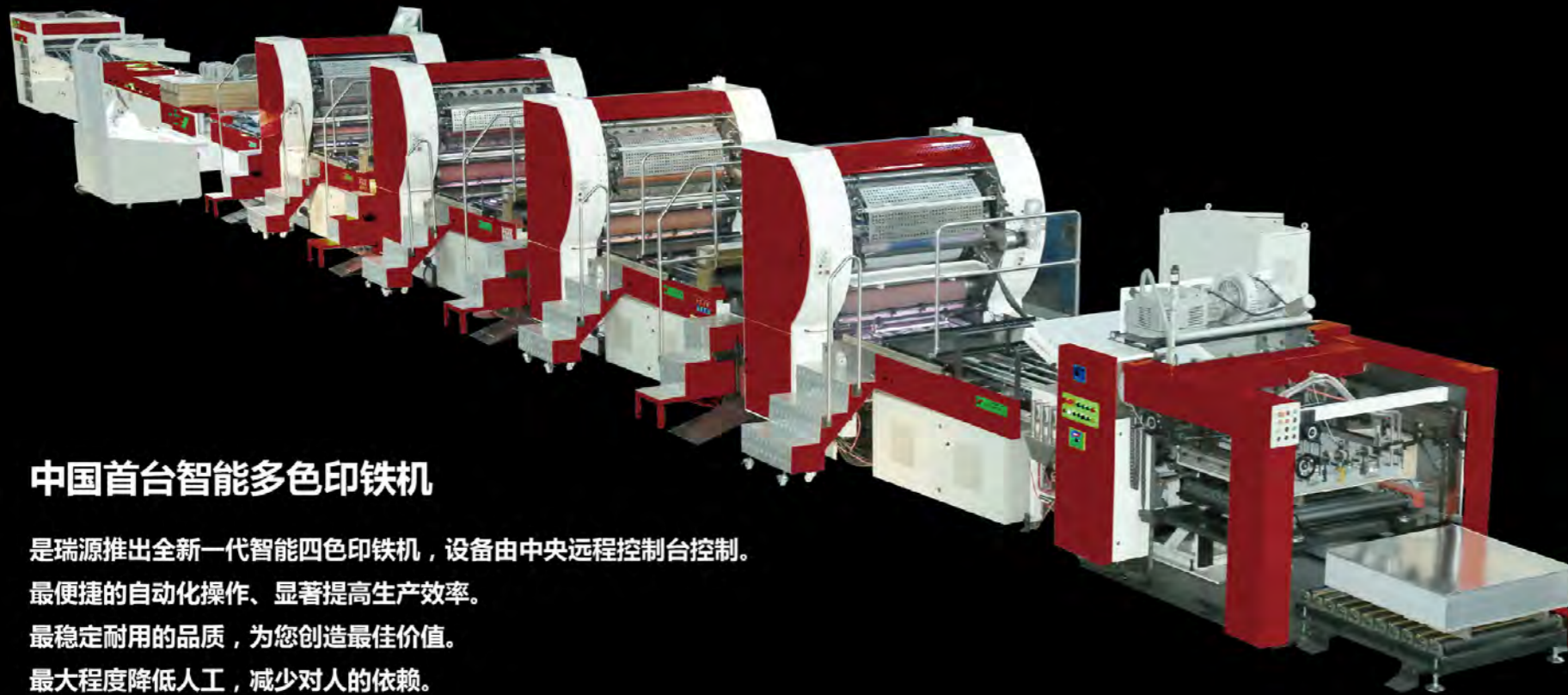


Coating Machine
涂布机

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453系列 智能、高效、绿色
453 SERIAL SMART, EFFICIENT, ECOLOGICAL



中国首台智能多色印铁机

是瑞源推出全新一代智能四色印铁机，设备由中央远程控制台控制。
最便捷的自动化操作、显著提高生产效率。
最稳定耐用的品质，为您创造最佳价值。
最大程度降低人工，减少对人的依赖。

自动侧规与等牙调节
AUTOMATIC REGISTRATION



推料自动调节

推料自动调节时在触摸屏输入板材尺寸，按确认键，多个色组即可同时完成小推手和侧规调节。
Auto pusher sheet size setting is to automatically register sheet format, side gauge, side guide and pushers together on the console.



前规微调

前规微调(操控台)采用电动调节，可在不停机状态下通过控制台根据印品前规线自动调节前规，大幅度提升工作效率。
Gripper lay remote control device is motorized to fine adjust the gripper face for accurate register subject to the front reference line during machine operation.



RYYT453 Quick Ready Smart Series

- UV and Conventional Solutions Available
- Auto Inking, Auto Registration, Auto Wash-up, Quick Release Plate Clamping
- Suitable for Tinplate, Aluminum and etc.
- Talent Options

Optimized High Performance

- Remote control console allows high production efficiency
- Automatic registration in side lay and gripper face to guarantee high precision
- Automatic inking adjustment and washing makes easier operation

