

TURN-KEY PROJECT FOR COOKWARE



— Supply with the complete solution for all kinds of cookware



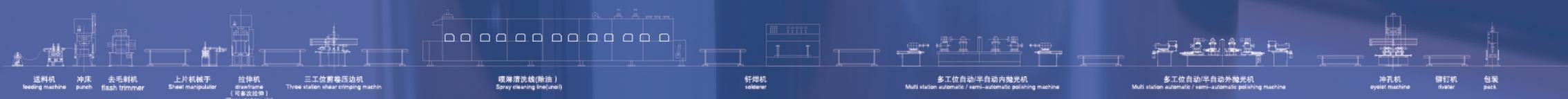
AUTOMATIC PRODUCTION LINE

BOARDING

Stainless steel utensils products automatic / semi-automatic production lines (base)



Stainless steel utensils products automatic / semi-automatic production lines (bottom welding)



Paluminum utensils products automatic / semi-automatic production lines



Machinery Name

Automatic Feeder (can be customized)

Application

Available for different kinds of circles feeding

Machinery Features

- 1.Low energy consumption
- 2.Speed adjustable
- 3.With oil lubricating system
- 4.Two stacking racks for circles
- 5.Empty circles protection function
- 6.Available for any kinds of power press, hydraulic press
- 7.Double circles testing & alarm function
- 8.Easy operation



Main technical parameters

X Axis Stroke	1250mm
Y Axis Stroke	130mm
Max.Circle Dia.	300 mm (can be customized)
Max. Circle Thickness	2.0 mm (can be customized)
Lubricating Rollers Dia.	φ 60 , φ 45
Machine Power	2.5kw
Overall Dimension	200*1350*1900mm
Machine Weight	650kg

Machinery Name

Four Column Hydraulic Deep Drawing Machine

Application

Available for the deep drawing of aluminium, copper, iron and stainless steel parts.

Machinery Features

- 1.Low energy consumption
- 2.Fast move downward without loading, but slow speed for closing dies and pressing
- 3.High precision, but low noise
- 4.The moveable ram has the position-limited protection. and stroke is adjustable
- 5.Photoelectric sensor is equipped for operator safety.
- 6Automatic counting is available
- 7.Pressure can be adjusted if using servo motor



Main technical parameters

Items	Unit	YD65-45	YD65-75	YD65-100	YD65-130	YD65-150	
Rated Pressure of Main Cylinder	KN	300	500	650	850	1000	
Max.pressure of Main Cylinder	Mpa	19	20	20	20	20	
Return Pressure	KN	40	40	50	60	60	
Rated Pressure of Lower Cylinder	Mpa	150	250	350	450	500	
Max.pressure of Lower Cylinder	KN	19	20	20	20	20	
Rated Pressure of Ejector Cylinder	KN	10	10	12	12	15	
Stroke of Ram	mm	380	450	500	550	550	
Stroke of Lower Cylinder	mm	180	220	240	265	265	
Stroke of Ejector Cylinder	mm	110	150	220	220	220	
Daylight	Max.	mm	550	700	800	850	850
	Min.	mm	170	250	300	300	300
Speed of Ram	Unload	mm/s	300	300	300	250	250
	Work	mm/s	28	23	25	12/25	12/25
	Return	mm/s	300	280	280	280	250
Upward speed of lower cylinder	mm/s	77	65	65	65	60	
Motor Power	KW	5.5	7.5	11	15	15	
Real Table Size (LR*FB)	mm	390*450	490*550	550*600	600*600	700*800	
Overall Dimensions (LR*FB*H)	mm	1540*1000 *2540	1550*1030 *3100	1740*1200 *3150	1800*1210 *3250	1880*1350 *3500	
Machine Weight	T	2	3	3.8	4.5	5	

Main technical parameters

Items	Unit	YD65-200	YD65-250	YD65-300	YD65-350	YD65-450
Rated Pressure of Main Cylinder	KN	1500	1700	2000	2350	3000
Max.pressure of Main Cylinder	Mpa	20	20	20	20	20
Return Pressure	KN	70	70	70	80	80
Rated Pressure of Lower Cylinder	Mpa	700	800	1000	1150	1500
Max.pressure of Lower Cylinder	KN	20	20	20	20	20
Rated Pressure of Ejector Cylinder	KN	50	50	50	50	50
Stroke of Ram	mm	600	650	650	650	700
Stroke of Lower Cylinder	mm	285	310	310	310	310
Stroke of Ejector Cylinder	mm	220	220	220	250	250
Daylight	Max.	mm	950	1000	1000	1000
	Min.	mm	350	350	350	300
Speed of Ram	Unload	mm/s	250	250	250	250
	Work	mm/s	12/25	12/25	12/25	12/25
	Return	mm/s	220	220	220	220
Upward speed of lower cylinder	mm/s	70	70	70	70	70
Motor Power	KW	22	30	30	37	37
Real Table Size (LR*FB)	mm	700*880	700*880	750*950	800*1000	1100*1100
Overall Dimensions (LR*FB*H)	mm	1930*1650	1930*1650	1930*1650	1900*1700	2600*2200
		*3550	*3550	*3850	*4200	*4200
Machine Weight	T	7	7.5	9.5	13	16

Main technical parameters

Items	Unit	YD65-500	YD65-600	YD65-700	YD65-800	YD65-1000
Rated Pressure of Main Cylinder	KN	3000	4000	5000	5500	6000
Max.pressure of Main Cylinder	Mpa	21	21	20	20	20
Return Pressure	KN	100	150	300	150	300
Rated Pressure of Lower Cylinder	Mpa	2000	2000	2000	2500	4000
Max.pressure of Lower Cylinder	KN	21	20	20	21	20
Rated Pressure of Ejector Cylinder	KN	50	50/80	50/80	50/80	50/80
Stroke of Ram	mm	700	700	900	900	900
Stroke of Lower Cylinder	mm	310	310	400	400	420
Stroke of Ejector Cylinder	mm	200	200	200	250	250
Daylight	Max.	mm	1000	1300	1500	1500
	Min.	mm	300	600	600	600
Speed of Ram	Unload	mm/s	250	220	220	250
	Work	mm/s	12/25	12/25	12/25	10/20
	Return	mm/s	220	220	220	220
Upward speed of lower cylinder	mm/s	70	70	70	70	70
Motor Power	KW	45	45	45+22	45+23	55
Real Table Size (LR*FB)	mm	1100*1050	1200*1200	1500*1400	1500*1600	1500*1600
Overall Dimensions (LR*FB*H)	mm	2630*2200	2445*2200	4000*2000	4200*2500	4500*2600
		*4400	*4300	*5600	*5800	*8600
Machine Weight	T	17	19	28	36	42

Machinery Name

YKR Series Wire Rolling Hydraulic Press

Application

For the forming, stamping, extruding, bottom induction of cookware, hardware, etc.

