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PT. Global Machine Tools
Specialist Supplier Machine

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PT GLOBAL MACHINE TOOLS

We are leading company for supply machine and tools in Indonesia, since 2015. We have sales team and engineering team with experience in this business. And also we have many partner In China and Taiwan (Maker Machine), so can give best price to customer in Indonesia with quality.

Our Main Bussiness :

Sheet Metal Machine : Shearing, Press Brake, Notcher, Plasma, Laser, Hairline, Polishing, Roll, etc

Cutting Metal Machine : Lathe, Milling, Bandsaw, Shapping, Grinding, Radial Drilling, etc

Welding Equipment : Welding Rotator, Positioner, Robot, etc

Handling and Lifting Material Equipment

etc

Our Vision : Make Company as Leader for Supply Machinery and Equipment with Low Price but High Quality, and give Best service for Customer.

Our Mission : Cooperate with Customer to growth together, with supply good product, good price, good service, so Customer satisfied. Because customer satisfaction is our priority

Content:

Press Brake Machine	01 - 04
Shearing Machine	05 - 08
Mechanical Shearing Machine	09
Hand Folding Machine	10
Notching Machine	11 - 12
Roll Plat Machine	13 - 16
Iron Worker Machine	17 - 18
Plasma Cutting Machine	19 - 22
Laser Cutting Machine	23 - 26
Laser Pipe Cutting Machine	27 - 28
Hand Held 3 in 1 Laser Welding Machine	29
Surface Grinding/Polishing/Hairline Machine	30
Pipe Bending Machine	31 - 32
Profile Bending Machine.....	33
Welding Rotators	34
Welding Manipulator	35
Welding Positioner.....	36
Press Hydraulic Machine	37 - 38
Power Press/Pon Machine	39 - 40
V Cutting Machine	41 - 42
Lathe Machine	43 - 50
Milling Machine	51 - 52
Radial Bor Machine	53 - 54
Surface Grinding Machine	55 - 56
Slotting Machine	57
Shapping Machine	58
Bandsaw Machine	59
Horizontal Boring Machine	60
Roll Forming	61 - 64
Busbar Machine	65
Lock Forming Machine	65
Hydraulic Seam Closing Machine	66
Corner Bending Machine	66
Spiral Pipe Duct Machine	66
Upper Mold - Lower Mold Press Brake	67

PRESS BRAKE MACHINE

HPES

PRESS BRAKE

HPES SERIES PRESS BRAKE

PRODUCT FEATURES :

1. Best selling more than 10 years.
2. Estun E21 NC system or HC-01 Economy CNC system.
3. X/Y two axis control with easy operation.
4. All euro security standard.
5. Mechanical clamp.
6. High hardness backgauge & finger stop.
7. Durable accessory brands.



Ball screw and line guide



Manual lubrication



Type	Nominal Pressure (KNS)	Working Table Length (MM)	Distance Between Columns (MM)	Throat Depth (MM)	Ram Stroke (MM)	Open Height (MM)	Repeated Positioning Accuracy of Slider (MM)	Main Power (KW)	Overall Dimension (L*W*H)MM	Weight (TONS)	Lower Die
40T1500	400	1500	1000	230	100	320	0.01	4	1800×1200×1900	2.2	55
40T2000	400	2000	1500	230	100	320	0.01	4	2300×1200×1900	2.6	55
40T2500	400	2500	2000	230	100	320	0.01	4	2800×1200×1900	3	55
63T2000	630	2000	1500	250	100	320	0.01	5.5	2300×1300×2100	3.8	65
63T2500	630	2500	2000	250	100	320	0.01	5.5	2800×1300×2100	4.2	65
80T2000	800	2000	1500	320	120	350	0.01	7.5	2300×1300×2200	4.2	80
80T2500	800	2500	2000	320	120	350	0.01	7.5	2800×1300×2200	4.6	80
80T3200	800	3200	2600	320	120	350	0.01	7.5	3500×1300×2200	5.3	80
100T2500	1000	2500	2000	320	120	370	0.01	7.5	2800×1400×2250	5.5	95
100T3200	1000	3200	2600	320	120	370	0.01	7.5	3500×1400×2300	6.3	95
100T4000	1000	4000	3200	320	120	370	0.01	7.5	4300×1400×2350	7.5	95
125T2500	1250	2500	2000	320	120	370	0.01	7.5	2800×1400×2250	5.8	95
125T3200	1250	3200	2600	320	120	370	0.01	7.5	3500×1400×2300	6.8	95
125T4000	1250	4000	3200	320	120	370	0.01	7.5	4300×1400×2350	7.9	95
160T2500	1600	2500	2000	320	200	460	0.01	11	2800×1600×2450	7.8	110
160T3200	1600	3200	2600	320	200	460	0.01	11	3500×1600×2500	9	110
160T4000	1600	4000	3200	320	200	460	0.01	11	4300×1600×2550	10.3	110
200T2500	2000	2500	2000	350	200	460	0.01	15	2800×1700×2500	8.8	120
200T3200	2000	3200	2600	350	200	460	0.01	15	3500×1700×2600	10.2	120
200T4000	2000	4000	3200	350	200	460	0.01	15	4300×1700×2700	11.6	120
250T3200	2500	3200	2600	400	220	500	0.01	18.5	3500×1800×2650	12.5	130
250T4000	2500	4000	3200	400	220	500	0.01	18.5	4300×1800×2750	14.2	130
300T3200	3000	3200	2600	400	250	500	0.01	22	3500×1900×2700	14.6	150
300T4000	3000	4000	3200	400	250	500	0.01	22	4300×1900×2800	17	150
400T3200	4000	3200	2600	400	250	540	0.01	30	3500×2000×2800	17.6	160
400T4000	4000	4000	3200	400	250	540	0.01	30	4300×2000×2900	20	160

