



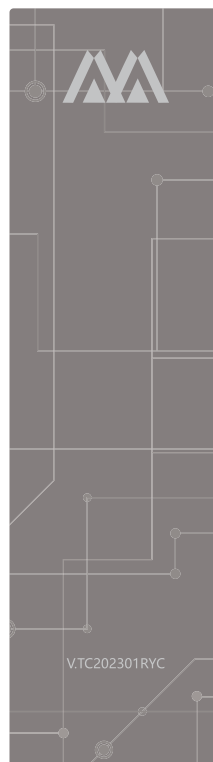
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# 日用瓷

## TABLEWARES

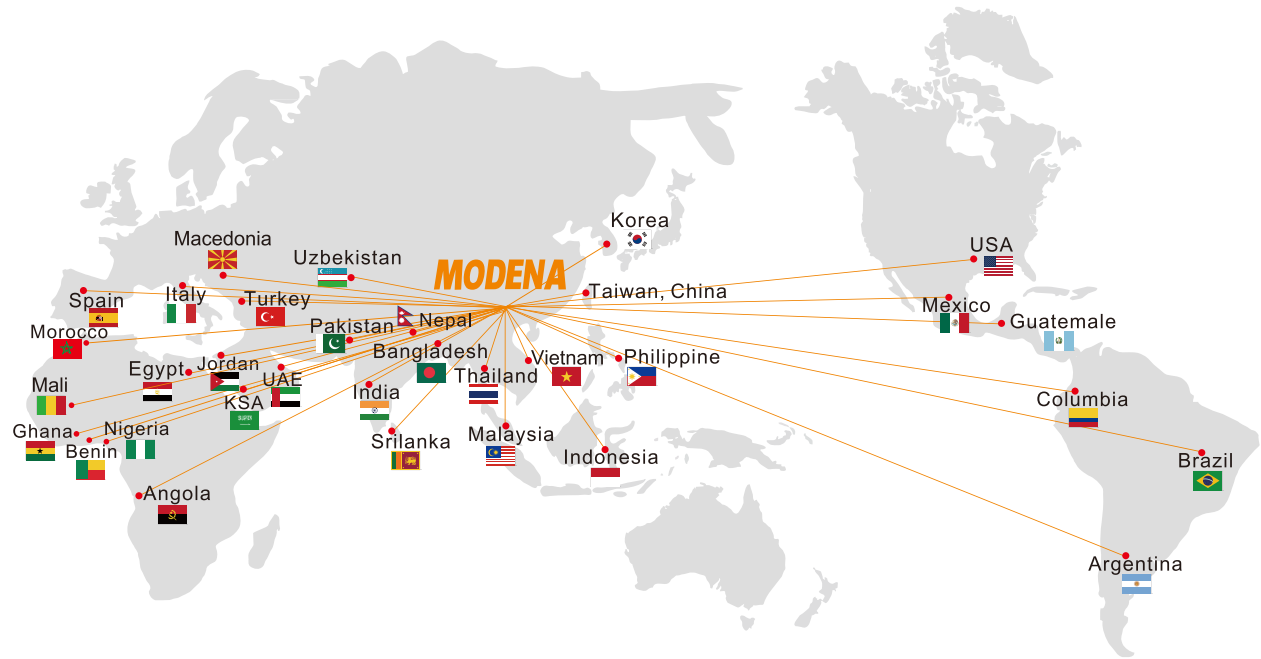
国家高新技术企业  
欧盟CE安全认证  
中国窑炉协会理事长单位  
National High-Tech Enterprise  
CE Safety Certificate of European Union  
Presidential Unit of China Kiln Association



广东摩德娜科技股份有限公司  
MODENA TECHNOLOGY LIMITED

# 来自世界各地的肯定

## APPROVAL FROM ALL OVER THE WORLD



## 炉火纯青 Mastered Fire Engineered Excellence

自成立以来，摩登娜已为海内外市场客户提供了过千条陶瓷生产线，均得到了客户的认可。数字还在继续增加中.....

More than 1,000 production lines have been successfully supplied by Modena in both domestic and overseas market and approved by the customers. And the counting still goes on ... ..







广东摩德娜科技股份有限公司（原佛山市摩德娜机械有限公司，以下简称“公司”）成立于2003年，是一家专业从事陶瓷机械设备研发、生产、销售和售后服务的高新技术企业。摩德娜是中国领先的陶瓷生产整厂设备供应商，以干燥和烧成设备为核心，同时配套施釉输送设备，带动整线成套陶瓷生产装备出口。产品除了销往全国中高端市场外，还远销印度、越南、美国、泰国、韩国、台湾地区、印尼、马来西亚、孟加拉国、巴基斯坦、土耳其、沙特阿拉伯、尼泊尔、约旦、加纳、阿联酋、埃及、墨西哥、哥伦比亚等国家和地区；为中国陶瓷机械，尤其是烧成设备在国际市场上赢得了良好的品牌和声誉，连续多年成为中国最大的窑炉和陶瓷整线生产装备出口企业。

公司国际化的专业队伍、先进的核心技术、良好的运作管理和服务、高性价比的产品，在国际市场上具有很强的竞争能力。公司始终不忘企业和社会中的责任，一直以节能减排、绿色环保为发展方向，通过节能减排技术推动行业发展和产业升级，努力推动中国陶机走向国际市场，成为世界一流的节能环保建材成套装备企业。



新兴生产基地

MODENA XINXING MANUFACTURE CENTER WITH MORE THAN 9.3 HECTARE AREA  
位于广东省云浮市新兴县新成工业园，占地约140亩

Modena Technology Limited (formerly Foshan City Modena Machinery Co., Ltd.) was founded in 2003 as a high-tech enterprise specializing in the R&D, manufacturing, sales and after-sale service of ceramic machinery and equipment. Being a leading supplier of ceramic kilns in China, our main products include drying and firing equipment, with the glazing and conveying equipment as supporting products, both of which have promoted the exports of complete plants for ceramic manufacturing. Besides the domestic middle & high-end markets, Modena also exports its products to India, Vietnam, the U.S., Thailand, Taiwan, Indonesia, Malaysia, Bangladesh, Pakistan, Turkey, Saudi Arabia, Nepal, Jordan, Ghana, the U.A.E, Egypt, Mexico, Colombia, etc. Thus we have won a reputable brand name in the international market for Chinese ceramic machinery, especially the firing equipment. We are the largest Chinese enterprise exporting kilns and complete plants for years.

The international and professional team equipped with advanced core technology, combined with excellent operational management and service as well as the cost-effective products have made Modena highly competitive in the international market. Modena has been focusing on the social responsibility, being energy-saving and green-oriented. We drive the industrial development and evolution by our energy-saving technology and we are committed to promote Chinese ceramic machinery in the international markets. Modena has now become a first-class company supplying energy-saving building materials outfits.





RAW 原料制备

MATERIAL

MODENA

BALL MILL

(1~5T) 球磨机

The ball mill can meet all the grinding requirements of the ceramic. The large ball mill is the ideal equipment of the ceramic materials, which is with the characteristics of easy start-up, low energy consumption and high quality.