Machinery Features

1. The major frame and main cylinder are made of the high-strength prestressing internal wire-twisting technology. The frame will have the characters of good fatigue resistance and good safety. The hydraulic system takes use of the new advanced high pressure sealing structure, which can achieve at the pressure ration control, smooth running, long working life, and lower energy consumption, around 25% less energy consumption than normal similar machines.
2. The working table is equipped with the photoelectric protector.
3. The cooler system is equipped with the plate-type heat exchanger with the warning system of high oil temperature.
4. The servo system is optional, which brand is DELTA; Oil pump is SUNNY; Hydraulic valve is VICKERS. Seal ring is SEALTECH; Electric components and PLC are using OMRON; Touching screen is MCGS.
5. The touching screen is available for the digital showing, adjusting the data such as pressure, speed, and monitoring the working status of pressure, oil temperature, etc.
6. Additional functions: air releasing function; twice pressing setup; connector of robot arms, etc.



Main technical parameters

Item	Unit	YRK-3500S	YRK-4000S	YRK-5000S
Norminal capacity of main cylinder	kN	35000	40000	50000
Max.stroke of main cyliner	mm	300	350	350
Max.working pressure of main cylinder	MPa	70	70	70
Working pressure of hydraulic system	Mpa	20	20	20
Norminal capacity of ejection cylinder	kN	100	150	150
Stroke of ejection cylinder	mm	100	100	100
Open height	Max.	mm	900	950
	Mini.	mm	600	600
Ram speed	mm/s	Fast upward	Normal motor:210 Servo motor:230	Normal motor:200 Servo motor:210
		Fast pressing	Normal motor:12 Servo motor:13.5	Normal motor:210 Servo motor:15
		Fast downward	Normal motor:210 Servo motor:230	Normal motor:200 Servo motor:210
Real working table size (L*W)	mm	950*950	1000*1000	1100*1100
Motor power (optional)	Normal motor	Kw	120	150
	Servo motor	Kw	130	158
Assistant motor power	Kw	11.5	11.5	11.5

Machinery Name

CNC Spinning Machine

Application

For the spinning of cookware, hardware, etc.

Machinery Features

- 1.Body:** The body is made of high grade gray iron casting, aging treatment, reduce internal stress, prevent deformation. A robust inclined bed frame structure for stable accuracy and repeatability, a three-axis plastered rail system with high stiffness, high precision and good dynamic performance of the ball screw, driven by a high precision servo motor, with position feedback system.
- 2.Powerful power head:** The power head is installed on the left and right slide rails. The independent unit is used to ensure that the spindle has good motion accuracy, stiffness and stability. The main shaft is driven by AC vector servo motor and synchronous belt.
- 3.Hydraulic system:** The hydraulic system is connected to the machine by a hydraulic line that is long enough. Oil heat exchanger cools the hydraulic oil.
- 4.Electrical control:** The associated machine electrical system is installed in a locked electrical cabinet.
- 5.Operation panel:** The CNC system uses Siemens 808D as the standard configuration, stable and reliable, and has a USB interface. It is equipped with a mobile electronic hand-wheel for easy and flexible operation.
- 6.Accessories:** Centralized automatic lubrication system, reliable lubrication. Equipped with cooling pump and enclosed sheet metal protection system. Equipped with automatic chip extractor.



Main technical parameters

Model No.	BD-SP600	BD-SP800	BD-SP1000
Amounts of Rollers	Sync 2+	Sync 2+	Sync 2+
Max. Diameter of Blank	Φ600 mm	Φ800 mm	Φ1000 mm
Max. Swing over Carriage	Φ230 mm	Φ350 mm	Φ600 mm
Distance Between Centers	400mm	600 mm	600 mm
Thickness of Carbon Steel Blank	0.5-2.0 mm	0.5-3.0 mm	0.5-4.5 mm
Thickness of Stainless Steel Blank	0.5-1.5 mm	0.5-2.0 mm	0.5-3.5 mm
X-axis Stroke	200mm	230mm	600mm
Z-axis Stroke	600mm	700mm	780mm
X-axis Force	20kN	30kN	50kN
Z-axis Force	15kN	30kN	50kN
Tailstock Force	30kN	25kN	40kN
Repetitive Positioning Accuracy	0.008mm	0.01mm	0.01mm
Spindle Nose	A2-6	D8	C11
Spindle Mounting	MT6	90 (1:20) Metric	120 (1:20) Metric
Spindle Bore	Φ56 mm	Φ82 mm	Φ110 mm
Spindle Speed	2500RPM	2000RPM	1200RPM
Tailstock Stroke	400mm	450mm	500mm
Amount of Tools / Shank Size	4+1/25x25 mm ²	4+4/32x32 mm ²	8+1/32x32 mm ²
Spindle Motor Power	7.5KW	11KW	22KW
Power Capacity	20KVA	25KVA	40KVA
Service Voltage	380V AC	380V AC	380V AC
Overall Dimensions	3x1.5x1.6 m ³	3.2x2.0x2.0 m ³	3.6x2.5x2.2 m ³
Net Weight	3.0T	4.5T	8.0T