EPT-CNC PRESS BRAKE

DELEM SYSTEM CNC SERIES



DA-53T FEATURES:

- ✓ 1. "Hot-key" touch navigation.
- ✓ 2. 10.1" high resolution colour TFT.
- ✓ 3. Up to 4 axis (Y1,Y2 + 2 aux. axis).
- ✓ 4. Crowning control.
- ✓ 5. Tool / material / product library.
- ✓ 6. Servo and frequency inverter control.
- ✓ 7. Advanced Y-axis control algorithms for closed-loop as well as open-loop valves.
- ✓ 8. TandemLink (option).
- ✓ 9. USB memory stick interfacing.
- ✓ 10. Profile-53TL offline software.



THE MAIN COMPONENTS OF THE MACHINE

1. Two line-guides for the feeding table movement
2. Electric crowning V
3. High quality sealed oil tank
4. European quality safety relay
5. Adjustable smooth move feeding table
6. High standards EU requirements for painting
7. EU version of heightening blackening quick clip-system
8. EU type 4-V with slot V insertion possibility
9. High strength square after punching protection
10. High precision moving fingers under the control of double linear guide rails



OPTIONAL COMPONENTS

1. China CE light curtain or DSP light curtain
2. Rear side light curtain fence



SHEARING MACHINE (Swing Beam)



OPTIONAL COMPONENTS

- Frequency transformer for high precision x axis control
- hydraulic rexroth system
- blade material 6CrW2Si hardened
- manual lubrication system
- delem dac310 cnc system alternative

	4mm-2500	6mm-2500	6mm-3200	6mm-4000	8mm-2500	8mm-3200	8mm-4000	10mm-3200	10mm-4000	13mm-3200	13mm-4000
Cutting Length (mm)	2500	2500	3200	4000	2500	3200	4000	3200	4000	3200	4000
Material Max (Mild Steel)	4	6	6	6	8	8	8	10	10	13	13
Shear Angle	1.30°	1.30°	1.30°	1.30°	1.30°	1.30°	1.30°	1.30°	1.30°	1.30°	1.30°
Throat Depth	150	150	150	150	150	150	150	150	150	150	150
Stroke of Backgauge (mm)	780	780	780	780	780	780	780	780	780	780	780
Height of Table	780	780	780	780	800	800	800	800	800	850	850
Main Motor (kw)	4	7.5	7.5	7.5	11	11	11	15	15	18.5	18.5
NC Control	E-21	E-21	E-21	E-21	E-21	E-21	E-21	E-21	E-21	E-21	E-21
Weight of Machine (kg)	33000	4000	5300	6800	6500	6500	7720	8500	9100	10000	11400
Dimensions (mm) Length	3130	3130	3840	4800	3148	3840	4800	3900	4800	3925	4800
Dimensions (mm) Depth	1500	1530	1675	1850	1750	1800	1950	1800	2000	1800	2000
Dimensions (mm) Height	1580	1600	1620	1650	1760	1760	1750	1760	1800	1940	2050