TECHNICAL DATA

CONFIGURATIONS	RYYT2453W / 2-COLOR	RYYT4453W / 4-COLOR	RYYT6453W / 6-COLOR
最大金属板尺寸Maximum sheet size	1145×950mm	1145×950mm	1145×950mm
最小金属板尺寸Minimum sheet size standard	712×510mm	712×510mm	712×510mm
金属板厚度范围Sheet thickness standard	0.15-0.4mm	0.15-0.4mm	0.15-0.4mm
最大印刷面积Maximum printing area	1135×945mm	1135×945mm	1135×945mm
印版尺寸Size of printing plate	1160×1040×0.3mm	1160×1040×0.3mm	1160×1040×0.3mm
胶皮布尺寸Size of pre-bar blanket	1175×1135×1.9mm	1175×1135×1.9mm	1175×1135×1.9mm
叼口白边Gripper margin	3-5mm	3-5mm	3-5mm
最高速度Maximum mechanical speed	5000张/小时 (sheets/h) 最高印刷速度主要根据实际印刷条件和片材确定。 Maximum printing speed depending upon printing shop conditions and ingoing material quality.		
输送线高度Height of infeed table	916mm	916mm	916mm
最大堆料量Maximum weight of feeder pile	2.0 (ton)	2.0 (ton)	2.0 (ton)
主电机功率Main motor power	17 (Kw/unit) X2	17 (Kw/unit) X4	17 (Kw/unit) X6
风泵吸排量Capacity of air pump	80+100 (m ³ /hr)	80+100 (m ³ /hr)	80+100 (m ³ /hr)
机器长×宽×高(不含看样台)Dimensions of machine(LxWxH)	10750×3700×2460mm Length without inspection table	19050×3700×2460mm Length without inspection table	26914×3700×2460mm Length without inspection table
耗电量 Total connected load of machine without dryers	56KW	104KW	148KW
气缸工作压力Running pressuring of air cylinder		0.6-0.8MPa	
用气量 Compressed air		> 140m ³ /h	

Remarks: Alteration is subject to the specific data change without prior notice.