Main technical parameters

Model No.	BD-SP1200	BD-SP1400	BD-SG1500
Amounts of Rollers	Sync 2+	Sync 2+	1+
Max. Diameter of Blank	Φ1200 mm	Φ1400 mm	Φ1500 mm
Max. Swing over Carriage	Φ800 mm	Φ900 mm	
Distance Between Centers	800 mm	800 mm	1000 mm
Thickness of Carbon Steel Blank	0.5-4.5 mm	0.5-5.0 mm	0.5-10 mm
Thickness of Stainless Steel Blank	0.5-3.5 mm	0.5-4.0 mm	0.5-7.0 mm
X-axis Stroke	600mm	700mm	800mm
Z-axis Stroke	1000mm	1000mm	1000mm
X-axis Force	60kN	70kN	120kN
Z-axis Force	60kN	70kN	120kN
Tailstock Force	50kN	60kN	80kN
Repetitive Positioning Accuracy	0.01mm	0.01mm	0.015mm
Spindle Nose	C11	C11	C11
Spindle Mounting	120 (1:20) Metric	120 (1:20) Metric	120 (1:20) Metric
Spindle Bore	Φ110 mm	Φ110 mm	Φ110 mm
Spindle Speed	1000RPM	800RPM	1500RPM
Tailstock Stroke	500mm	500mm	900mm
Amount of Tools / Shank Size	8+1/32x32 mm ²	8+1/32x32 mm ²	4/40x40 mm ²
Spindle Motor Power	30KW	37KW	55KW
Power Capacity	50KVA	60KVA	80KVA
Service Voltage	380V AC	380V AC	380V AC
Overall Dimensions	3.6x2.5x2.4 m ³	3.6x2.8x2.7 m ³	5.0x3.0x2.6 m ³
Net Weight	9.0T	10T	12T

Machinery Name

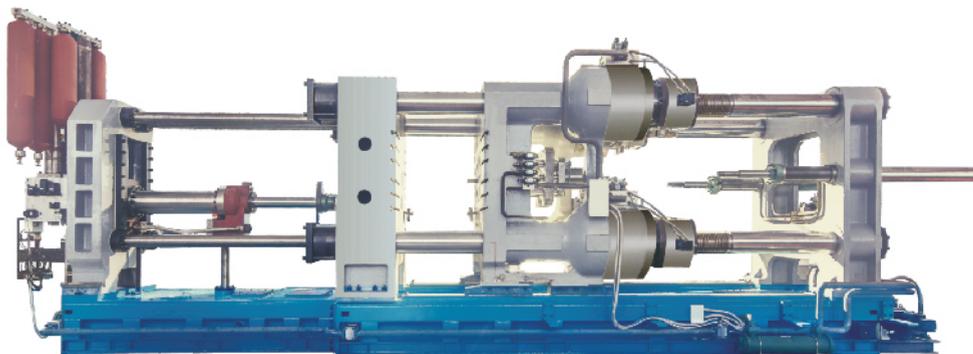
Alu.Casting Machine

Application

For the casting of alu. cookware,hardware,etc.

Machinery Features

- 1.Convenient for adjusting die position-Easy for die replacement
- 2.Self-compensating for change of die thickness-Guarantee theproduction stability
- 3.Uniform distribution of locking force-Guarantee dimension's precisionand reduce casting parts' defects like aluminum flash
- 4.Advantage in linear control of die close speed-Realize fast and stablespeed of die close
- 5.No need of adjusting technology in replacing dies;no need of adjusting the distance of moving platen and stationary platen.When oil cylinder fast push moving platen to thdie, bisection lock nuts will mesh with draglinks.Die close action will be realized by four oil cylinders of locking mold to push moving platen.
- 6.High pressure die opening technology;1st step:oil cylinder of die closing will open die.2nd step:open bisection lock nuts.3rd step:oil cylinder fast open the mould again.
- 7.Cartridge valve automatic adjustment;using a small gear motor to drive gear control screw forward and backward,so as to adjust the opening of the cartridge valve.
- 8.Energy saving,precision,system pressure,stable flow.
- 9.Can represent the development trend of the industry.



Main technical parameters-2platens

Item	Unit	JC300	JC400	JC600	JC750	JC800
Mould clamping force	kN	3000	4000	6000	7500	8000
Draglink spacing(levelx vertical)	mm	580*580	650*650	810*810	900*900	950*950
Diameter of draglink	mm	Φ110	Φ140	Φ150	Φ170	Φ185
Die height(mininum -maximum)	mm	250-700	250-750	320-800	350-900	350-960
Die opening stroke	mm	450	500	580	650	780
Ejector stroke	mm	100	130	120	160	160
Ejector force	kN	150	200	220	250	300
Injection force	kN	185-340	185-380	210-560	240-630	680
Injection stroke	mm	440	510	570	650	700
Injection location	mm	0/-180	0/-180	0/-220	0/-250	0/-250
Diameter of pressure chamber	mm	50/60/70	60/70/80	70/80/90	80/90/100	80-110
Maximum metal casting quantity once(A)	kg	3.2	4.8	6	10	11.6
Casting projected area	cm	183-582	185-727	470-1665	518-2126	554-1047
Flange height of pressure chamber	mm	Φ110 f7	Φ130 f7	Φ130 f7	Φ165 f7	Φ165 f7
Flange height of pressure chamber	mm	10-0.05	10-0.05	15-0.05	15-0.06	15-0.05
Plunger penetration	mm	165	175	230	280	280
Working pressure of pipeline	MPa	13	15	6	14	14
Energy-saving die casting machine power	kV	7.5(18.5)	15(30)	15(30)	18.5(37)	18.5(37)
Machine weight	kg	12600	16200	23000	30000	35000
Machine dimensions (length x width x height)safe gate is not included	m	6.3*1.6*2.8	6.5*1.7*2.8	7.5*2.0*3.0	8.2*2.1*3.3	8.6*2.2*3.3

Main technical parameters-2platens

Item	Unit	JC1300	JC1600	JC2000	JC2500	JC3000
Mould clamping force	kN	13000	16000	20000	25000	3000
Draglink spacing(levelx vertical)	mm	1100*1100	1250*1250	1350*1350	1500*1500	1650*1650
Diameter of draglink	mm	Φ240	Φ270	Φ310	Φ320	Φ350
Die height(mininum -maximum)	mm	450-1180	500-1400	650-1600	800-1800	800-2000
Die opening stroke	mm	1000	1200	1400	1500	1500
Ejector stroke	mm	200	250	300	300	300
Ejector force	kN	570	570	650	750	900
Injection force	kN	1075	1285	1500	1700	2110
Injection stroke	mm	880	930	960	1050	1180
Injection location	mm	-160/-320	-175/-350	-175/-350	200/-400	-250/-450
Diameter of pressure chamber	mm	100-140	110-150	130-170	140-180	150-190
Maximum metal casting quantity once(A)	kg	26	31	41	50	63
Casting projected area	cm	910-1785	1165-2190	1769-3030	2270-3785	2520-4110
Flange height of pressure chamber	mm	Φ240 f7	Φ260 f7	Φ260 f7	Φ280 f7	Φ280 f7
Flange height of pressure chamber	mm	25	25	30	30	30
Plunger penetration	mm	320	360	400	450	530
Working pressure of pipeline	MPa	16	16	16	16	16
Energy-saving die casting machine power	kV	37(74)	45(90)	55(110)	70 (135)	85(165)
Machine weight	kg	60000	75000	100000	120000	168000
Machine dimensions (length x width x height)safe gate is not included	m	10.0*5.0*4.0	11.0*5.0*5.0	12.0*5.0*5.0	12.0*5.0*6.0	13.0*5.0*6.0