SHEARING MACHINE (Guillotine)



STANDARD COMPONENTS

- motor with CNC programmable back gauge control
- storage 40 programmes, 20 steps per programme
- with stroke limitation cut and rotation facility, batch cutting counting
- machine control panel on front of machine or left side suspending
- motor blade gap adjustment
- system control and adjust various shearing angle
- supplied with front support arms and rearing arm
- rear photocell protection for security
- welding foot pedal control with high quality pneumatic cables
- blade material 9200, 4 edges for cutting facility
- motor Simens and Schneider
- Hydraulic China high quality top brand
- capacities calculated with steel blade strength 450NMM

OPTIONAL COMPONENTS

- Frequency transformer for high precision x axis control
- Hydraulic Boosting system
- Blade material 60HRC54 hardened
- manual lubrication system
- Safety laser 360 system and shearing alternative
- ball or roller feeding front table

Model	Thickness mm	Widthness mm	Stroke Number min-1	Back Gauge Range mm	Shear Angle °	Throat Depth mm	Main Motor Power kw	Dimension(Without Package) mm(LxWxH)
HVR 4x2500	4	2500	25-45	800	0.5-1.5	100	5.5	3000x2000x1850
HVR 6x2500	6	2500	20-45	800	0.5-1.5	125	7.5	3030x2075x1920
HVR 6x3200	6	3200	16-45	800	0.5-1.5	125	7.5	3730x2075x1970
HVR 6x4000	6	4000	14-45	800	0.5-1.5	125	7.5	4530x2075x2080
HVR 6x5000	6	5000	11-40	800	0.5-1.5	125	7.5	5530x2075x2210
HVR 6x6000	6	6000	9-36	800	0.5-1.5	125	11	6530x2075x2520
HVR 7x7000	7	7000	7-28	800	0.5-1.5	125	11	7530x2075x2630
HVR 8x2500	8	2500	20-45	800	0.5-1.5	125	11	3040x2075x1920
HVR 8x3200	8	3200	16-45	800	0.5-1.5	125	11	3740x2075x1920
HVR 12x2500	12	2500	12-35	800	0.5-2	125	15	3110x2575x2210
HVR 12x3200	12	3200	7-35	800	0.5-2	125	15	3810x2575x2420
HVR 12x4000	12	4000	8-35	800	0.5-2	125	15	4610x2575x2530
HVR 16x2500	16	2500	16-40	800	0.5-2.5	125	22	3130x2855x2200
HVR 16x4000	16	4000	12-40	800	0.5-2.5	125	22	4630x2855x2570
HVR 20x2500	20	2500	16-40	800	0.5-2.5	125	30	3160x2855x2300
HVR 20x4000	20	4000	12-40	800	0.5-2.5	125	30	4660x2855x2720
HVR 25x2500	25	2500	8-15	800	0.5-3.5	120	37	3330x2000x2650
HVR 25x3200	25	3200	8-15	800	0.5-3.5	120	37	3970x2100x2685
HVR 25x4000	25	4000	6-12	1000	0.5-3.5	120	37	4760x2500x3150
HVR 32x2500	32	2500	6-12	1000	0.5-3.5	120	45	4100x2300x3200
HVR 32x3200	32	3200	8-12	1000	0.5-3.5	120	55	1900x2650x3450
HVR 40x2500	40	2500	4-10	1000	0.5-3.5	120	75	4100x2550x3500
HVR 40x3200	40	3200	4-10	1000	0.5-3.5	120	75	4900x2900x3750

MECHANICAL SHEARING



Model	Q11-3*1300	Q11-3*1500	Q11-4*2000	Q11-4*2500	Q11-4*3200	Q11-6*2000
Max. shearing thickness(mm)	3	3	4	4	4	6
Max. shearing width(mm)	1300	1500	2000	2500	3200	2000
Shearing angle	3°	3°	2°	2°	1.3°	2°
No. of stroke(per minute)	20	20	20	20	20	20
Motor power(KW)	3	3	5.5	5.5	7.5	7.5
Back gauge(mm)	350	350	500	500	600	500
Packing size(cm)	233*138*154	240*130*144	318*151*149	370*151*149	520*211	328*170*182
N.W./G.W. (kg)	1300/1450	1500/1650	3000/3200	3600/3850	6800/7100	4100/4300