453系列 智能、高效、绿色

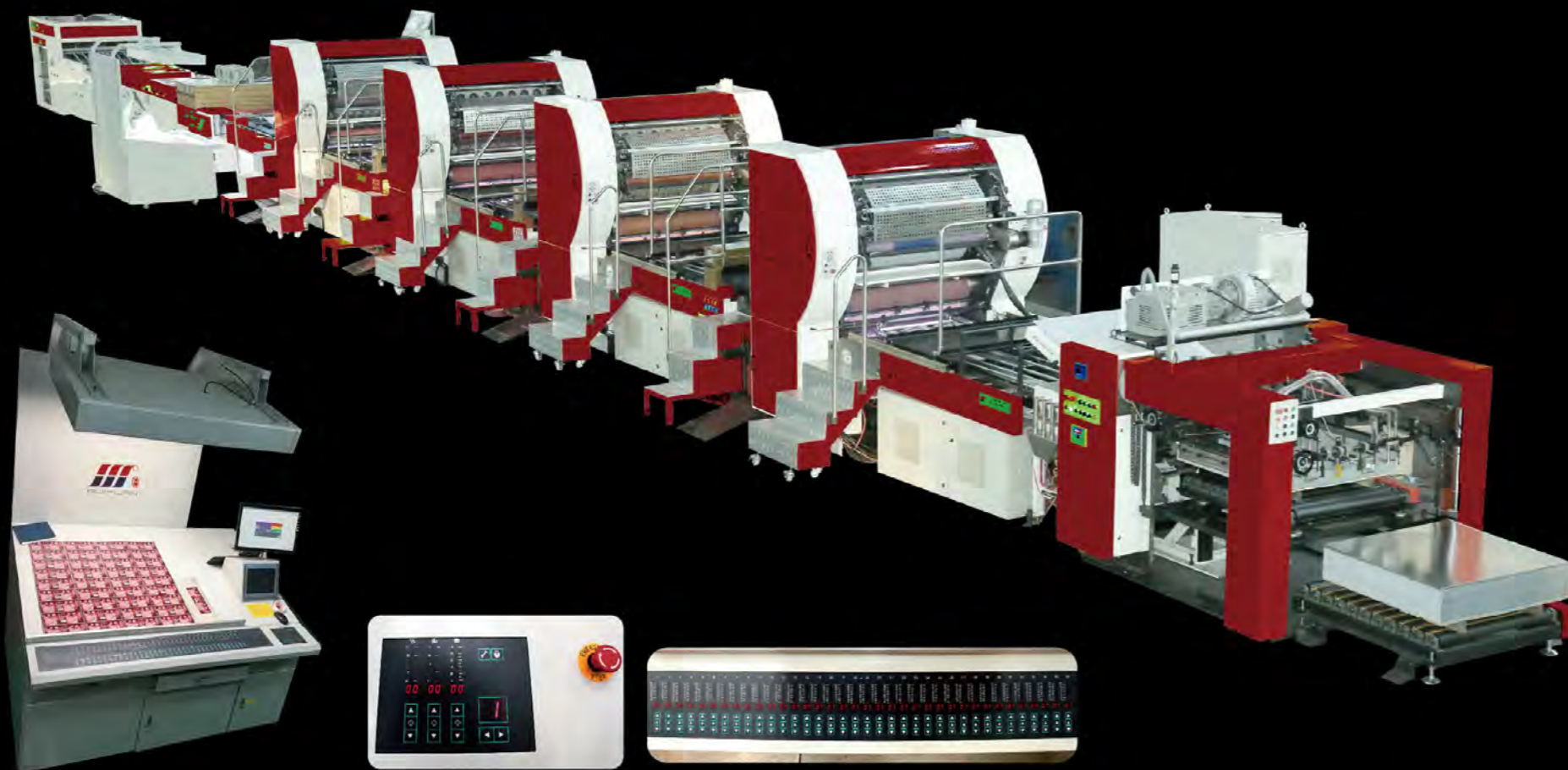
453 SERIAL SMART, EFFICIENT, ECOLOGICAL



智能453系列 SMART 453 SERIAL

自动调墨与洗墨

AUTOMATIC INKING & WASHING UP



自动调墨

根据印品颜色要求，在控制台通过控墨键远程遥控36个墨区的墨量大小和墨层厚度。墨层厚度也可通过CIP3数据导入自动调整。

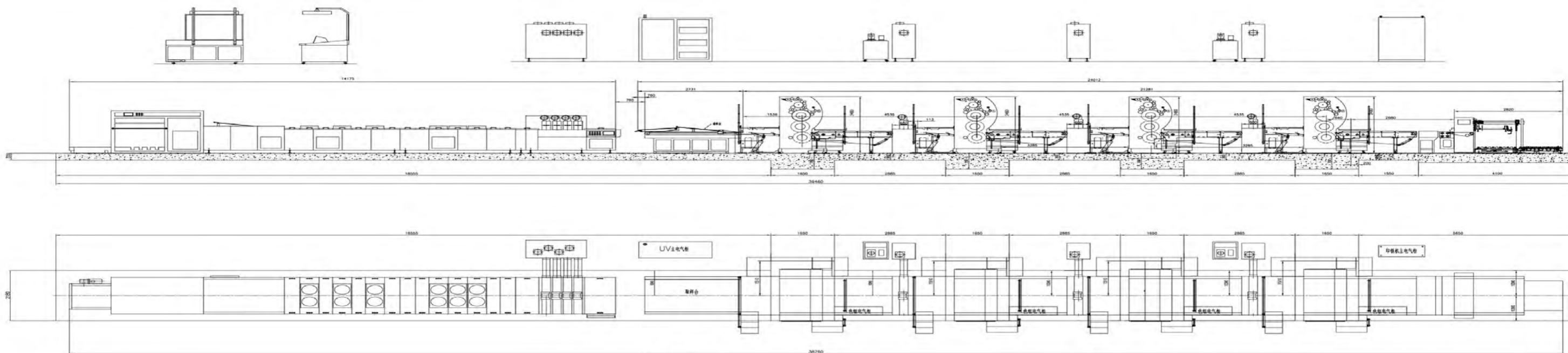
INKPRO-I Remote control inking system performs on the console with manual control of ink quantity and ink layer thickness ranging in 36 ink color sections or auto thickness presetting via CIP3 data.



自动洗墨

自动洗墨装置由洗墨箱、洗墨刀、喷头组成，用于自动清洗墨。减少印刷辅助时间和劳动强度。

Auto ink roller washing device is composed of ink washing tank, washing blade and sprayer. It enables automatic washing for the ink roller to alleviate make-ready and work force.