该球磨机能满足各种陶瓷研磨的要求。大型球磨机更是制备陶瓷材料的理想设备，它具有易启动，能耗低，高品质的特点。

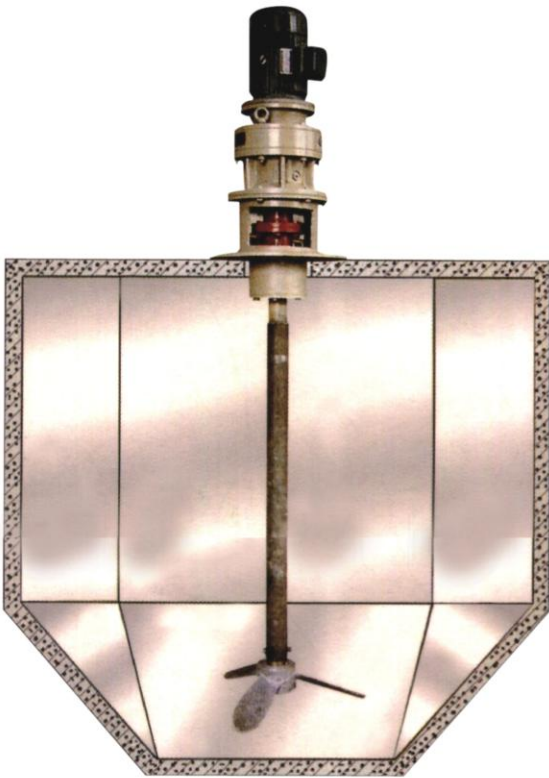


MODEL	1T	2T	3T	4T	5T
Ball cylinder size (diameter × length) 球磨机筒体尺寸（直径×长度）	Φ1600×1700mm	Φ1800×2100mm	Φ2076×2600mm	Φ2180×3200mm	2240×3400mm
Cylinder speed 筒体转速	29r/min	26r/min	18r/min	18r/min	16r/min
The electrical power 电机功率	18.5KW	22KW	37KW	45KW	55KW
Milling capacity (dry material) 球磨能力（干料）	1 t / time 1吨/次	2 t / time 2吨/次	3 t / time 3吨/次	4 t / time 4吨/次	5 t / time 5吨/次
Effective sphere volume 有效球体体积	3400L	5300L	9000L	12000L	13400L
High alumina lining (92%) 高铝内衬（92%）	Thickness 60mm 厚度60mm	Thickness 60mm 厚度60mm	Thickness 60mm 厚度60mm	Thickness 60mm 厚度60mm	Thickness 60mm 厚度60mm
Start model 启动方式	Star delta starter 星三角启动	Star delta starter 星三角启动	Star delta starter 星三角启动	Star delta starter 星三角启动	Star delta starter 星三角启动

FLAT STIRRER 搅拌机

The main function of the stirrer is mixing the slip and deliquescence of the batch.

主要用于搅拌和溶解泥浆。



MODENA

MODEL	TJ40	TJ50	TJ60	TJ90
Volume of slip tank 搅拌罐容量	40m³	50m³	60m³	90m³
Dia(mm) 直径	4000mm	4500mm	5000mm	6000mm
Specification of slip tank 搅拌罐规格	φ4000 x 3200	φ4500 x 3200	φ5000 x 3200	φ6000 x 3200
Planet cycloid reduction motor 针摆线减速电机	XLD5-121	XLD5-121	XLD5-187	XLD5-187
Connecting form of motor 电机连接方式	Connect directly 直接连接			
Power 功率	7.5kw	7.5kw	11kw	11kw
The batch NO. of reducer stand 减速机型号	5	5	6	6
Rotate of deceleration 减速旋转	1:121	1:121	1:187	1:187
Rotate speed of input 输入旋转速度	1450r/min	1450r/min	1450r/min	1450r/min
Rotate speed of output 输出旋转速度	12	12	7.75	7.75
The length of stirring arm(L) 搅拌叶长度	1400~1500mm	1400~1500mm	1400~1500mm	2800mm
The quantity of stirring arm 搅拌叶数量	2 Groups	2 Groups	2 Groups	2 Groups
The pitch between stirring arm(H) 搅拌叶距离	1000mm	1000mm	1000mm	1200mm
Dia of Stirring axis 搅拌轴的直径	90mm	102mm	102mm	127mm
Slip tank depth(H) 搅拌罐深度	3200mm	3200mm	3200mm	3200mm



PISTON PUMP

柱塞泵

该柱塞泵由双缸液压驱动，并具有双重功能。采用氧化铝陶瓷柱塞和稳定的密封式设计，可靠，低噪声，高压，体积小，重量轻，易于安装和维护，并且经久耐用。该柱塞泵已有六个系列YB85, YB110, YB120, YB140, YB200, YB250,和超过20多种标准款式。流量范围为0.1立方米/小时到35立方米/小时,压力泵最高的大气压力为2.5MPa，额定压力为2.0 MPa。低压泵最低压力是1.0MPa。压力和上述所有的流量可适配：高压大流量的大喷雾塔，低压小流量的小喷雾塔，低压大流量的放电支路，中压力中流量（配备过滤器）等，这些泵均可满足不同的要求。

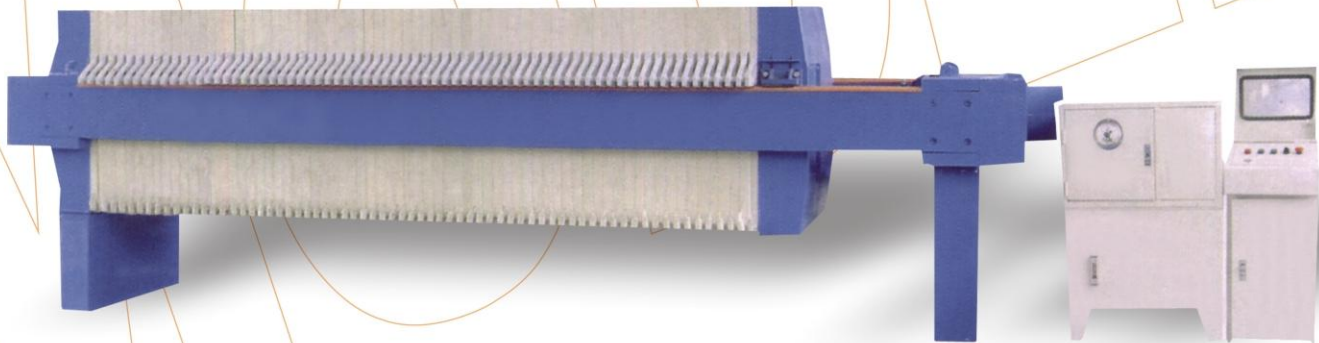
Piston Pump, which is a double-function equipment with hydraulic driving of double cylinders, adopts the porcelain alumina plunger and the sealed design with the characteristics of stability, reliability, low-noise, high-pressure, small volume, low weight, easy installation and maintenance, with long lifetime. Piston Pump has YB85, YB110, YB120, YB140, YB200, YB250 total six series with more than 20 kinds of standards. The flux can be ranged from 0.1m³/h to 35m³/h .The highest pressure of the atmospheric pressure pump is 2.5Mpa and the rated pressure is 2.0 Mpa, the pressure of the low-pressure pump is 1.0 Mpa.The pressure and the flux of all the above pumps can be assembled as the high-pressure with large flux(mated with the big spray dryer), the high-pressure with small flux(mated with the small spray dryer), the low-pressure with large flux(discharging the slip), the middle pressure with middle flux (mated with the press filter)etc. All these pumps can meet different requirements.