Model	Q11-6*2500	Q11-8*2000	Q11-8*2500	Q11-10*1000	Q11-10*1500
Max. shearing thickness(mm)	6	8	8	10	10
Max. shearing width(mm)	2500	2000	2500	1000	1500
Shearing angle	2°	2°	1.42°	3°	3°
No. of stroke(per minute)	20	20	14	26	20
Motor power(KW)	11	11	11	11	15
Back gauge(mm)	500	500	500	500	500
Packing size(cm)	378*170*182	335*175*182	390*222*244	240*175*185	290*175*182
N.W./G.W. (kg)	5200/5500	4500/4800	6800/7150	3500/3750	4000/4300

HAND FOLDING MACHINE



Model	Capacity(mm)			Packing size(cm)	N.W./G.W.(kg)
	Width	Thickness	Angle		
ZF48	1220mm(48")	2.5mm(12Ga)	0-135°	171*75*94	513/575
ZF80A	2040mm(80")	2.0mm(14Ga)	0-135°	255*76*100	850/1000
ZF80/2.5	2040mm(80")	2.5mm(12Ga)	0-120°	255*76*100	1145/1295
ZF100A	2540mm(100")	2.0mm(14Ga)	0-135°	300*76*100	1190/1360
ZF100/2.5	2540mm(100")	2.5mm(12Ga)	0-135°	300*76*100	1310/1480
ZF120A	3050mm(120")	2.0mm(14Ga)	0-135°	350*76*110	1490/1690

FIXED ANGLE METAL PLATE NOTCHING MACHINE



Fix angle 90° plate shear cutting
Max 6mm thickness cutting
CE Certification and UK market sell
Convenient efficient cutting with competitive price widely used
Blade clearance adjustable
Punching function, bending function designable.



Type	Min cutting thickness(mm)		Max cutting thickness(mm)		Min adjustable Angle	Max adjustable Angle	Weight(kg)	Dimension(mm)
	carbon steel	Stainless steel	carbon steel	Stainless steel				
QF28Y-4*200	0.5	0.5	4	2	90	90	600	850*700*1100
QF28Y-6*200	0.5	0.5	6	3	90	90	980	850*700*1100

VARIOUS ANGLE METAL PLATE NOTCHING MACHINE



Various angle plate notching machine(45-135°)
Max 6MM thickness cutting
CE Certification and UK market sell
Convenient efficient cutting with competitive price widely used
Blade clearance adjustable(Photo)
Punching function, bending function designable.