Main technical parameters-2platens

Item	Unit	JC3500	JC4000	JC4500	JC5000	JC6000
Mould clamping force	kN	35000	40000	45000	50000	60000
Draglink spacing(levelx vertical)	mm	1750*1750	1850*1850	1950*1950	2000*2000	2050*2050
Diameter of draglink	mm	Φ370	Φ390	Φ410	Φ430	Φ460
Die height(mininum -maximum)	mm	850-2000	900-2100	900-2200	900-2300	1000-2400
Die opening stroke	mm	1600	1800	1900	2000	2100
Ejector stroke	mm	300	350	400	450	450
Ejector force	kN	900	1000	1000	1050	1100
Injection force	kN	2410	2410	2980	3150	3450
Injection stroke	mm	1400	1400	1600	1700	1750
Injection location	mm	-300/-600	-300/-600	-300/-600	-300/-600	-300/-650
Diameter of pressure chamber	mm	160-200	160-200	180-220	180-230	190-250
Maximum metal casting quantity once(A)	kg	83	83	114	120	130
Casting projected area	cm	2910-4540	3330-5190	3850-5770	4100-6050	4200-6500
Flange height of pressure chamber	mm	Φ320 f7	Φ320 f7	Φ340 f7	Φ350 f7	Φ370 f7
Flange height of pressure chamber	mm	35	35	35	40	50
Plunger penetration	mm	600	600	700	780	880
Working pressure of pipeline	MPa	16	16	16	76	16
Energy-saving die casting machine power	kV	110 (220)	110 (220)	110(220)	135(250)	165(300)
Machine weight	kg	180000	200000	230000	260000	290000
Machine dimensions (length x width x height)safe gate is not included	m	13.5*6.0*5.0	15.05.5*5.0	15.0*5.5*5.0	16.0*6.0*5.0	17.0*6.0*6.0

Main technical parameters-3platens

Item	Unit	JC160	JC220	JC300	JC350	JC450
Mould clamping force	kN	1600	2200	3000	3500	4500
Draglink spacing(levelx vertical)	mm	460*460	510*510	580*580	600*600	650*650
Diameter of draglink	mm	Φ80	Φ90	Φ110	Φ120	Φ125
Die height(mininum -maximum)	mm	200-550	200-580	250-700	250-700	250-700
Die opening stroke	mm	350	400	450	450	450
Ejector stroke	mm	80	80	100	100	100
Ejector force	kN	100	110	150	160	160
Injection force	kN	102-200	100-250	185-340	185-370	185-380
Injection stroke	mm	340	380	440	490	490
Injection location	mm	0/-140	0/-140	0/-180	0/-180	0/-180
Diameter of pressure chamber	mm	40/50/60	50/60/70	50/60/70	50/60/70	50/60/70
Maximum metal casting quantity once(A)	kg	1.8	2.8	3.2	3.8	3.8
Casting projected area	cm	100-443	172-846	183-582	185-727	185-727
Flange height of pressure chamber	mm	Φ110 f7				
Flange height of pressure chamber	mm	10-0.05	10-0.05	10-0.05	10-0.05	10-0.05
Plunger penetration	mm	135	155	165	180	180
Working pressure of pipeline	MPa	14	15	14	15	15
Energy-saving die casting machine power	kV	5.5(15)	5.5(15)	9(18.5)	9(18.5)	11(18.5)
Machine weight	kg	6500	8300	12600	13800	14200
Machine dimensions (length x width x height)safe gate is not included	m	5.2*1.3*2.4	6.1*1.5*2.6	6.5*1.6*2.8	6.6*1.6*2.7	6.8*1.7*2.8

Main technical parameters-3platens

Item	Unit	JC560	JC700	JC800	JC900
Mould clamping force	kN	5600	7000	8000	9000
Draglink spacing(levelx vertical)	mm	760*760	810810	850*850	910*910
Diameter of draglink	mm	Φ140	Φ160	Φ170	Φ185
Die height(mininum -maximum)	mm	320-800	350-900	350-900	400-950
Die opening stroke	mm	580	650	680	760
Ejector stroke	mm	120	160	160	180
Ejector force	kN	220	250	300	360
Injection force	kN	210-520	240-630	680	750
Injection stroke	mm	570	650	700	750
Injection location	mm	0/-220	0/-250	0/-250	0/-250
Diameter of pressure chamber	mm	70/80/90	80/90/100	80-110	80-120
Maximum metal casting quantity once(A)	kg	6	10	11.6	16
Casting projected area	cm	470-1665	518-2126	554-1047	569-1281
Flange height of pressure chamber	mm	Φ130 f7	Φ165 f7	Φ165 f7	Φ180 f7
Flange height of pressure chamber	mm	150.05	15.0.05	15 0.05	200.05
Plunger penetration	mm	230	280	280	300
Working pressure of pipeline	MPa	15	14	14	14
Energy-saving die casting machine power	kV	15(30)	18.5(37)	18.5(37)	18.5(37)
Machine weight	kg	23000	30000	35000	40000
Machine dimensions (length x width x height)safe gate is not included	m	7.5*2.0*3.0	8.2*2.1*3.3	8.6*2.2*3.3	9.2*2.3*3.3

Main technical parameters-3platens

Item	Unit	JC1000	JC1100	JC1300	JC1600
Mould clamping force	kN	10000	11000	13000	16000
Draglink spacing(levelx vertical)	mm	980*980	1050*1050	1100*1100	1250*1250
Diameter of draglink	mm	Φ190	Φ210	Φ230	Φ260
Die height(mininum -maximum)	mm	400-950	450-1150	550-1200	600-1320
Die opening stroke	mm	800	900	1000	1100
Ejector stroke	mm	180	190	200	250
Ejector force	kN	360	500	570	620
Injection force	kN	800	950	1100	1300
Injection stroke	mm	750	850	950	980
Injection location	mm	0/-250	0/-300	0/-320	0/-350
Diameter of pressure chamber	mm	90-130	90-130	100-140	110-150
Maximum metal casting quantity once(A)	kg	18	20	26	32
Casting projected area	cm	755-1575	736-1536	927-1818	1169-2173
Flange height of pressure chamber	mm	Φ190 f7	Φ240 f7	Φ240 f7	Φ260 f7
Flange height of pressure chamber	mm	20.0.05	200.05	25.0.05	25.0.05
Plunger penetration	mm	300	300	350	380
Working pressure of pipeline	MPa	14	14	14	14
Energy-saving die casting machine power	kV	22 (45)	30 (45)	37(37*2)	45(45*2)
Machine weight	kg	48000	70000	90000	110000
Machine dimensions (length x width x height)safe gate is not included	m	9.3*2.4*3.4	11*3.3*4.2	2.5*3.5*4.2	13.2*4.1*4.3

Machinery Name

Bottom Brazing Machine

Application

For the bottom brazing of SS. cookware ,Alu.Cookware,etc.