453系列 智能、高效、绿色
453 SERIAL SMART, EFFICIENT, ECOLOGICAL



从您的需求出发
Customized Options



铝片吹风装置
Aluminum Sheet Feeding Blower



片材预热装置
Moisture Ejector



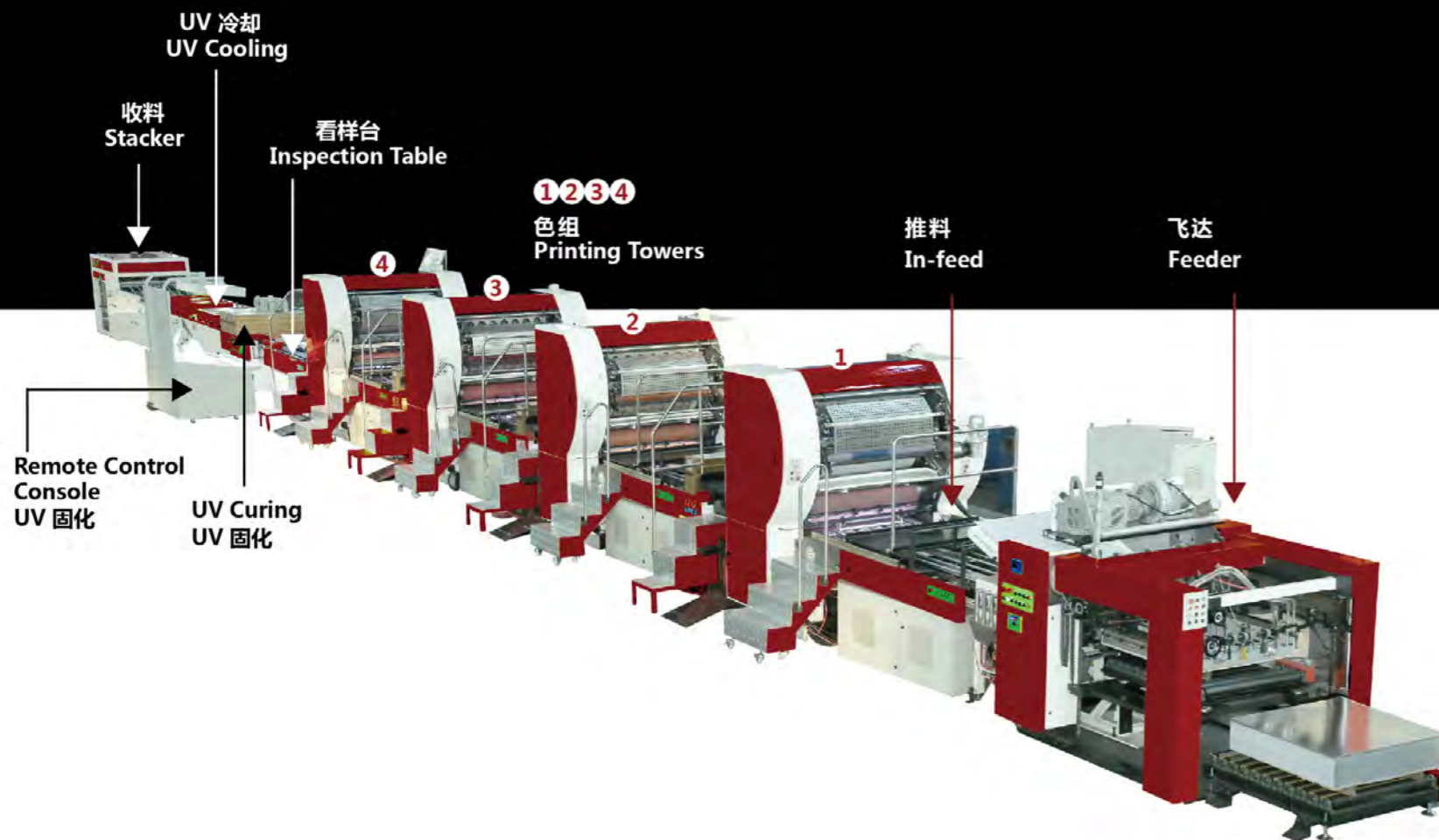
波纹侧规
Scroll Side Lay



自动润滑
Automatic Lubrication



油墨恒温
Ink Temperature Control



453系列选配
Options of 453 Series

- 片材预热装置 Moisture Ejector
- 铝片吹风装置 Aluminum Sheet Feeding Blower
- 电网电压变化 Grid Voltage Change From 380V 50Hz 3Phases

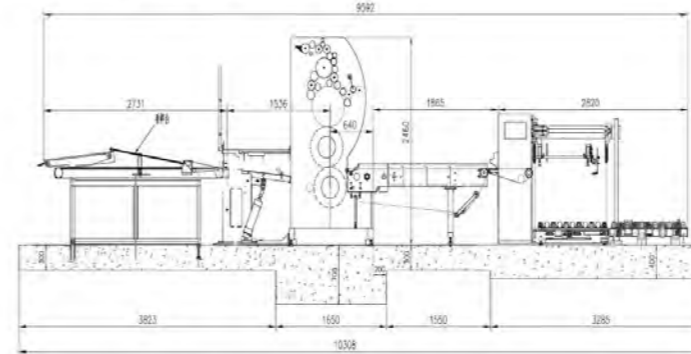
452系列 平稳、精准
452 Serial STABLE, PRECISE



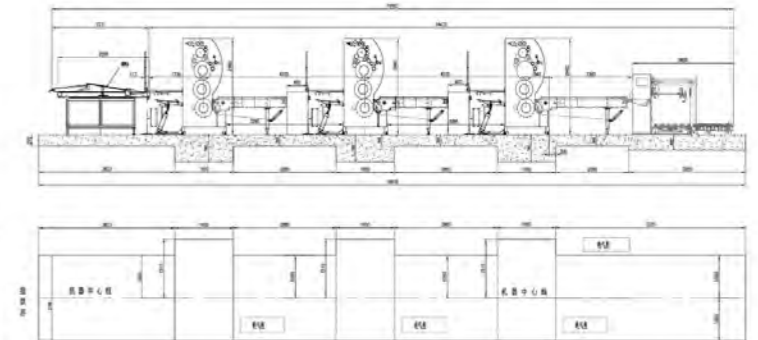
RYYT1452, 2452, 3452 单色、双色、三色印铁机参数 1-COLOR, 2-COLOR, 3-COLOR METEAL PRESSES TECHNICAL DATA

Technical Specifications	RYYT1452W	RYYT2452W	RYYT3452W
最大金属板尺寸Maximum sheet size	1145×950mm	1145×950mm	1145×950mm
最小金属板尺寸Minimum sheet size standard	712×510mm	712×510mm	712×510mm
金属板厚度范围Sheet thickness standard	0.15-0.4mm	0.15-0.4mm	0.15-0.4mm
最大印刷面积Maximum printing area	1135×945mm	1135×945mm	1135×945mm
印版尺寸Size of printing plate	1160×1040×0.3mm	1160×1040×0.3mm	1160×1040×0.3mm
胶皮布尺寸Size of pre-bar blanket	1175×1135×1.9mm	1175×1135×1.9mm	1175×1135×1.9mm
叼口白边Gripper margin	3-5mm	3-5mm	3-5mm
最高速度Max. mechanical speed	5000张/小时 (sheets/h) 最高印刷速度主要根据实际印刷条件和片材确定。 Maximum printing speed depending upon printing shop conditions and ingoing material quality.		
输送线高度Height of infeed table	916mm	916mm	916mm
最大堆料量Maximum weight of feeder pile	2.0 吨 (ton)	2.0 吨 (ton)	2.0 吨 (ton)
主电机功率Main motor power	15KW	15KW+15KW	15KW+15KW+15KW
风泵吸排量Capacity of air pump	80+100立方米/小时 (m³/hr)	80+100立方米/小时 (m³/hr)	80+100立方米/小时 (m³/hr)
机器长×宽×高(不含看样台) Dimensions of machine(LxWxH)	6850×3700×2460mm Length without inspection table	10750×3700×2460mm Length without inspection table	14750×3700×2460mm Length without inspection table
耗电量 Total connected load of machine without dryers	36KW	56KW	76KW
气缸工作压力 Running pressuring of air cylinder		0.6-0.8MPa	
用气量 Compressed air		>140m³/h	