MODEL	Flow Quantity (m3/h) 流量	Pressure (Mpa) 压力	Motor Power (KW) 电机功率	N. W (kg) 净重	Overall Size LxWxH (mm) 总体尺寸
YB85-0.1~0.4	0.1 , 0.4	2.0	1.5	420	1215 x 850 x 150
YB85-0.6~0.9	0.6 , 0.9	2.0	2.2/3		
YB85-1.5~2.8	1.5 , 1.8, 2.8	2.0	4		
YB110-2.8~3.8	2.8 , 3.8	2.0	4/5.5	800	1215 x 850 x 1500
YB110-5.5	5.5	2.0	7.5	830	
YB120-6.1~7.1	6.1 , 7.1	1.0	11	850	
YB140B-10	10/2	2.0	11	870	1600 x 1120 x 1900
YB140D-10	10	2.0	11	900	
YB140-10~13	10 , 13	2.0	15	950	
YB200-15~19	15 , 19	2.0	18.5	1200	1670 x 1280 x 2100
YB200B-19	19/3	2.0	15	1200	
YB200-24	24	2.0	22	1250	
YB200D-19~24	19 , 24	1.0	15	1180	
YB250-25~35	25 , 28,35	1.0 2.0	15 22	1500	1950 x 1480 x 2250
YB250-35~45	35 , 40,45	2.0	30	2800	2130 x 1730 x 2100

XAZG / 800 -U FILTER PRESS

压滤机



TECHNICAL PARAMETER											
Filter area 过滤面积 (m²)	5	10	15	20	25	30	40	50	60	70*	80*
Thickness of cake 滤饼厚度 (mm)	30	30	30	30	30	30	30	30	30	30	30
Number of plates 滤板数量 (块)	3	9	13	19	23	29	39	49	59	69	79
Contents of filter chamber 滤室容积 (m³)	0.078	0.155	0.235	0.31	0.388	0.465	0.62	0.775	0.93	1.085	1.24
Weights of machine 整机重量 (kg)	1970	2160	2350	2590	2740	2930	3290	3670	4030	4390	4760
Dimension of foundation 地基尺寸 (mm)	1300	1675	1925	2300	2550	2925	3650	4275	4900	5525	6150
Length of mainframe 主机长度 (mm)	1980	2355	2605	2980	3230	3605	4330	4955	5580	6205	6830
Length of whole machine 整机长度 (mm)	3000	3375	3565	4000	4190	4625	5350	5975	6600	7225	7850

Note: \* with middle support  
注:带\*号的表示有中间支撑



STAINLESS STEEL VACUUM PUG MILL

不锈钢真空练泥机

FEATURES

The series of machines adopt three-axis type, The places in contact with clay are made from high-quality corrosion-resistant stainless steel (SUS316#). The mixing / squeezing system is precisely designed according to material balance principle, so as to ensure smooth charging, full mixing, reasonable squeezing, even density, high vacuum degree, strong plasticity and conformity to molding technique. The advantages are reasonable integral structure, strict control on quality of assembly, stable operation, low noises and long service life.

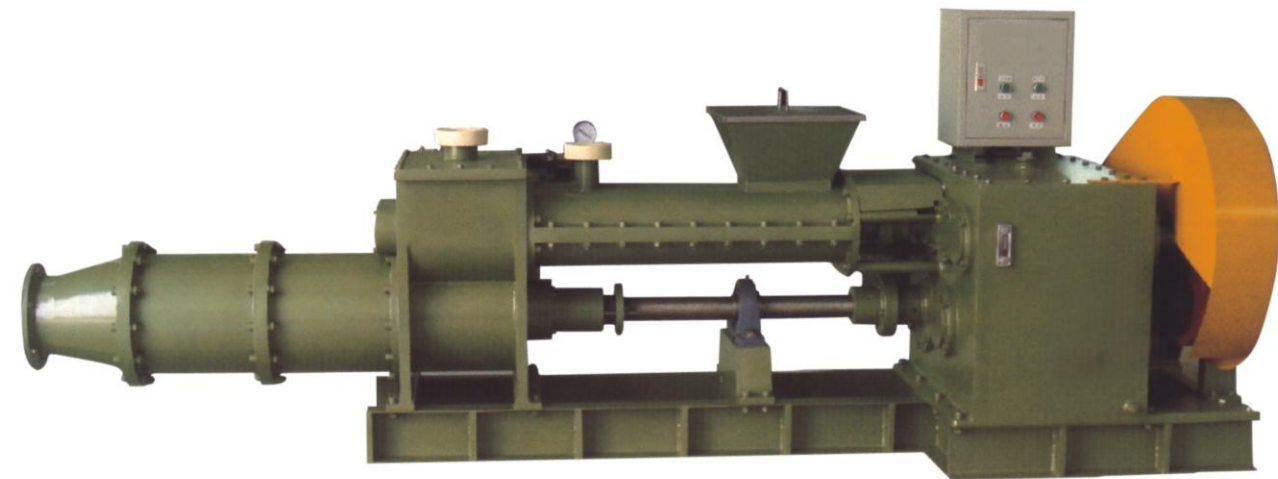
PURPOSES

The machine is applicable to production of full ceramic, semi ceramic and bone china.

**特点：**本系列机器为三轴式，与泥料接触地方为高质量耐磨耐蚀SUS316#不锈钢制作，搅拌、挤泥系统根据物料平衡原理精确计算设计，进料顺畅不堵泥，搅拌充分，挤压合理，确保泥条致密均匀，真空度高，可塑性强，符合成型工艺的要求；整机结构合理，制造装配均经严格质量控制，运转平稳噪声小，使用寿命长。

**用途：**本类机适用于全瓷土、半瓷土、骨瓷土类的练制。

MODEL	LN-10	LN-15	LN-20	LN-30
External Dimension(mm) 外型尺寸	L2700×W1250×H800	L2900×W1480×H1080	L3225×W1550×H1025	L3350×W1780×H1300
Pug Caliber(mm) 出泥口直径	Φ130	Φ180	Φ200	Φ230
Power(kw) 功率	10HP / 7.5KW	15HP / 11KW	20HP / 15KW	25HP / 18.75KW
Vacuum Pump 配合真空泵	2X—15	2X—15	H—25	H—25
Vacuum Pump Motor(kw) 真空泵电机	2HP / 1.5KW	2HP / 1.5KW	4HP / 3KW	4HP / 3KW
Production Capacity 产能	1.5T—2T/H	2T—2.5T/H	2.5T—3T/H	3T—3.5T/H



STAINLESS STEEL VACUUM PUG MILL

不锈钢真空练泥机

FEATURES

The series of machines adopt three-axis type, and the parts contacting with the pug are made of high-quality erosion-resistant SUS316# stainless steel. The mixing/extruding system is designed by precisely calculated based on material balance theory, which is smooth in feeding without jam, full in mixing and reasonable in extruding, thus ensuring solid and uniform pug strip, high-quality vacuum level and strong plasticity, and meeting the requirements for molding process. The whole machine is reasonable in structure, the production and assembly are under strict quality control, with stable operation, weak noise and long lifetime.