Transistor High Frequency Brazing Equipment Characters:

- 1.Using high-power transistor MOSFET,safety, reliability,and energy-saving.
 - 2.Uniform heating and good welding quality
 - 3.Fast heating speed,and high production efficiency.
 - 4.Digital display of operating mode,simple operation and easy maintenance
- Machine Power Available:50KW,80KW,100KW
Power Frequency:200-300KHz
Welding Dia.:100-500mm



Transistor High Frequency Brazing Equipment Characters:

- 1.Using the traditional vacuum tube,the technology is mature and reliable.
 - 2.Fast heating speed and high production efficiency
 - 3.The overall design is reasonable,small electricity loss,and beautiful appearance
 - 4.Internal voltage regulator,low price and small investment
 - 5.Digital display of operating mode,and easy maintenance.
- Machine Power Available:60KW,100KW,150KW
Power Frequency:20-300KHz
Welding Dia.:100-500mm

HF Bottom Brazing Machine Parameter

Model No.	Power Supply	Working Description	Rated Power (KW)	Max. Working Dia. (mm)	Overall Dimension (mm)
GPQH-21-60/300	Vacuum Tube	"Single Induction Head Double Station"	60	280	2450*3100*2000
GPQH-22-100/240	Vacuum Tube	"Single Induction Head Double Station"	100	240	2450*3100*2000
GPQH-21-150/500	Vacuum Tube	"Single Induction Head Double Station"	150	500	2650*3100*2000
GGPQH-11-50/300	Transistor	"Single Induction Head Single Station"	50	280	1350*3100*2000
GGPQH-21-50/300	Transistor	"Single Induction Head Double Station"	50	280	2450*3100*2000
GGPQH-21-100/360	Transistor	"Single Induction Head Double Station"	100	360	2650*3100*2000

Machinery Name

Bottom Heating Machine

Application

For the bottom heating of SS Cookware,Alu.Cookware.etc.

Machinery Features

- 1.Using high power IGBT super-audio power source,save electricity,water-saving,safety and reliability
 - 2.Uniform heating and good product quality
 - 3.Fast Heating speed and high production efficiency
 - 4.Digital display of operating mode and easy maintenance
- Machine Power Available:50KW,100KW,150KW
Power Frequency:10-30KHz
Induction Heads QTY: 4,6,8 pcs



Machinery Detailed Spec.

Model No.	Power Supply	Working Description	Rated Power (KW)	Max. Working Dia. (mm)	Overall Dimension (mm)
ZLJR-4-160/300	IGBT	Four Induction Heads	160	320	2375*1650*2534
ZLJR-5-200/300	IGBT	Five Induction Heads	200	320	2850*1650*2534
ZLJR-4-160/300	MOSFET	Four Induction Heads	160	320	2375*1650*2534
ZLJR-5-200/300	MOSFET	Five Induction Heads	200	320	2850*1650*2534
XZJR-3-150/300	MOSFET	Three Induction Heads	120	300	2400*3100*2000
XZJR-3-150/300	IGBT	Four Induction Heads	160	300	2400*3100*2000
XZJR-3-100/300	Vacuum tube	three Induction Heads	100	300	2400*3100*2000

Machinery Name

Automatic Cutting&Trimming Machine

Application

For the edge cutting& trimming of SS Cookware,Alu.Cookware.etc.

Machinery Features

- 1.Hydraulic system or servo system is optional
- 2.Simple operation,and operation speed is faster
- 3.Stable performance,and power saving
- 4.Clamping stroke and LR stroke adjustable



Main technical parameters

Major Motor Power:	4.2KW
Max.component dia.:	120-500mm
Processing height:	300mm
Max.trimming thickness:	1.5mm (SS),0.2-2.0mm (MS.),Alu.3.0mm
Processing capacity:	6-8pcs/minute.
Machine dimension:	1800*1200*2200mm
Available Material:	Staines Steel,MS,Alu.Copper,etc.

Machinery Name

Automatic Cutting,Trimming&Beading Machine

Application

For the edge cutting& trimming of SS Cookware,Alu.Cookware.etc.

Machinery Features

- 1.Hydraulic system or servo system is optional
- 2.Simple operation,and operation speed is faster
- 3.Stable performance,and power saving
- 4.Clamping stroke and LR stroke adjustable



Main technical parameters

Major Motor Power:	4.0KW
Max.component dia.:	120-500mm
Processing height:	40-200mm
Max.trimming thickness:	1.5mm (SS),0.2-2.0mm (MS.),Alu.3.0mm
Processing capacity:	6-8pcs/minute.
Machine dimension:	1800*1200*2200mm
Available Material:	Staines Steel,MS,Alu.Copper,etc.

Machinery Name

Automatic Piercing Machine

Application

For the piercing of SS Cookware, Alu.Cookware.etc.

Machinery Features

- 1.Hydraulic system with big pressure
- 2.Simple operation,and operation speed is faster
- 3.Stable performance,and power saving
- 4.Clamping stroke and LR stroke adjustable
5. Width and angle can be adusted to match different cookware
- 6.Piercing



Main technical parameters

Major Motor Power:	5.5KW
Component dia.:	120-500mm
Available distance between holes:	40-120mm
Max.trimming thickness:	1.5mm (SS),0.2-2.0mm (MS.),Alu.3.0mm
Processing capacity:	6-8pcs/minute.
Machine dimension:	1400*1000*1800mm
Available Material:	Staines Steel,MS,Alu.Copper,etc.

Machinery Name

Automatic Riveting Machine

Application

For the riveting of SS Cookware, Alu.Cookware.etc.