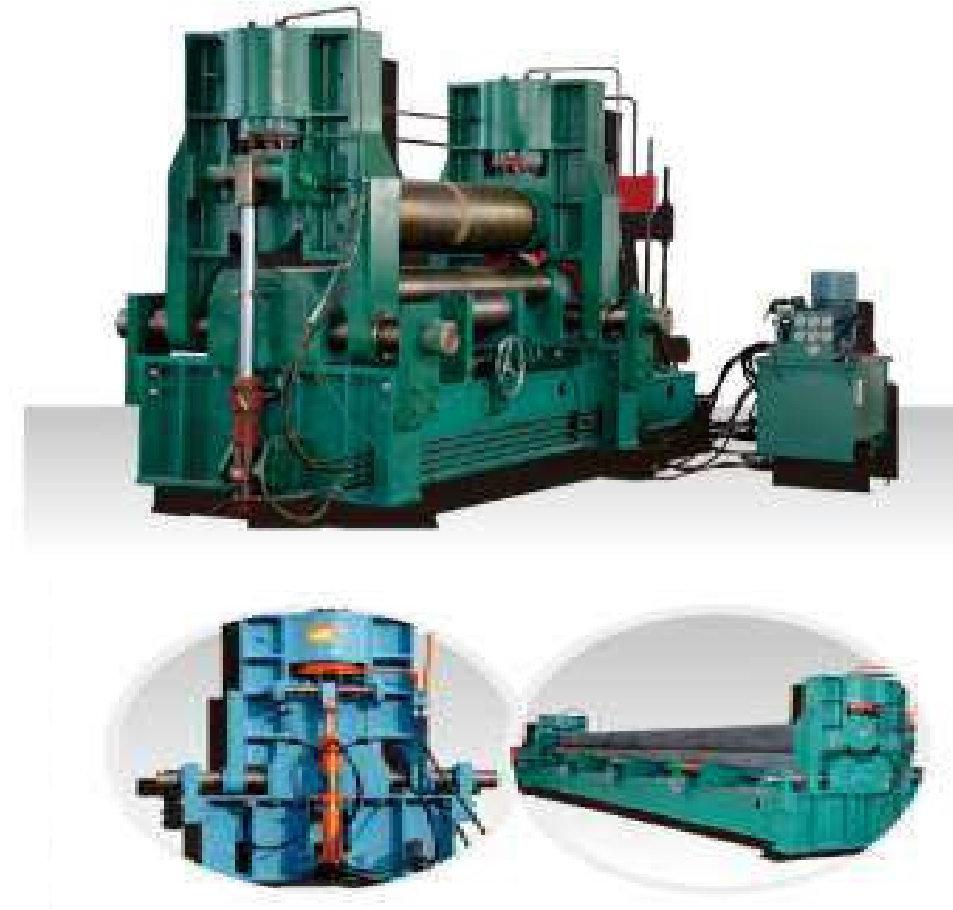


Type	Shearing Angle	Min cutting thickness(mm)		Max cutting thickness(mm)		Min adjustable Angle	Max adjustable Angle	Weight(kg)	Dimension(mm)
		carbon steel	Stainless steel	carbon steel	Stainless steel				
QX28X-4*200	30-135°	0.5	0.5	4	2	45	135	600	850*700*1100
QX28X-6*200	30-135°	0.5	0.5	6	3	45	135	980	850*700*1100

ROLL PLAT MACHINE



Type	Max. Thickness (mm)	Max. Width (mm)	Yield Limit (MPa)	Rolling Speed (m/min)	Mix. Diameter (mm)	Up Roller Diameter (mm)	Bottom Roller Diameter (mm)	Distance Between Two Bottom Rollers (mm)	Main Motor Power (kw)	Dimension(LXWXH) (mm)
PYD 6x1500	6	1500	245	7.16	380	180	170	210	4	3310x1210x1330
PYD 6x2000	6	2000	245	7.16	380	180	170	210	5.5	3310x1210x1330
PYD 6x2500	6	2500	245	7.16	500	190	170	260	5.5	4310x1210x1330
PYD 6x3200	6	3200	245	6.46	500	240	200	310	7.5	5200x1400x1200
PYD 8x2000	8	2000	245	7.16	450	190	170	260	7.5	3810x1210x1330
PYD 8x2500	8	2500	245	6.46	500	240	200	310	11	4500x1420x1610
PYD 12x2000	12	2000	245	6.46	500	240	200	310	11	4050x1420x1610
PYD 12x2500	12	2500	245	5	750	280	240	360	11	5000x1500x1300
PYD 12x3000	12	3000	245	5	650	280	240	360	11	5500x1500x1300
PYD 16x2000	16	2500	245	5	750	280	240	360	11	4500x1500x1300
PYD 16x2500	16	2500	245	5	750	330	240	360	11	5000x1500x1300
PYD 16x3000	16	3000	245	5	900	340	280	440	11	6300x1600x1900
PYD 20x2000	20	2000	245	5	750	280	240	440	11	4500x1500x1300
PYD 20x2500	20	2500	245	5	850	340	280	490	15	5600x1600x1900
PYD 25x2000	25	2000	245	5	850	340	280	490	22	5100x1600x1900
PYD 25x2500	25	2500	245	4.5	900	380	300	600	30	6000x4600x2150
PYD 30x2000	30	2000	245	4.5	900	380	300	600	30	5500x1460x2150
PYD 30x2500	30	2500	245	4.3	1100	460	380	600	37	6900x2300x2800
PYD 30x3000	30	3000	245	5	1200	480	400	600	37	7400x2300x2600
PYD 30x3200	30	3200	245	5	1200	500	400	600	37	7600x2300x2600
PYD 40x2000	40	2000	245	5	1200	480	400	600	37	6400x2300x2800
PYD 40x2500	40	2500	245	5	1400	500	400	600	37	6900x2300x2800
PYD 40x3000	40	3000	245	4.37	1600	500	400	350	45	8000x1980x2250
PYD 50x3000	50	3000	245	4	2000	600	480	700	60	9900x3100x3500
PYD 60x3000	60	3000	245	4	2000	700	560	800	75	9700x3200x2700