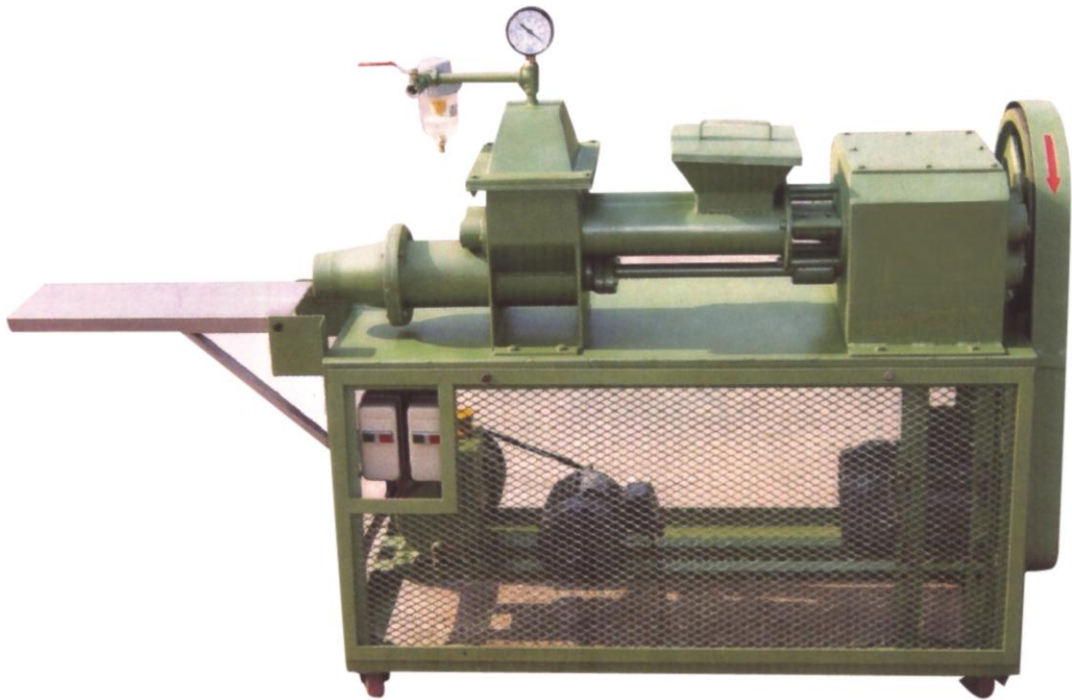
PURPOSES

The machine is used for squeezing and folding of such small-sized products as lab and basket ceramics or mugs and production of clay strips.

**特点：**本系列机器为三轴式，与泥料接触地方为高质量耐磨耐蚀SUS316#不锈钢制作。搅拌、挤泥系统根据物料平衡原理精确计算设计，进料顺畅不堵泥，搅拌充分，挤压合理，确保泥条致密均匀，真空度高，可塑性强，符合成型工艺的要求；整机结构合理，制造装配均经严格质量控制，运转平稳噪声小，使用寿命长。

**用途：**本类机适用于实验室、编制花篮类陶艺或马克杯等小件产品的滚压成型生产练制泥条。

MODEL	LN-02
External Dimension(mm) 外型尺寸	L2000×W620×H1300
Pug Caliber(mm) 出泥口直径	Φ80
Power(kw) 功率	2HP / 1.5KW
Vacuum Pump 配合真空泵	2X—4
Vacuum Pump Motor(kw) 真空泵电机	1HP / 0.75KW
Production Capacity 产能	200—350KG/H





# MOULD

模具

MODENA

## PLASTER DE-AIRING MIXER

石膏真空搅拌机

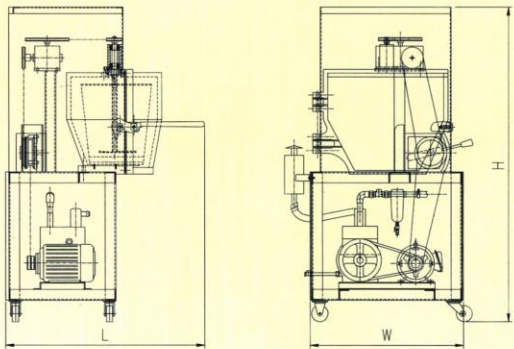
Degree of vacuum 真空度: -0.096MPa  
Production capacity 生产能力: 15~30L  
Installed power 功率: 1KW



## MOLD GRINDING MACHING

种模机(外圆修模机)

Speed adjustable 转速可调: 20~400R/MIN  
Installed power 功率: 0.75KW



MODEL	SG-30
External Dimension(mm) 外型尺寸	L950×W700×H1500
Total Power(kw) 总功率	1HP / 0.75KW
Vacuum Pump 配合真空泵	2X—4
Production Capacity 产能	30Kg/Cycle

## UNIVERSAL VACUUM PLASTER MIXING MACHINE

泛用型真空石膏搅拌机

### FEATURES

General plaster vacuum mixer can make calcium plaster with sound fluidity and low air content rapidly, enhancing the using times of the plaster mold and the smoothness of surfaces. The back room is made from cast aluminum with sound tightness. The machine is equipped with continuous variable transmission, timer and buzz alarm system, so as to conveniently adjust rotate speed of mixing blades and mixing time.

### PURPOSES

The series of machines are applicable for mixing various types of plaster as well as lowering air contents in the plaster.


**特点:** 泛用型石膏机, 能快速获得流动性好, 空气含量低的石膏浆, 增加石膏模的使用次数, 增强表面光洁度。密室采用铸铝加工制作, 密封性良好, 设有无级变速器, 计时器和蜂鸣报警系统, 可方便地调节搅拌叶片转速和搅拌时间。

**用途:** 本类机适用于各类石膏的搅拌及降低石膏内空气含量。



# MOLDING

成型



## MODENA

### ROLLER FORMER

滚压成型机

Production capacity: 2~8pcs/min  
生产能力: 2~8件/分

Installed power: 3~5kw  
功率: 3~5kw

# HYDRAULIC BAR-TYPE AUTO MOLDING MACHINE

液压直立式自动成型机

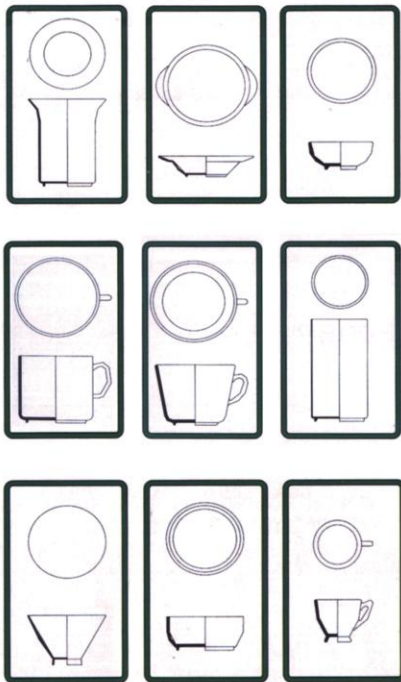
**FEATURES**  
This machine is controlled by PLC microcomputer. The velocity of upper and lower moulds can be adjusted. The operation is easy. The rail and all bearings, electric appliances and hydraulic components are all imported, ensuring the stability and high quality of the machine. Electric heaters and rolling head molds can be tailored based on customer's requirements.