Machinery Features

- 1.Automatic feeding through vibration disk
- 2.Simple operation,and operation speed is faster
- 3.Stable performance,and power saving
- 4.Hydraulic cylinder for best riveting performance
- 5.All kinds of rivets are available



Main technical parameters

Major Motor Power:	4.0KW
Rivets Size:	1.5-8mm
Hydraulic Cylinder Force:	50kN
Max.component dia.:	130-400mm
Riveting Stroke:	50mm
Processing capacity:	6-8pcs/minute.
Machine dimension:	600*600*1600mm
Available Material:	Staines Steel,MS,Alu.Copper,etc.

Machinery Name

CNC Bottom Grooving Machine

Application

For the piercing of SS Cookware, Alu.Cookware.etc.

Machinery Features

- 1.CNC system for complete automatic operation
- 2.Simple operation,and operation speed is faster
- 3.Stable performance,and power saving
- 4.The body uses the casting frame which is much stronger
- 5.Imported ball screw and linear rail to ensure the best accuracy.



Main technical parameters

Spindle Servo Motor Power:	5.5KW
Available Cookware Dia.:	120-450mm
Available Cookware Height:	40-200mm
Available Thickness:	Any thickness
Available Material:	MS,SS,Alu.Copper,Triply.Etc.
Machine Weight:	600Kg
Overall Dimension:	1400*1400*2200mm

Machinery Name

Automatic Bottom Grinding Machine

Application

For the bottom grinding of cookware after grooving

Machinery Features

- 1.CNC system for complete automatic operation
- 2.Simple operation,and operation speed is faster
- 3.Stable performance,and power saving
- 4.The body uses the casting frame which is much stronger
- 5.Imported ball screw and linear rail to ensure the best accuracy.



Main technical parameters

Major Motor Power:	5.5KW
Available Cookware Height:	40-200mm
Available Thickness:	Any
Max.component dia.:	120-450mm
Riveting Stroke:	50mm
Machine Weight:	600Kg
Machine dimension:	1400*1400*2200mm
Available Material:	Staines Steel,MS,Alu.Copper,etc.

Machinery Name

Automatic Inner Polishing Machine MB4220-A

Application

For the inner polishing of SS Cookware.etc.

Machinery Features

MB4220-A Interior polisher, a kind of semiautomatic interior polisher, is mainly used to polish the interior side and the interior bottom of round shape wares, when 2 or more than 2 interior polishers of this kind are assembled on one line to polish the interior side and the interior bottom of metal wares respectively. the production efficiency can be greatly increased. The machine has been China Patent No.: 2007100269380



Main technical parameters

Model	MB4220-A
Function	inner polish for pan
Size of Workpiece	$\phi 400\text{mm} \times (50\sim 250)\text{mm}$(直径x高)(Dia.xH)
Size of Abrasive Wheel	$\phi 220\text{mm}$(直径)(Dia.)
Motor (for the) Power	Abrasive Wheel Motor : 7.5kw x 1 Workpiece Motor : 0.75kw x 1
Speed	Abrasive Wheel: 2900r/min Workpiece: 28~140r/min(可调Adjustable)
Workpiece Holding	Vacuum Adsorption
Dimension	2170mm x 1880mm x 1500mm (长x宽x高)(LxWxH)
Weight	about 1.2T

Machinery Name

Automatic Inner Polishing Machine NDK-20

Application

For the inner polishing of SS Cookware.etc.

Machinery Features

The model is widely used for polishing the medial, inner bottom surface and edge of metal ware, which adopts Computer Numerical Control (PLC) techniques and auto compensation device to achieve polishing automatically. It is a high efficiency and ideal machine.



Main technical parameters

Function	inter polish for pan (bottom, side & edge)
Size of Workpiece	$\phi 400\text{mm} \times 250\text{mm}$(直径x高)(Dia.xH)
Size of Abrasive Wheel	$\phi 200\text{mm}$(直径)(Dia.)
Motor (for the) Power	Abrasive Wheel Motor : 7.5kw x 1, 4kw x 1 Workpiece Motor : 0.75kw x 1 Compensate pressure motor : 0.37kw x 3
Speed	Abrasive Wheel : 2900r/min Workpiece : 28~140r/min(可调Adjustable)
Waxed way	Automatic spray Non-Standard, need increase
Workpiece Holding	Vacuum Adsorption
Dimension	2200mm x 2000mm x 1450mm (长x宽x高)(LxWxH)
Weight	about 2.5T

Machinery Name

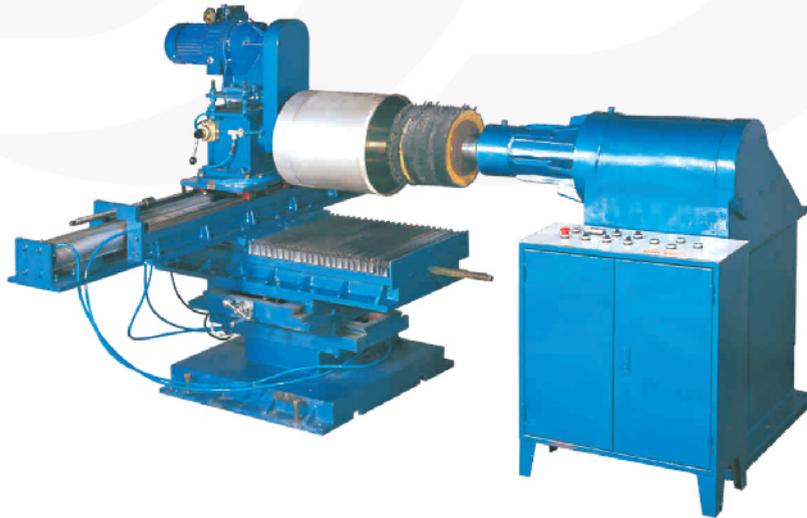
φ600*600 Automatic Inner Polishing Machine

Application

For the inner polishing of Big SS Cookware.etc.

Machinery Features

This polisher is new developed machine for processing round shape metal ware with dia. more than φ400mm,compare with the old model, this polishing machine has advantages of high rigidity, easy operation, stable performance. The polishing wheel using linen, cloth or PVA material, which fix to the polishing shaft, then aftershaping to fit the workpiece, can be used to process round shape metal ware. The polishing result can be rough, fine polished or mirror polished.