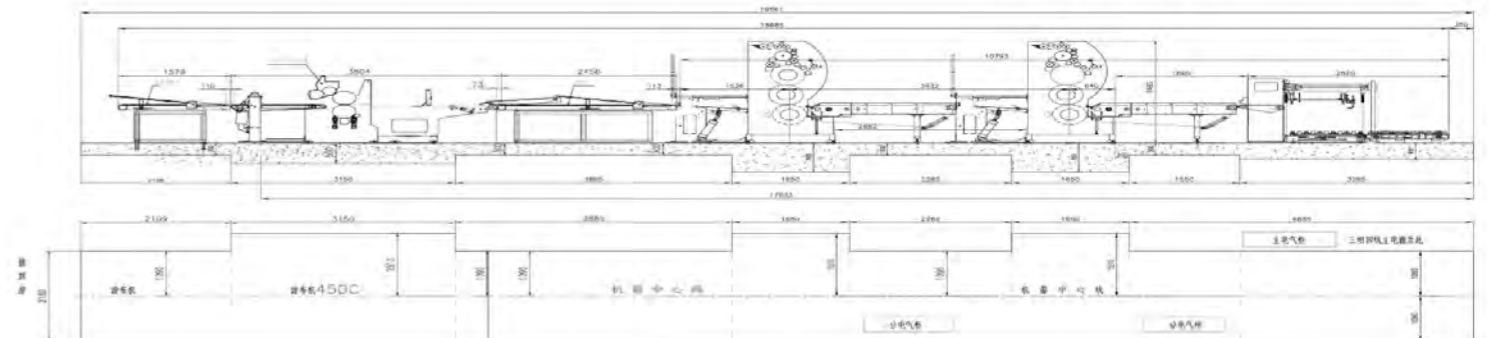
地基图 LAYOOT



RYYT1452W单色金属板胶印机+看样台地基图(标配)
1-Color Press + Inspection Table



RYYT3452W三色金属板胶印机+UV+看样台地基图
3-Color Press +UV + Inspection Table



RYYT2452W双色金属板胶印机+上光机+看样台
2-Color Press+Varnish+Inspection Table



料台电动调节机构
Electric Stack Adjustment Mechanism



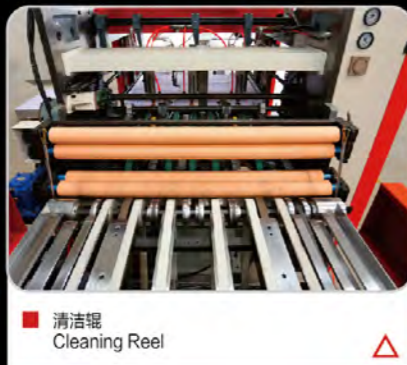
电动进料
Electrical Sheet Roller



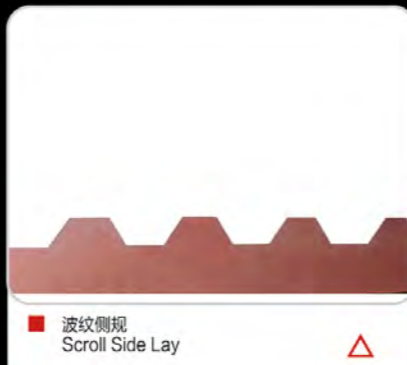
料台无铁皮感应装置(飞达)
Feeder Empty Sheet Sensor



铝片吹风装置
Aluminum Sheet Feeding Blower



清洁辊
Cleaning Reel



波纹侧规
Scroll Side Lay



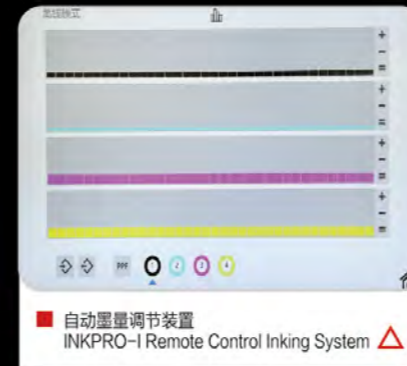
片材预热装置
Moisture Ejector



推料自动调节系统
Auto Pusher Sheet Size Adjustment



等牙电动调节
Gripper Lay Remote Control Device



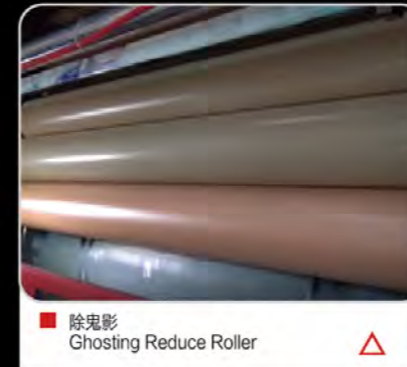
自动墨量调节装置
INKPRO-I Remote Control Inking System