**PURPOSES**  
This machine is applicable to forming of products including deep cup, big bowl and flower pots.

**特点:** 本机采用PLC微电脑控制, 上下模均可调速, 操作方便, 导轨及所有轴承、电器、液压元部件均为进口品牌, 确保整机的稳定性和高品质。可根据客户要求制作电热器和滚压头模具。

**用途:** 本机适用于深杯、大碗、花盆等产品的成型。

MODEL	ZL-280B	ZL-380Z
External Dimension(mm) 外型尺寸	L2200×W990×H2250	L2200×W990×H2250
Total Power(kw) 总功率	9HP / 6.75KW	9HP / 6.75KW
Maximal Molding Size(mm) 最大成型尺寸	Φ280(11")×H250	Φ380(15")×H400
Production Capacity 产能	120—300PCS/H	120—300PCS/H





## MODENA

### BODY GRINDING MACHINE

砂修坯机

Installed power: 1kw  
功率: 1kw



MECHANICAL SINGLE-HEAD OBLIQUE-ARM MOLDING MACHINE 机械单头斜臂式成型机

FEATURES

The series machines form with cam braking mold head, which is precies and reliable in forming action, easy in operation, maintenance care, and long in lifetime.

PURPOSES

This machine is applicable to mold bowl/dish/cup automatically, which is always combined with basket drying line into semi-auto production line.

特点：本类机使用凸轮制动模头成型，成型动作精确可靠，操作、维修、保养维护方便，使用寿命长。

用途：本类机适用于碗、盘、杯自动成型，常与吊篮烘干线组合成半自动生产线。

NAME 品名	STANDARD MECHANICAL SINGLE - HEAD OBLIQUE-ARM MOLDING MACHINE 机械单头斜臂标准型成型机	MULTIFUNCTIONAL MECHANICAL SINGLE HEAD OBLIQUE-ARM MOLDING MACHINE 机械单头斜臂多功能型成型机	EXTRA - HEAVY MECHANICAL SINGLE - HEAD OBLIQUE-ARM MOLDING MACHINE 机械单头斜臂加重型成型机
Model 型号	JDT-280B	JDT-280D	JDT-330Z
External Dimension(mm) 外型尺寸	L1400×W1300×H1700	L1400×W1300×H1700	L1400×W1550×H1700
Total Power(kw) 总功率	4HP / 3KW	4HP / 3KW	5HP / 3.75KW
Maximal Molding Size(mm) 最大成型尺寸	Φ280(11" )	Φ280(11" )	Φ330(13" )
Production Capacity 产能	200—360PCS / H	200—360PCS / H	150—300PCS / H
Remarks 备注	Speed adjustment by upper mold axis is continuously variable transmission and by pulley for lower mold for lower mold. 上模轴心采用无段变速器调速，下模采用皮带轮调速。	Speed adjustment by upper mold axis is continuously variable transmission and by pulley for lower mold, with displacement function for upper mold. 上模轴心采用无段变速器调速，下模采用皮带轮调速，上模有位移功能。	



MECHANICAL DOUBLE-HEAD OBLIQUE-ARM MOLDING MACHINE 机械双头斜臂式成型机

FEATURES

The series machines form with cam braking mold head, which is precies and reliable in forming action, easy in operation, maintenance care, and long in lifetime.

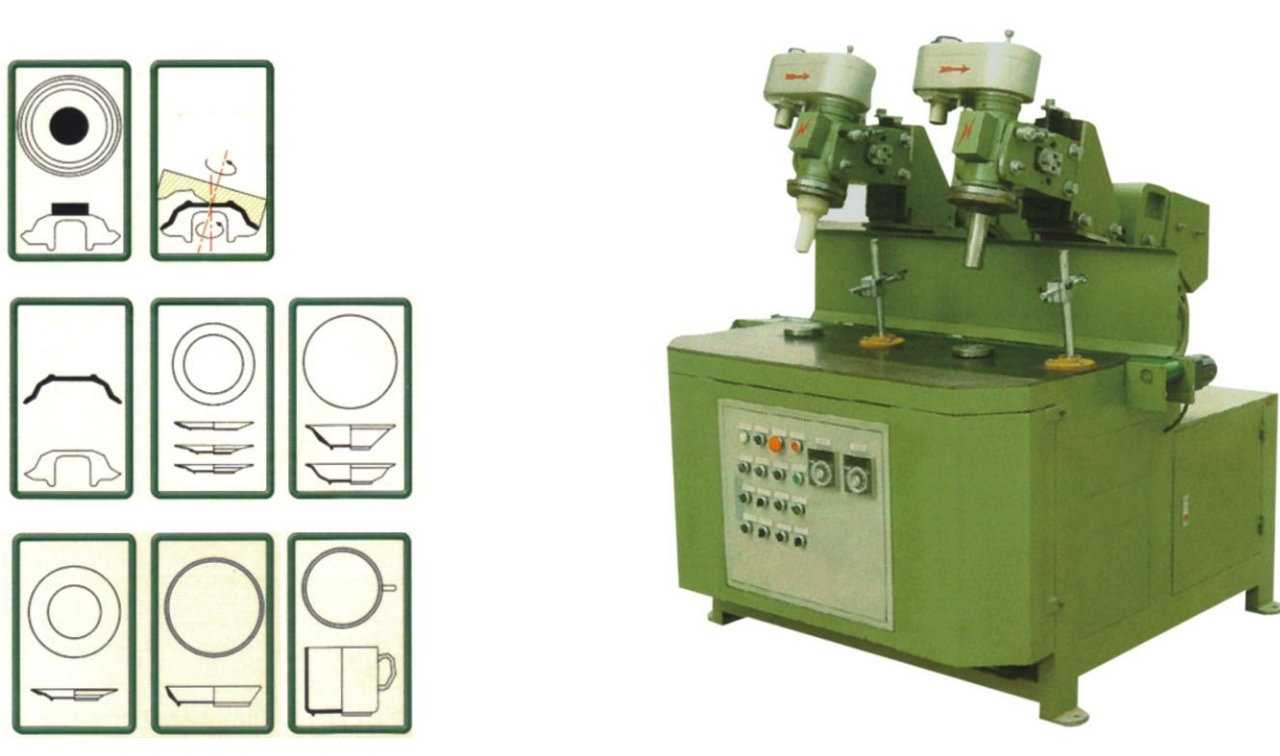
PURPOSES

This machine is applicable to mold bowl/dish/cup automatically, which is always combined with basket drying line into semi-auto production line.