Main technical parameters

Model	φ600x600
Function	inner and outer polish for metal ware
Size of Workpiece	<φ600mmx600mm (直径x高)(Dia.xH)
Size of Abrasive Wheel	<φ400mm(直径)(Dia.)
Motor (for the) Power	Abrasive Wheel Motor : 11kwx1 Workpiece Motor : 1.5kwx1
Speed	Abrasive Wheel: 2150r/min Workpiece : 28~140r/min(可调Adjustable)
Workpiece Holding	Vacuum Adsorption
Dimension	3150mmx2100mmx1500mm(长x宽x高)(LxWxH)
Weight	about 2T

Machinery Name

Automatic Outer Polishing Machine 2MB4140-C

Application

For the Outer polishing of SS Cookware.etc.

Machinery Features

The Polisher 2MB4140-C can be used for rough polishing, fine polishing and mirror polishing of all kinds of round-shape metal ware. Parameters such as polishing length, reciprocating range, polishing time etc. are etc. adjustable or can be set as automatic control. Convenient manipulation, reliable performance, low noise, and brightness of the surface of the polished object, and stable quality of the products, are the main features of this polisher. With its main mechanical properties and technical standards equal to or even well above peer products, this polisher is regarded as the reasonable polishing equipment in metal ware industry.



Main technical parameters

Model	2MB4140-C
Function	outer polish for pan & cover
Size of Workpiece	Pan Body : <φ400mmx350mm(直径x高)(Dia.xH) Pan Lid : <φ400mmx50mm(直径x高)(Dia.xH)
Size of Abrasive Wheel	<φ430mmx330mm(直径x厚度)(Dia.xThickness)
Motor Power	Abrasive Wheel Motor: 11kwx2
Speed	Abrasive Wheel: 2160r/min
Workpiece Holding	Vacuum Adsorption
Dimension	3575mmx1256mmx1275mm(长x宽x高)(LxWxH)
Weight	about 2.3T

Machinery Name

Automatic Outer Polishing Machine 3MB4140

Application

For the Outer Bottom,Side,Edge polishing of SS Cookware.etc.

Machinery Features

The model is widely used for polishing the outer surface(bottom, side & edge)of metal ware, which adopts ComputerNumerical Control (PLC) techniques and auto compensation device to achieve polishing automatically. It is a high efficiencyand ideal machine.



Main technical parameters

Model	3MB4140
Function	outer polish for pan(bottom, side & edge)
Size of Workpiece	$\phi 400\text{mm} \times 300\text{mm}$(直径x高)(Dia.xH)
Size of Abrasive Wheel	$\phi 460\text{mm}$(直径)(Dia.)
Motor Power	Abrasive WheelMotor : 11kwx1, 7.5kwx15.5kwx1
Speed	Abrasive Wheel: 2160r/min
Workpiece Holding	Vacuum Adsorption
Dimension	2100mmx2250mmx2450mm(长x宽x高)(LxWxH)
Weight	about 4T

Machinery Name

3 Heads Outer Polishing Machine 3LM4140-D

Application

For the Outer polishing of Oval SS Cookware.etc.

Machinery Features

This model is developed from 2MB4140 double heads polisher, suitable for rough, mirror effect polishing, adapted PLC controlmodule for easy operation and stable performance, this machine is able to finish rough, fine and mirror polishing processes inone time. It is a high efficiency and ideal machine.



Main technical parameters

Model	3LM4140-D
Function	outer polish for pan
Size of Workpiece	$\phi(140-320)\text{mm} \times (80-260)\text{mm}$ (直径x高)(Dia.xH)
Size of Abrasive Wheel	$\phi 430\text{mm} \times 330\text{mm}$(直径x厚度)(Dia.xThickness)
Motor Power	Abrasive WheelMotor : 11kwx3
Speed	Abrasive Wheel:2160r/min
Workpiece Holding	Vacuum Adsorption
Dimension	3700mmx2000mmx2500mm(长x宽x高)(LxWxH)
Weight	about 4T

Machinery Name

2 Stations Outer Polishing Machine 2MB460

Application

For the Outer polishing of SS Cook-ware.etc.

Machinery Features

2MB460 Two Workpiece Polishing Machine Series is on the basis of the original series products, upgrading of independent innovation and development of replacement products, the work efficiency has greatly improved, compared to similar products at home and abroad, it's in the leading position. This series of polishing machine adopts an integrated working platform. It can be used in the production of polishing the outer surface of all types round metal ware. It can clamp two workpieces for outer surface polishing, greatly improving work efficiency and save manpower.



Main technical parameters

Model	2MB460/中300*300
Function	outer polish for pan
Size of Workpiece	φ(140-300)x300(直径x高)(Dia.xH)
Size of Abrasive Wheel	<φ430mmx330mm(直径x厚度)(Dia.xThickness)
Motor Power	Abrasive Wheel Motor: 11kw x 1 Workpiece Motor: 0.37kw x 2
Workpiece Holding	Vacuum Adsorption
Dimension	2200mmx2000mmx1600mm(长x宽x高)(LxWxH)
Weight	about 2.3T

Machinery Name

4 Stations Bottom Polishing Machine 4SMB460

Application

For the Bottom polishing of SS Cookware.etc.

Machinery Features

Four-workpiece external polishing series products are the newly developed upgraded products based on the original series of the Company, and the work efficiency has been largely improved, taking the leading role in the similar products from home and abroad. The polishing machine in this series is designed with the integrated working table, which allows the installation of four workpieces for external polishing, largely improving the work efficiency and saving the labor force. This machine is applicable for the polishing of external surface of various types of round metallic utensils.