防酒精乳化风扇
Anti-Emulsification Fan



前后色差调节装置
Electromagnetic Clutch Formula Oscillate Position Switching System



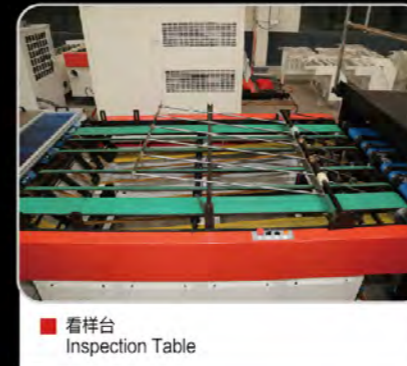
除鬼影
Ghosting Reduce Roller



自动洗墨装置
Auto ink Roller Washing Device



酒精润版
Alcohol Damping System



看样台
Inspection Table



快速装橡皮布
Aluminum Blanket Bar



打孔机
Printing Plate Puncher



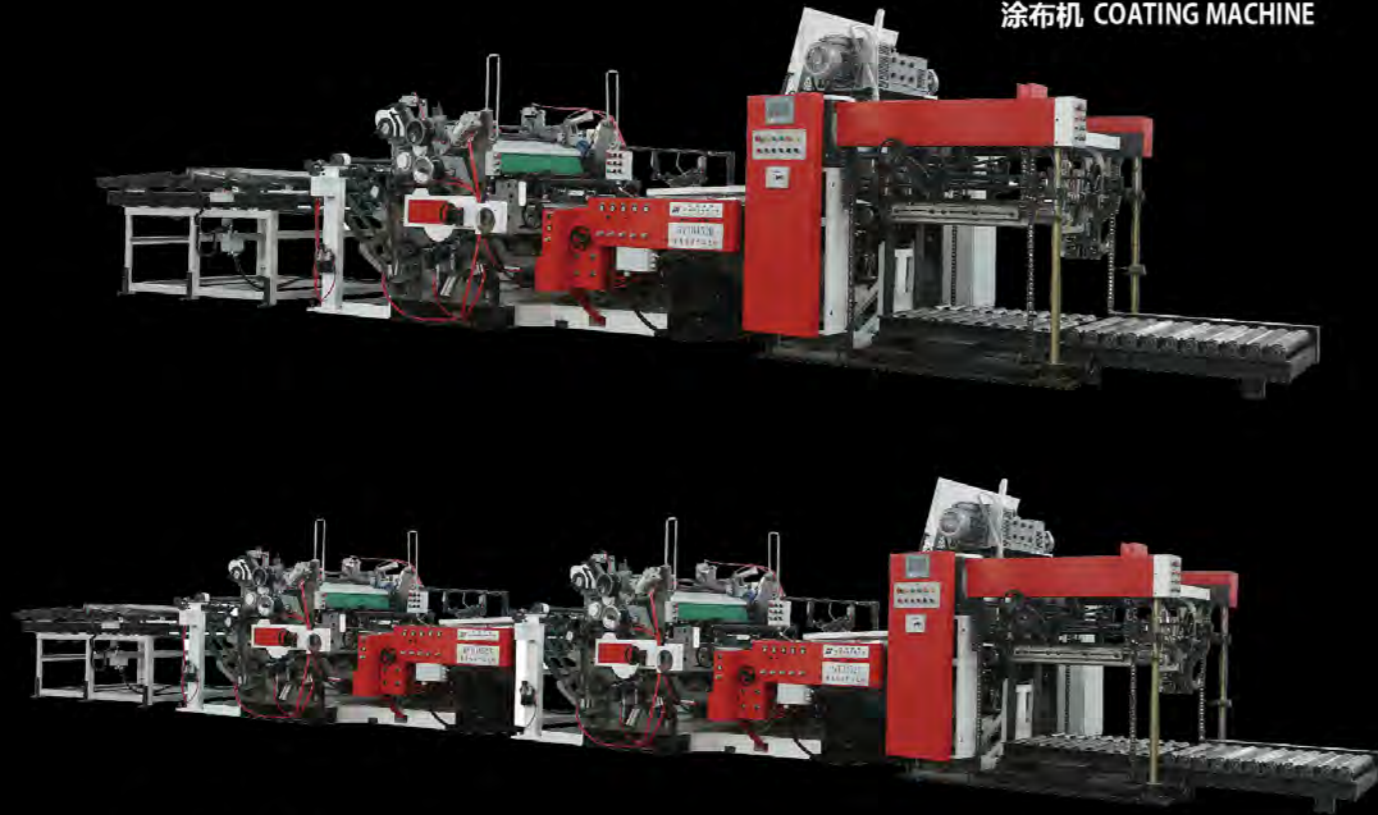
电柜
Electrical Cabinet

另有选配 Other Options:

- 磁性防划伤装置 Anti-Back-Scratch Device
- 电网电压变化 Grid Voltage Change ▲

- 453标配 STANDARD
- 453选配 OPTIONAL
- ▲ 452选配 OPTIONAL

RYTB452B 涂布机 COATING MACHINE



特点 HIGHLIGHTS

高效 / Cost Efficiency



采用单刮刀和双刮刀两种工作模式，客户可根据实际情况进行选择，节约生产成本
Users can switch between single (steel blade) and second blade (nylon blade) modes subject to demands for best evenness and cost saving.



气缸调节橡胶滚筒拆装的旋钮，拆装方便2-5分钟即可完成操作
Rubber-coated cylinders controlled with air clutch easily finish installing and dismantling within 2-5 minutes.



气动隔膜泵输送涂料，消除了安全隐患，提高了使用寿命，方便了操作。
Pneumatic diaphragm pump is applied to extend use of life with higher security and easier operation.

高效 / Easy Operation



电动飞达，便于操作
Motorized feeder allows easy operation.