Type	Pressure of Up Roller	Max. Plate thickness		Plate width	Up Roller Diameter	Down Roller Diameter	Middle distance	Motor	
		Plate edge	Plate Middle					Drive	Hydraulic
8x1500	25	6	8	1500	175	125	160	3	2.2
6x2000	25	4.5	6	2000	195	125	160	3	2.2
8.5x1500	30	6.5	8.5	1500	185	125	160	3	2.2
7.5x2000	30	5.5	7.5	2000	205	125	160	3	2.2
10x1500	37	8	10	1500	205	135	180	4	2.2
8.5x2000	37	6.5	8.5	2000	220	135	180	4	2.2
8x2500	37	5.7	8	2500	235	135	180	4	2.2
11x1500	45	9	11	1500	215	135	180	4	2.2
10x2000	45	7.5	10	2000	235	135	180	4	2.2
9x2500	45	6.5	9	2500	245	135	180	4	2.2
11x2000	55	9	11	2000	245	145	200	5.5	4
10.5x2500	55	8	10.5	2500	255	145	200	5.5	4
9.5x3000	55	7	9.5	3000	275	145	200	5.5	4
12x2000	65	10	12	2000	250	145	200	5.5	4
11.5x2500	65	9	11.5	2500	265	145	200	5.5	4
10.5x3000	65	8	10.5	3000	280	145	200	5.5	4
15x1200	75	12	15	2000	255	150	245	7.5	4
14x2500	75	10	14	2500	270	150	245	7.5	4
13x3000	75	9	13	3000	290	150	245	7.5	4
17x2500	100	13	17	2500	300	165	270	15	5.5
15x3000	100	11	15	3000	325	165	270	15	5.5
20x2500	130	16	20	2500	330	180	300	15/15	5.5



HYDRAULIC FOUR ROLLER BENDING ROLL MACHINE



Type	预弯厚度 Pre-bending thickness	卷板厚度 Rolling thickness	卷板宽度 Rolling width	屈服极限 Yield Limit	上辊直径 Upper roller diameter	下辊直径 Down roller diameter	侧辊直径 Side roller diameter	卷板厚度 Min. roll thickness	最小卷板直径 Rolling diameter	液压电机功率 Hydraulic Power
4X2000	3	4	2000	245	180	180	140	1.5	270	22.2
4X2500	3	4	2500	245	200	180	160	2	300	3
4X3200	3	4	3200	245	240	220	200	2	360	5.5
6X2000	4	6	2000	245	200	180	160	2	300	5.5
6X2500	4	6	2500	245	220	180	170	2	350	5.5
6X3200	4	6	3200	245	260	240	210	3	400	7.5
8X2000	6	8	2000	245	220	180	170	3	350	5.5
8X2500	6	8	2500	245	240	220	200	3	400	5.5
8X3200	6	8	3200	245	260	260	220	3	500	7.5
10X2000	8	10	2000	245	240	220	200	3	400	5.5
10X2500	8	10	2500	245	260	240	210	3	400	7.5
10X3200	8	10	3200	245	300	280	240	4	550	11
12X2000	10	12	2000	245	260	240	210	4	400	7.5
12X2500	10	12	2500	245	280	280	220	4	450	11
12X3200	10	12	3200	245	320	300	260	4	650	11
16X2000	12	16	2000	245	300	280	240	4	450	11
16X2500	12	16	2500	245	320	300	260	4	500	11
16X3200	12	20	3200	245	360	350	300	5	700	11
20X2000	18	20	2000	245	320	300	260	5	500	11
20X2500	18	20	2500	245	360	320	280	5	600	11
20X3200	18	20	3200	245	420	380	320	5	800	15



IRON WORKER MACHINE



Model		Q35Y-16	Q35Y-20	Q35Y-25	Q35Y-30	Q35Y-40	Q35Y-50
Stamping Pressure	ton	55	75	110	140	200	250
Max cutting thickness	mm	16	20	25	30	35	40
Plate strength	N/mm ²	≤450	≤450	≤450	≤450	≤450	≤450
Cutting angle	°	7°	8°	8°	8°	8°	8°
Shearing size of one stroke	mm	160x250 8x400	200x330 10x480	250x330 16x600	300x365 20x600	350x400 25x700	400x400 30x750
Ram stroke	mm	80	80	80	80	100	100
Number of stroke	/min	8	8	8	8	8-24	8-24
Throat depth	mm	300	355	400	600	600	600
Punching thickness	mm	16	20	25	26	35	35
Max punching diameter	mm	25	30	35	38	40	45
Power of main motor	kw	4	5.5	7.5	11	15	18.5
Overall dimensions	L*mm	1640	1890	2355	2680	2800	3000
LxWxH	W*mm	730	800	980	1040	1180	1440
	H*mm	1770	1900	2090	2300	2400	2450
Weight	KG	1800	2000	4800	6800	8200	12800