特点：本类机使用凸轮制动模头成型，成型动作精确可靠，操作、维修、保养维护方便，使用寿命长。

用途：本类机适用于碗、盘、杯自动成型，常与吊篮烘干线组合成半自动生产线。

NAME 品名	STANDARD MECHANICAL DOUBIE - HEAD OBLIQUE-ARM AUTOMATIC MOLDING MACHINE 机械双头斜臂标准型自动成型机	MULTIFUNCTIONAL MECHANICAL DOUBLE - HEAD OBLIQUE-ARM AUTOMATIC MOLDING MACHINE 机械双头斜臂多功能型自动成型机
Model 型号	JST-280B	JST-280D
External Dimension(mm) 外型尺寸	L1400W×1530×H1650	L1400×W1530×H1650
Total Power(kw) 总功率	5HP / 3.75KW	5HP / 3.75KW
Maximal Molding Size(mm) 最大成型尺寸	Φ280(11" )	Φ280(11" )
Production Capacity 产能	400—720PCS / H	400—720PCS / H
Remarks 备注	Speed adjustment by upper mold axis is continuously variable transmission and by pulley for lower mold for lower mold. 上模轴心采用无段变速器调速，下模采用皮带轮调速。	Speed adjustment by upper mold axis is continuously variable transmission and by pulley for lower mold, with displacement function for upper mold. 上模轴心采用无段变速器调速，下模采用皮带轮调速，上模有位移功能。





FOUR-COLUMN PUNCHING MACHINE 四柱塑压机



FEATURES

Special-shape dishes formed by this machine are high in body density and intensity and not easy to be distorted. The products are uniform in specification, with high production efficiency and low labor namely double-button, double-arm safety bar and photoelectric protection, which greatly improve the safety guarantee. All electric appliances/hydraulic components are imported. PLC microcomputers control system activities.

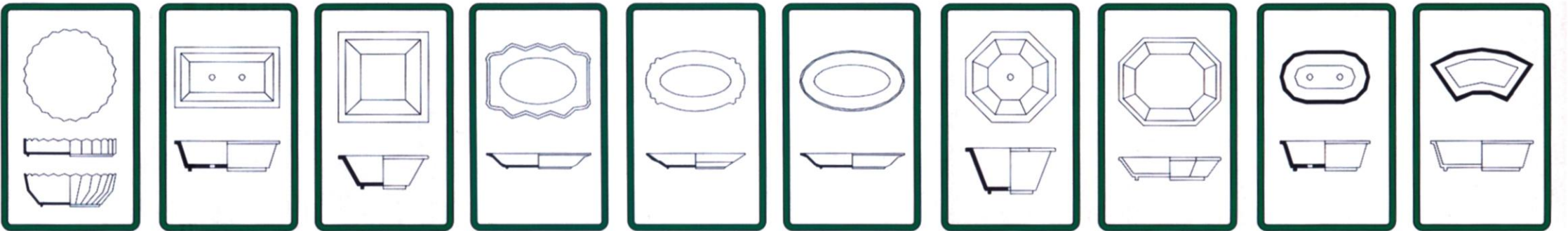
PURPOSES

This machine is applicable to forming special-shape dishes including turkey dishes / fish dishes / square dishes.

**特点：**本机成型的各种异形盘，坯体致密度高、强度大、不易变形、产品规格一致，生产整率高，劳动强度低。本机设有双按钮启动、双保护杆，光电保护三种措施，极大提高了安全保障。所有电器 / 液压元件均为进口，PLC微电脑控制系统动作。

**用途：**本机适用火鸡盘 / 鱼盘 / 方盘等各种异形盘的成型。

MODEL	CY-60	CY-80	CY-100	CY-120	CY-150
External Dimension(mm) 外型尺寸	L1365×W1220 ×H3280	L1980×W1300 ×H3430	L2150×W1400 ×H3500	L2165×W1565 ×H3625	L2150×W1400 ×H3550
Maximal Working Pressure(Kg/cm) 最大工作压力	200	200	200	200	200
Hydraulic Motor Power(Kw) 液压电机功率	10HP / 7.5KW	10HP / 7.5KW	10HP / 7.5KW	15HP / 11KW	15HP / 11KW
Effective Area of Working Bench(mm) 工作台有效面积	650×650	650×650	800×800	900×900	900×900
Travel of Moving Beam(mm) 活动横梁行程	650	650	750	800	800
Large Descending Velocity of Moving Beam(mm/s) 活动横梁下行快速度	250 Adjustable 可调	250 Adjustable 可调	250 Adjustable 可调	250 Adjustable 可调	250 Adjustable 可调
Small Descending Velocity of Moving Beam(mm/s) 活动横梁下行慢速度	50 Adjustable 可调	50 Adjustable 可调	50 Adjustable 可调	50 Adjustable 可调	50 Adjustable 可调
Ascending Velocity of Moving Beam(mm/s) 活动横梁上行速度	200	200	200	200	200



MULTIPLE — STATION EDGE WASHING MACHINE

多工位洗边机

FEATURES

All electric and hydraulic components are imported, the working performances is stable. The sponge head is used by arranged for shape. It is easy to get rid of the chaeta on the product edge.

PURPOSES

It is applicable to wash the edge of the bowls and cups of 4"~6".

**特点：**所有电、气原件均为进口，工作性能稳定可靠；海绵头采用波形布置，能更好去除产品边缘毛刺。

**用途：**适用于4"~6"碗子、杯子洗边缘。

MODENA

MODEL	DXB-150
External Dimension(mm) 外型尺寸	L1800×W1200×H1700
Total Power(kw) 总功率	1.2KW
Production Capacity 产能	600~1200PCS/HR





# HORIZONTAL TYPE FLEETNESS DRYING LINE

## 卧式快速烘干线

### FEATURES

The cycle ejector is used for the hot blast pipe in side the drying line, high heat utilization(EN); the heating installation used hot blast stove system to burn gas, liquid gas or NG for replacement the hofblast, and then used two induced draft fans to pullin the wind into the box; The combustor in hot blast stove are imported, burning plenty; the control system is in Europe standard, safety, convenience, simple to use; the model of salver is made with light aluminum alloys, preventing the pollution of ceramic body from tarnish. It has some distinguishing features including mold releasing fast and will not easily be split and distortion of the body.

### PURPOSES

This machine is a drying line of conveyor of the chain. It is used for drying the body from first molding with mould to the second with molding releasing on one production line, including products of dishes, bowls, cups crockery etc. The maximal size it can produce is 13". This drying line which achieved automation of conveying and drying, is a perfect drying plant.

### PARAMETERS

Model: GH-10M、GH-13M、GH-15M  
Length: 10M、13M、15M and so on; and also can be tailored based on customers' requirments.

### 特点:

内部热风管道采用循环喷风方式, 热能利用率高; 供热系统采用热风炉设备燃烧煤气、液化气或天然气置换热风, 再由两台引风机引入风盒; 热风炉上的燃烧机采用进口品牌, 燃烧充分, 系统控制采用欧洲标准, 安全, 方便, 操作简单; 模型托盘采用轻型铝合金材料制作, 防止了锈蚀对陶瓷坯体的污染, 产品脱模快, 坯体不易开裂与变形等特点。

### 用途:

本机为链条输送式烘干线, 用于盘、碗、杯类器皿带模一次干燥与脱模的坯体二次干燥一条线上完成, 最大件可生产13"器皿, 实现自动输送干燥, 是理想的快速干燥设备。