Main technical parameters

Model	outer polish for pan (Bottom)
Function	4
Size of Workpiece	<φ120mmx120mm(直径x高)(Dia.xH)
Size of Abrasive Wheel	<φ400mm(直径)(Dia.)
Motor (for the) Power	Abrasive Wheel Motor : 7.5kw x 1 Abrasive Wheel : 2160r/min Workpiece : 28~140r/min(可调Adjustable)
Speed	
Workpiece Holding	Vacuum Adsorption
Dimension	2100mmx2250mmx2000mm(长x宽x高)(LxWxH)
Weight	about 3T

Machinery Name

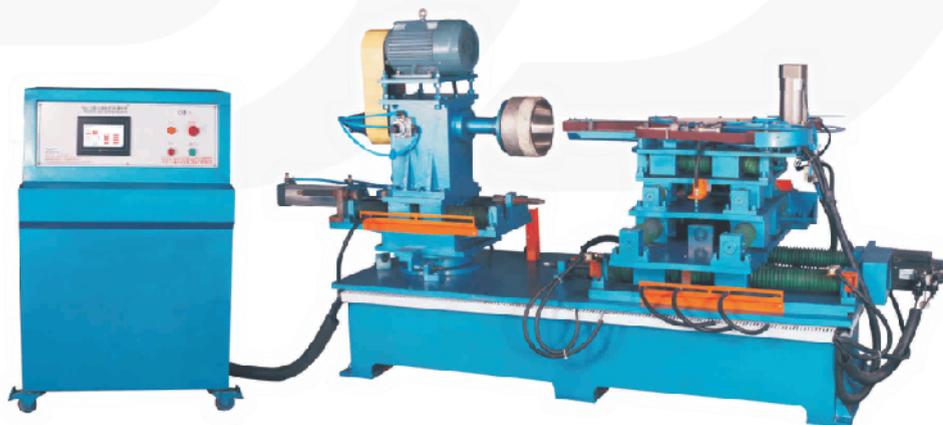
NSJ-ZD Horizontal Outer&Inner Sanding Machine

Application

For the outer Sanding of SS
Cookware.etc.

Machinery Features

The model is widely used for sanding the Inner surface and outer surface of metal ware, which adopts Computer Numerical Control (PLC) techniques to achieve sanding automatically.



Main technical parameters

Model	NSJ-ZD
Function	Inner or outer sanding for metal ware
Size of Workpiece	φ(160~320)mmx(50~300)mm(直径x高)(Dia.xH)
Size of Abrasive Wheel	< 50mx33mm(长度x宽度)(LxW)
Motor(for the) Power	Workpiece Motor : 4kwx1 Sanding Motor : 1.5kwx2 Scroll Motor :0.18kwx1
Speed	Workpiece : 70~1450r/min(可调 Adjustable)
Workpiece Holding	Vacuum Adsorption
Dimension	2600mmx1250mmx1450mm(长x宽x高)(LxWxH)
Weight	about 1.5T

Machinery Name

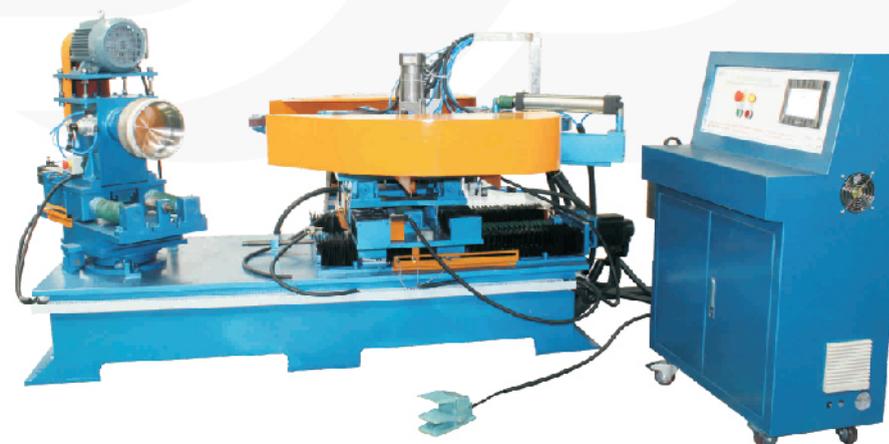
S207D Horizontal 2 Heads Inner Sanding Machine

Application

For the outer&Inner Sanding of SS
Cookware.etc.

Machinery Features

This machine is widely used in metal ware inside or outside sanding.Two sanding stations can take turns to work so it can continuously complete the rough sanding and the fine sanding process.It has PLC automatic operating system and CNC programming. This machine is convenient operation, saving labor and keeping environmental safety.



Main technical parameters

Model	S207D
Function	Inner or outer sanding for metal ware
Size of Workpiece	φ(160~320)mmx(50~300)mm(直径x高)(Dia.xH)
Size of Abrasive Wheel	<50mx33mm(长度x宽度)(LxW)
Motor(for the) Power	Workpiece Motor : 4kwx1 Sanding Motor : 1.5kwx2 Scroll Motor :0.18kwx1
Speed	Workpiece:70~1450r/min(可调 Adjustable)
Workpiece Holding	Vacuum Adsorption
Dimension	2600mmx2000mmx1450mm(长x宽x高)(LxWxH)
Weight	about 1.7T

Machinery Name

For the Bottom Sanding of SS Cookware.etc.

Application

For the inner polishing of Big SS Cookware.etc.

Machinery Features

Sanding machine is mainly used for sanding of both outside surface and inside surface of the stainless steel wares. Standard Model: rotationspeed of axes is 1800r/min. main axes clutching brake fixture ispneumatic clutching, equipped with vacuum attracting fixture.



Main technical parameters

Model	MDJ
Function	Inner or outer sanding for metal ware
Size of Workpiece	φ(100~350)mm(直径) (Dia.)
Motor (for the) Power	Workpiece Motor : 4kwx1
Speed	Workpiece : 800r/min(可调 Adjustable)
Workpiece Holding	Vacuum Adsorption
Dimension	810mmx760mmx1220mm(长x宽x高)(LxWxH)
Weight	about 0.5T

Machinery Name

MBE-20109 Edge Polishing Machine

Application

For the Edge Polishing of SS Cookware.etc.

Machinery Features

This is high efficient semi-auto polisher, can use flax or cloth polishing wheel for edge polishing. Inching control for thepolishing wheel.



Main technical parameters

Model	MBE-20109
Function	edge polish for metal ware
Size of Workpiece	<φ320mmx250mm(直径x高)(Dia.xH)
Size of Abrasive Wheel	<φ200mmx60mm(直径x厚度)(Dia.xThickness)
Motor (for the) Power	Abrasive WheelMotor : 4kwx1 Workpiece Motor : 0.75kwx1 Workpiece Reciprocating Motor : 0.37kwx1
Speed	Abrasive Wheel:2900r/min Workpiece:28~140r/min(可调Adjustable)
Workpiece Holding	Vacuum Adsorption
Dimension	1700mmx850mmx2200mm(长x宽x高)(LxWxH)
Weight	about 1.3T

LONG HANDLES



LONG HANDLES



SIDE HANDLES



BAKELITE HANDLES



TOP HOLDER



SS COIL,TRIPLY CIRCLE, ALU.CIRCLES