Q35Y Series multi-function hydraulic ironworker has combined function for punching and shearing for plates, square steel, round steel, channel steel, angle steel, I-Beam and other kinds of steel. And can bend for the plate less than 500MM. There are high requirement in every components both in security, maintenance and machine performance. It is ideal machine for all metal plate solution manufactories.

Steel category	Round Bar	Square Bar	Equal Angle 90° Shearing	Iron	Channel steel
Section view					
Q35Y-16	45	40*40	125*125*12	125*74*5	125*53*5.5
Q35Y-20	50	50*50	140*140*12	160*86*6	160*60*6.5
Q35Y-25	60	50*50	160*160*14	200*102*9	200*75*9
Q35Y-30	65	55*55	180*180*16	250*124*10.5	250*86*11.5
Q35Y-40	75	60*60	200*200*16	320*134*13.5	320*92*12
Q35Y-50	90	65*65	200*200*20	360*140*14	360*100*13



PORTABLE CNC PLASMA/FLAME CUTTING MACHINE



economical and practical . suitable for medium and small plasma cutting
 Small volume, light weight, can be mobile, does not occupy a fixed site
 The built-in graphics database,store inside 1000 programme waiting for cutting
 High quality components ,main components from well-know enterprise
 Plasma cutting function interface
 Plasma arc voltage and anti - collision device according to the customer needs



Torque quantity	one torch
Cutting thickness	File 6-60MM plasma (according to the plasma power supply)
CNC system	Beijing Stars/Shanghai Jiaotong University
Cutting speed	10-3500MM/MIN
Drive style	Double axle double guide rail single drive
Plasma power supply	China Brand/USA Hypertherm/USA Victor
Working power supply	220V,500-1000W
Function	fire/plasma cutting alternative

GANTRY TYPE FLAME/PLASMA CUTTING MACHINE



Dual drive ,stable performance
 Cross beam adopts optical axis linear guide to assure cutting accuracy.
 Can configurate multiple gas or plasma station and auto torch height control system .
 Rail guides,Price-effective
 Box type welding, structural stability
 Crossbeam adopt tempering treatment to eliminate stress
 Autoignite,automatic height-adjustment(voltage or arc voltage)
 CNC programming is Autcad software based software FASTCAM
 Panasonic servo motor and planetary reducer



TABLE TYPE FLAME AND PLASMA CUTTING MACHINE



Welded lathe bed of thick profiled steel, more solid and stable.

Perfect lathe table design, 10mm steel plates fixed on lathe table covered by cast sheath. The level difference of platform remains in 0-1.5mm..

Advanced material inclined discharging design. All finished work pieces and fragments slide into both sides of tunnel for safe and convenient collection.

Japan Servo motor, Taiwan servo redactor and high-accurate rack transmission. Lower noise, stable and accurate coordinate movement.

American Hypertherm power(optional Cut-Master power)together with high-sensitive arc pressure adjuster.

Self-adjusting to choose the best distance between plasma head and work piece automatically in order to ensure cutting accuracy.