一侧手柄可调节两边橡胶辊和底辊间隙，进铁厚度
Hand wheels on one side allow synchronized adjustment of sheet thickness.



气缸控制橡皮滚筒的拆装、橡胶辊和底辊压力。
Installation and dismantle of rubber-coated cylinder Side lay registration Scrapper blade pressure Pressure between coating and impression cylinders

精准 / High Precision



涂料辊和压力辊由单独电机控制
452B Coating and pressure rollers are controlled individually by the motors.



油辊的特殊磨削工艺保证涂层均匀、节省涂料。
Coating and pressure cylinders with special grinding process boosts excellently smooth coating layer and leads to lacquer saving.



单一定位推头由电磁离合器在操作侧调节
pusher head controlled with electrical magnetic clutch permits fine registration on operation side.

RYTB2452B 涂布机 COATING MACHINE

瑞源452B系列涂布机广泛适用于马口铁、铝材等金属片材的涂布和上光。本产品可满足各种要求，不仅单独进行内外层涂布使用，而且能够与印铁机连线使用。

本机具有精度高、用途广，使用寿命长的显著特点。

- 高精度横竖留空涂布确保印品质量
- 特殊双刮刀结构大大节省成本
- 严谨加工工艺和材质保证使用寿命
- 不仅广泛使用于传统溶剂型、水溶性涂料也能与特殊UV涂料配合使用具有良好的前景。

RYTB452B serial coating machine is suitable for tinplate, aluminum and other metal coating and varnish. This equipment is available not only as a free-standing coating machine with automatic feeder for interior and exterior coating but also as an inline coater with printing press for varnishing.

- This machine features in high precision, versatile applications and extended long service life.
- Accurate cross and longitudinal stenciling guarantees ultimate spot coating quality
- Double-scrapper structure dramatically raise cost efficiency
- Rigid manufacturing along with high quality material extends service life
- Compatible applications between conventional solvent and water based lacquers and potentially demanding UV lacquer.

技术参数 TECHNICAL SPECIFICATIONS

Technical Specifications	RYTB452B	RYTB2452B
最大涂印速度Max. coating speed	6000张/小时 sheets/hr	6000张/小时 sheets/hr
最大铁片Max. size of sheet	1145×950mm	1145×950mm
最小铁片Min. size of sheet	712×508mm	712×508mm
涂印金属板厚度 Thickness of the metal plate	0.15-0.5mm	0.15-0.5mm
输送线高度 Height of feeding line	916mm	916mm
橡胶辊尺寸 Rubber-coating roller (composition)	324~339 (满涂时 while plain coated)、 329±0.5 (留空涂料 while Spot coated)	324~339 (满涂时 while plain coating)、 329±0.5 (留空涂料 while Spot coating)
橡胶辊长度 Length of rubber roller	1145mm	1145mm
涂料辊 Distributor Roller	φ220×1145mm	φ220×1145mm
压力辊 Duct Roller	φ200×1145mm	φ200×1145mm
风泵吸排量 Capacity of air pump	80+100立方米/小时 (m³/hr)	80+100立方米/小时 (m³/hr)
主电机功率 Power of main motor	11KW	11KW
机器外形尺寸 Dimension of press(L×W×H)	7195×2200×1936mm	14195×2200×1936mm



技术参数 TECHNICAL SPECIFICATIONS

技术参数 Technical Specifications	27M	30M	33M
最大速度Max.speed	6000张/小时 (sheets/hr)	6000张/小时 (sheets/hr)	6000张/小时 (sheets/hr)
最高工作温度Max. oven working temp.	230 °C	230 °C	230 °C
烘室长度The length of oven	27 m	30 m	33 m
设备总长The total length of equipment	42.95 m	45.95 m	48.95 m
恒温区烘干时间: Time for sheets baking in baking zone			
1. 速度4800张/小时	10分钟Speed of 4800 sheets/hr, 10 minute	11分钟Speed of 4800 sheets/hr, 11 minute	12分钟Speed of 4800 sheets/hr, 12 minute
2. 速度5100张/小时	9.4分钟Speed of 5100 sheets/hr, 9.4 minute	10.3分钟Speed of 5100 sheets/hr, 10.3minute	11.3分钟Speed of 5100 sheets/hr, 11.3minute
3. 速度5400张/小时	8.9分钟Speed of 5400 sheets/hr, 8.9 minute	9.8分钟Speed of 5400 sheets/hr, 9.8 minute	10.7分钟Speed of 5400 sheets/hr, 10.7 minute
4. 速度6000张/小时	8分钟Speed of 6000 sheets/hr, 8 minute	8.8分钟Speed of 6000 sheets/hr, 8.8 minute	9.6分钟Speed of 6000 sheets/hr, 9.6 minute
最大金属板尺寸Max. size of metal sheet	1143×965mm	1143×965mm	1143×965mm
最小金属板尺寸Min. size of metal sheet	710×508mm	710×508mm	710×508mm
金属板厚度范围Thickness of metal sheet	0.15-0.4mm	0.15-0.4mm	0.15-0.4mm
能源 Fuel	燃气LPG	燃气LPG	燃气LPG
冷却区Cooling zone	4.66 m	6.96 m	6.96 m
加热室数量Quantities of heating chamber	2	2	2
冷却送风能力Cooling zone air intake volume	50000 m³/hr	50000 m³/hr	50000 m³/hr
冷却排风能力Cooling zone air outlet volume	55000 m³/hr	55000 m³/hr	55000 m³/hr
新鲜空气补充: 最大不超过Air supply: not exceed	4500 m³/hr	4500 m³/hr	4500 m³/hr
废气前排风量Front exhaust air volume	about 10000 m³/hr	about 10000 m³/hr	about 10000 m³/hr
废气后排风量Rear exhaust air volume	about 4000 m³/hr	about 4000 m³/hr	about 4000 m³/hr
总装机容量Total power consumption	about 58.1kw	about 64.1kw	About 75.1kw