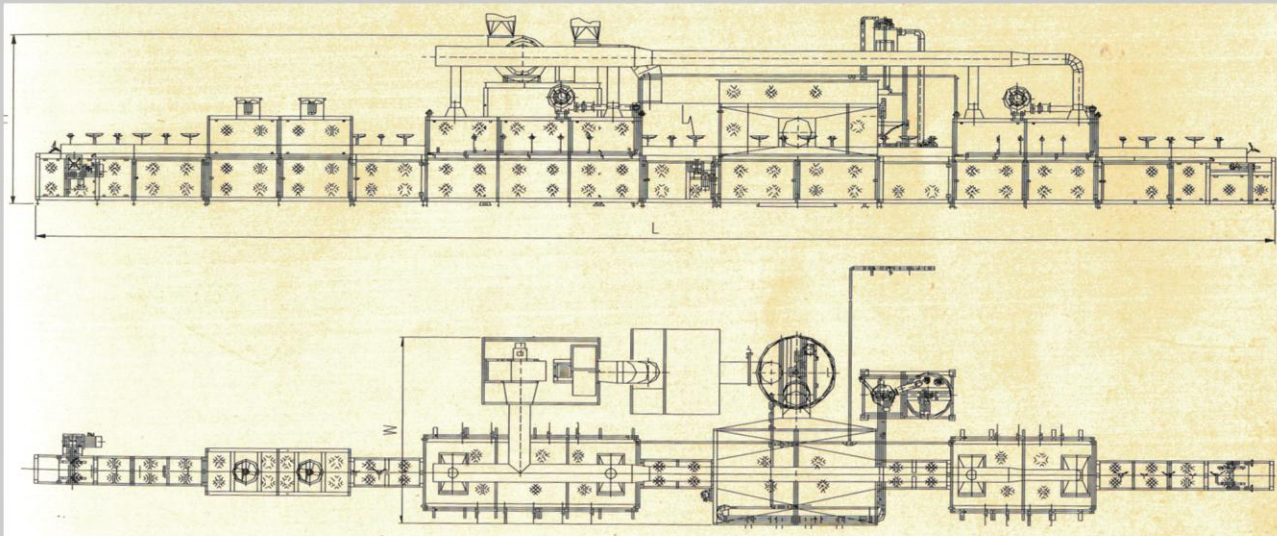
### 参数:

型号: GH-10M、GH-13M、GH-15M  
长度: 10M、13M、15M等, 也可根据客户要求设计

HORIZONTAL TYPE FLEETNESS DRYING LINE  
卧式快速烘干线



# AUTOMATIC GLAZING LINE 自动上釉线



### FEATURES

Preheating and auto rotation along the line during the working procedure, and adopting special imported ceramic spray gun to glaze all angles of goods, so it can achieve even glazing, high production efficiency and low labor intensity.

### PURPOSES

It is applicable to twice-firing(once firing)products of full ceramic and bone china, which can preheat, glaze and dry products through auto procedure line.

**特点:** 通过对产品预热, 并且在线上工作过程中自转, 采用进口专用的陶瓷喷枪对产品各个角度喷釉, 所以具有施釉均匀, 生产效率高, 劳动强度低。

**用途:** 适用于全瓷与骨瓷二次烧成(本烧)产品, 使产品预热、施釉、干燥, 实现自动化一条线。

MODEL	ZSY-20
External Dimension(mm) 外型尺寸	L20700×W5200×H3000
Maximal Glazing Specification(mm) 施釉最大规格	Φ350×H200
Total Power(kw) 总功率	65KW

MODENA



# FIRING

烧成

## MODENA



# MODENA



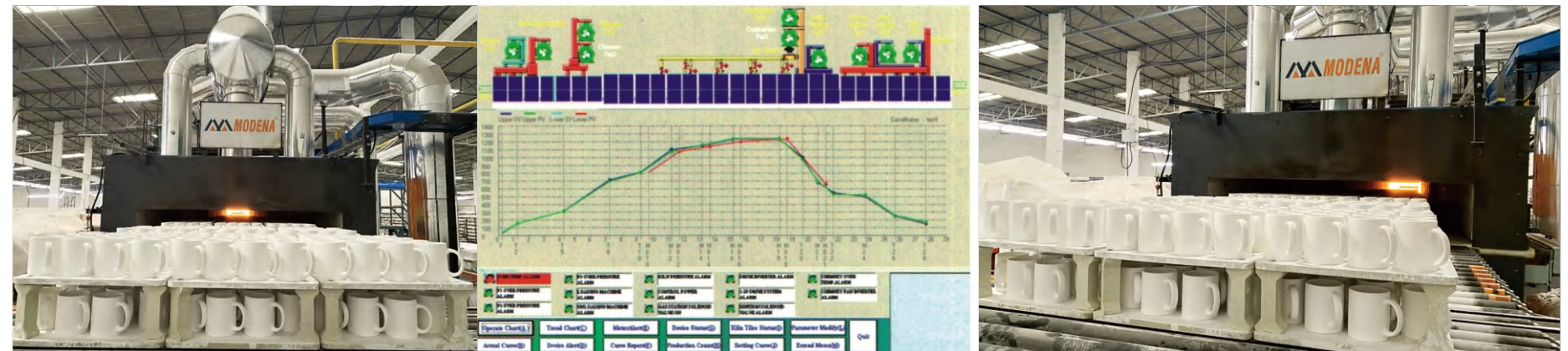
## 隧道窑主要特点 FEATURES OF TUNNEL KILN

- ◆ Perfect adaptability. Suitable for the firing of tablewares, craft porcelain, sanitary wares and electroceramics etc., open flame for firing.
- ◆ Long life cycle, convenient for maintenance. The designed kiln structure is advanced and reasonable. For the vital zones, the refractory materials are professionally selected and perfectly coordinated. The electric appliances are assembled in accordance with the CEI standard, with the advantage of low failure rate.
- ◆ Low fuel consumption, with various energy-saving measures, making the consumption of fuel and electricity minimized;
- ◆ Minor temperature difference. The temperature difference could be controlled within  $\pm 3.5^{\circ}\text{C}$  at the high-temp zone;
- ◆ High automation level. The regulation of the firing system and entry/exit of the kiln cars could be completely carried out automatically.
- ◆ 适应能力强。烧制产品包括：日用瓷、工艺瓷、卫生洁具、电瓷等品种，可采取明焰；
- ◆ 使用寿命长，维护方便。窑炉结构设计先进合理；关键区域选用特殊材质并精心搭配；电器按照CEI标准配置，故障率低；
- ◆ 能耗低。采用多种节能措施，使燃料和电能的消耗量降到最低；
- ◆ 温差小。窑内高温温差可控制在 $\pm 3.5^{\circ}\text{C}$ 以内；
- ◆ 自动化程度高。烧成制度的调整和窑车的进出可实现全自动化控制。



## FEATURES OF ROLLER KILN

- ◆ Low fuel consumption. With various energy-saving measures, the consumption of fuel and electricity are minimized;
- ◆ Minor temperature difference. The temperature difference could be controlled within  $\pm 2.5^{\circ}\text{C}$  at the high-temp zone;
- ◆ Short firing cycle with high productivity, which enables the factory to make trial production and fulfill urgent orders flexibly;
- ◆ High automation level. The regulation of the firing system and entry/exit of the kiln cars could be completely carried out automatically.
- ◆ 能耗低。采用多种节能措施，使燃料和电能的消耗量降到最低；
- ◆ 温差小。窑内高温温差可控制在 $\pm 2.5^{\circ}\text{C}$ 以内；
- ◆ 烧成周期短。便于客户赶制定单和试烧产品；
- ◆ 自动化程度高。烧成制度的调整和垫板的运行实现自动化控制。





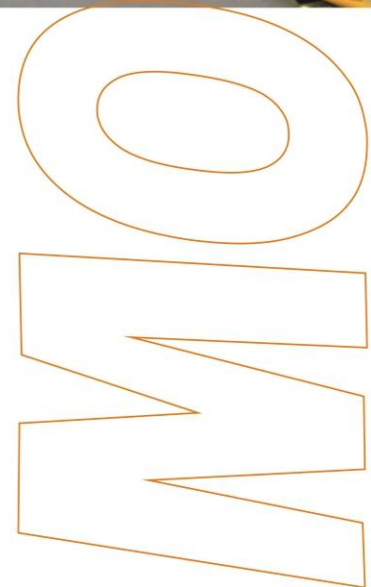
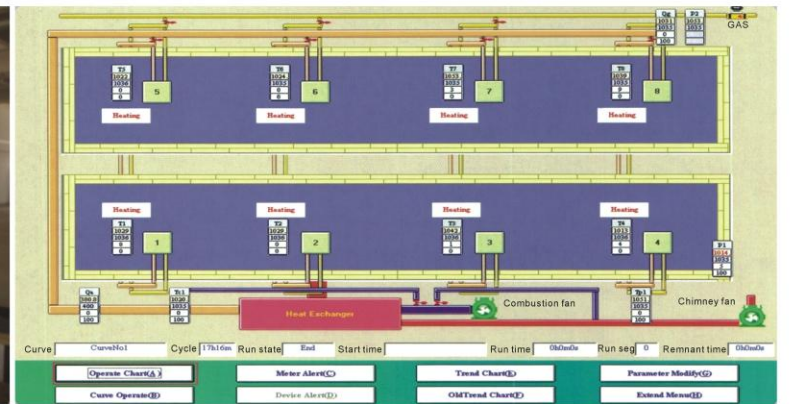


梭式窑一侧  
ONE SIDE OF  
THE SHUTTLE KILN



## 梭式窑主要特点 FEATURES OF SHUTTLE KILN

- ◆ Wide adjustable range. The firing system and cycle could be adjusted according to craft requirements of different products.
- ◆ Advanced control system. The computerized controlling is carried out automatically according to the pre-set firing regime, with high stability and reliability.
- ◆ Temperature equalization. By adopting pulse + proportion control in the combustion system, the flames at different zones can be controlled in large / small size in accordance with the product firing process specification. The fume in the kiln is stirred in cycles so as to even the temperature.
- ◆ Low fuel consumption. With various energy-saving measures, the consumption of fuel and electricity are minimized;
- ◆ 调节范围宽。用户可根据各种制品不同工艺特点灵活调整烧成制度和周期;
- ◆ 控制先进。可用电脑按设定的烧成制度自动控制, 稳定可靠;
- ◆ 温度均匀。采用脉动+比例控制相组合的燃烧系统, 在不同温度区段实行大、小火控制, 巡回搅拌炉内烟气, 达到均化温度的效果;
- ◆ 能耗低。采用多种节能措施, 使燃料和电能的消耗量降到最低。



FIRING OF TABLE WARE  
日用瓷烧成





MSD室式干燥窑  
MSD SHUTTLE DRYER FOR SANITARYWARE

STRUCTURE:

- ◆ prefabricated with insulating panels;
- ◆ winged or roller doors, positioned at one or both ends.

DRYING SYSTEM:

- ◆ Hot air generator or hot air recovery from the kiln;
- ◆ Distribution of the hot air in the two areas by means of the top of the chamber near each pair of cars;
- ◆ Extraction of waste air by channels made on the floor located near each row of cars;
- ◆ Centrifuge fan for delivering, extracting and expelling the waste air;
- ◆ Internal recycling by means of travelling axial fan units, located between each pair of rows of cars, which guarantee uniform conditions in the channel section.

ADJUSTMENT:

- ◆ Using PLC programming, of temperature and relative humidity according to time, with keyboard and graphic panel;
- ◆ Any storage of different drying curves by means of PC (optional) interfaced with the PLC.

结构

- ◆ 保温预制结构
- ◆ 对开式或卷帘式门，安置于干燥窑一头或二头

干燥系统

- ◆ 热风炉+窑炉循环使用热气
- ◆ 通过靠近每组装载车的热风室顶部的分风系统将热风分别送到二个区域
- ◆ 通过安置在底部靠近每排装载车的通道抽取废气
- ◆ 配备用于输送，抽取及排出废气的离心风机
- ◆ 通过安装在干燥窑内每排装载车的每组之间的轴流风机单元达到内部气流循环，保证隧道内的各部分温度湿度等状态一致

调整

- ◆ 使用PLC编程，根据时间控制温度和相对应的湿度，带键盘和显示面板
- ◆ 通过电脑（可选）存储不同的干燥曲线，与PLC连接



No. of rows of cars per channel 每条通道的装载车的排数	2	4
Internal channel width 内部通道宽度	3660 mm	7490 mm
No. of cars per row 每一排的装载车的数量	5 - 10	
Useful car width 装载车有效宽度	900mm	
Useful car length 装载车有效长度	1960 mm	
Maximum car width 装载车最大宽度	1000 mm	
Maximum car length 装载车最大长度	2060 mm	
Height of the car (with parts) 装载车高度（含运送坯体）	2000 mm	
Average specific car load 装载车的平均运载数量	15 parts	
Average car load in weight (dry) 装载车平均载重（干燥）	220-240 kg	
Mean water content in the parts 平均坯体的水分含量	14% - 16%	
Total process cycle including car change 加工循环总周期（含装载车更换时间）	12-16hours	
Minimum drying cycle 最小干燥周期	10hours	

The width of the chamber can be personalised on request.  
干燥室的宽度可以根据需要个性化调整



SGD系列吊篮干燥  
SUSPENDING GRID DRYER

- ◆ High efficiency in green boby drying
- ◆ Fully use of recycled hot air from kiln
- ◆ Save space because the grids move overhead in the workshop
- ◆ Reduce the number of drying rooms
- ◆ Smoothen the flow of process in the workshop and lower the labor intensity

- ◆ 干燥体效率极高
- ◆ 可充分利用窑炉余热
- ◆ 由于吊篮在空中运行，可节省厂区的占地面积
- ◆ 减少干燥烘房
- ◆ 使工厂内工艺流程顺畅，降低工人劳动强度



## 日用瓷应用案例

## APPLICATION OF TABLEWARES



中国制酒历史源远流长，享誉中外。摩德娜有幸与郎酒集团合作，把火与土在窑炉里的碰撞生产出绝美的酒瓶，器与酒相得益彰。

Chinese wine making has a long history and is well-known both at home and abroad. Modena is fortunate to cooperate with the Langjiu Group to produce beautiful wine bottles from the collision of fire and soil in the kiln. The utensils and wine complement each other.



以客户之愿景为己任  
Your Vision Our Mission



日用瓷因其较为低廉的成本和耐磨不透水的特性广为世界各地的民众所使用以及喜爱，是世界文明展示的瑰宝。  
Tableware is widely used and loved by people all over the world because of its relatively low cost and wear-resistant and impermeable properties. It is a gem of world civilization.



# 荣誉见证品质 HONORS WITNESS QUALITY