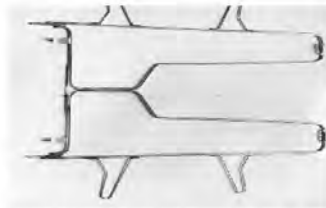
烘房本体保温使用多层专利结构, 烘房墙板采用三层绝热, 顶底板采用两层隔热结构; 减少能源消耗
Multi-layer structure wall board for less energy consumptions is offered with extra thicker boards within 150mm-220mm: 2-layer for top and bottom plate and 3-layer for oven body.



烘房花架输送链使用高强度链条, 每米增加到5只滚轮, 滚轮使用我公司专利产品: 耐磨无粉尘专用涂轮.
Wickets conveyor using high strength chain, the roller (patented product) increased to 5pcs/meter; it has high wear resistance and dust-free.



防支架伤, 特氟龙卡式小轮
Teflon wheel prevents sheet scratched by the wicket.



选用空心管花架, 更稳定减少花架的吸热
Wickets are coated with chrome. (Three times are nickels processing and last one is coated with chrome) and hollow structured to facilitate more stable transmission and heat absorb.



前伺服
front servo



后伺服
rear servo

UV DRYER 固化系统

Technical specifications 技术参数

光固化主机 UV Curing unit	Technical Data
机器尺寸(毫米) Machine Dimensions (mm)	2610X1680X1600
最高速度(张/分) Max. Speed (sheet/min)	90
适应铁皮最大宽度(毫米) Max. Tinplate Width (mm)	1200
装机功率 Main Power	50HZ, 85KW



Configurations 配置

Configurations 配置	Standard 标准	Optional 选配
光固化主机 servo stacker	✓	
收料机 Stacker	✓	
收料机带收料轨道 Receiving machine Stacker Electrical Sheet Roller		0
检视台 Review stage		0
伺服收料机(两用)带收料轨道 Stacker with dual Purpose electrical sheet roller		0

收料机 Stacker	Technical Data
机器尺寸(毫米) Machine Dimensions (mm)	1680X1640X1550
最高速度(张/分) Max. Speed (sheet/min)	100
适应铁皮最大宽度(毫米) Max. Tinplate Width (mm)	1200
装机功率 Main Power	50HZ, 3KW



UV 涂布机
UV COATING MACHINE

工艺项目 ITEMS	热固化 IR CURING	UV光固化 UV CURING
固化速度 Curing Speed	10-15min	8-10sec
VOCS排放 VOS Emission	挥发性溶剂含量40-50% Volatile Content	零排放, 挥发性物质含量约2% 0 Emission, Volatile Content 2% approx
能耗 Energy Exhaust	整线功率600-800KW Whole Line	整线功率:250-300KW Whole Line
设备投资 Equipment Investment	烘房投资昂贵 Large investment on Oven	节约20~30% Cost saving 20~30%
占地面积 Space	烘房投资昂贵 Large investment on Oven	设备全长:40m Whole Line
辅助设备 Auxiliary Equipment	需要 大型空气处理设备 Incinerator requested	不需要 大型空气处理设备 No request

理化指标 INDEX ITEMS	传统涂料CONVENTIONAL LACQUER	UV白可丁涂料 UV WHITE LACQUER
外观 OUTLOOK	流平佳 GOOD LEVELING	流平佳, 高丰满度 GOOD LEVELING, HIGH SATURATION
固含量 SOLID CONTENT	40-60%	98-100%
粘度 (25℃涂4杯) VISICOSITY	90-100S	70-80S
柔韧性 (杯凸仪0.2MM/S, 5MM) FLEXIBILITY	无破损, 无锈斑 NO RUST OR DAMAGE	无破损, 无锈斑 NO RUST OR DAMAGE
耐蒸煮 (121°/30MIN) TEMPERATURE TOLERANCE	不起泡, 无剥落 NO BLISTER OR FLAKE	不起泡, 无剥落 NO BLISTER OR FLAKE
冲压 (85cm, 1KG) PUNCHING PRESSURE		不开裂 NO SPLIT
叠压 (8T/m) OVERLAPPING PRESSURE	24小时不黏连 NO ADHESION WITHIN 24HRS	24小时不黏连 NO ADHESION WITHIN 24HRS



金属专用UV白可丁涂料与传统工艺的区别和优势
COMPARISON BETWEEN CONVENTIONAL
AND UV WHITE COATING LACQUERS

UV辐射形生产线特性: 整体系统集成控制形式,
多光谱、环保、高效、节能、同时提高产品性能的固化方式。
THE NEW CURING APPROACH FEATURES:
INTEGRATED SYSTEM CONTROL
HIGH EFFICIENT AND MORE COST SAVING

丰富的产品经验, 广泛的市场认可
Extensive Customer Satisfactions
500+ Lines Installed Worldwide



巴西 BRAZIL



廊坊华德



上海恒余
RYYT4453W User in Shanghai



英国 UK



宝钢 BAO STEEL, CHINA



蓝美



希腊 GREECE