海宝等离子电源/Hypertherm



型号	最大电流	最大电流	工作电压	功率	暂载率	质量切割厚度	穿孔厚度	切断厚度
Model	Max Current	Max Current	Voltage	Power	Duty cycle	Quality cutting	Hole cutting Carbon/Stainless/Aluminum	Brake thickness
HPR800XD	800A	800A	Optional	160KW	100%	≤38mm	≤50/75/75mm	≤80/160/160mm
HPR400XD	400A	400A		80KW	100%	≤38mm	≤50/45/45mm	≤80/80/80mm
HPR260XD	260A	260A		45.5KW	100%	≤32mm	≤38/32/25mm	≤64/50/50mm
HPR130XD	130A	130A		19.5KW	100%	≤16mm	≤32/20/20mm	≤38/25/25mm
Maxpro200	200A	200A		33KW	100%	≤20mm	≤32/25/32mm	≤75/64/75mm
Powermax 125	125A	125A	380V±10% 3PH	21.9KW	100%	≤25mm	≤25mm	≤57mm
Powermax 105	105A	105A	380V±10% 3PH 200-600V 3PH	16.8KW	80%	≤22/20/20mm	≤22/20/20mm	≤50mm
Powermax 85	85A	85A	400V±10% 3PH 200-600V 3PH	12.2KW	60%	≤20/16/16mm	≤20/16/16mm	≤38mm
Powermax 65	65A	65A	400V±10% 3PH 200-600V 3PH	8.4KW	50%	≤16/12/12mm	≤16/12/12mm	≤32mm
Powermax 45	45A	45A	400V±10% 3PH 200-600V 3PH	5.9KW	50%	≤12/10/10mm	≤12/10/10mm	≤25mm

INVERTER AIR PLASMA CUTTING HUAYUAN



Item	Unit	Models					
		LGK-63IGBT	LGK-100IGBT	LGK-120IGBT	LGK-200IGBT	LGK-300IGBT	LGK-400IGBT
Input Power	V/Hz	3~ 380V± 15% 50/60 Hz					
Rated Input capacity	KVA	9.5	17.8	22.2	38.8	70.1	93.5
Rated Input Current	A	14.5	27	34	71	100	138
Rated Open Circuit Voltage	V	300	300	300	315	380	380
Rated Cutting Current	A	63	100	120	200	300	400
Rated Cutting Voltage	V	106	120	128	160	200	200
Current Adj Range	A	30~63	30~100	30~120	40~200	60~300	60~400
Max Cut Thickness(Steel)	mm	25	40	45	65	80	90
Quality Cutting Thickness(Steel, hand-held)	mm	0.3~12	0.3~22	0.3~25	1~45	1~50	1~50
Quality Cutting Thickness(Steel, machine)	mm	6	12	15	25	35	40
Plasma gas	-	Compressed Air					
Air Pressure	Mpa	0.3~0.5	0.45~0.6			0.45~0.6	
Output Signal of Arc Voltage	-	1: 1 / 1: 20 1: 50 / 1: 100 Arc Voltage					
Cutting Torch Cooling Mode	-	Air cooling			Air cooling/Water cooling		
Rated Duty Cycle	%	60/40° C	100/40° C				
Insulation Grade	-	F					
Protection Grade	-	IP21S					
Dimensions(Lx Wx H)	mm	585x280x485	695x 320x 580	800x 380x 810	890x 420x 900		
Power Source N. W.	Kg	26	51	52	82	140	145

LASER CUTTING MACHINE

VL-FS SERIES

全包围交换台面激光切割机
ALL COVER EXCHANGE PLATFORM LASER CUTTING MACHINE



VL-FTR SERIES

管板一体激光切割机
DUAL-USE METAL LASER CUTTING MACHINE



可选定制 Option :
根据需要定制 According to demands

全包围交换台面激光切割机主要特点

- 封闭式加工环境，防尘、防锈、安全环保。
- 整体采用进口材料和部件，高精度材料精密，耐用性好，使用寿命长。
- 进口高精度传动系统与伺服系统完美结合，保证切割精度与效率。
- 专业激光切割控制系统，自动寻边，自动送料，能大幅降低生产成本。
- 配置快速交换工作台，优化工作流提升产能。

全包围交换台面激光切割机主要特点

- Closed enclosed environment to dust, rust and safety protection.
- Import high-precision parts, machine body, high-precision automatic control system, good quality, stable performance.
- Imported high-precision transmission system which is perfectly matched with servo system, high-precision cutting accuracy and efficiency.
- Professional laser cutting CNC system, automatic edge finding and automatic feeding, improve the efficiency of metal processing and production.
- Customized quick exchange table to optimize workflow and improve efficiency.

技术参数 / Technical parameters

型号	Model	V3015	V4020	V6020
切割范围	Cutting range	3000*1500mm	4000*2000mm	6000*2000mm
激光功率	Laser power	4000W, 3000W, 2000W, 1500W, 1000W		
定位精度	Positioning accuracy	0.05mm	0.05mm	
重复定位精度	Reposition accuracy	0.02mm	0.02mm	

管板一体激光切割机主要特点

- Bodor自主研发，新款管板一体激光切割机，实现了管材、板材一台设备切割，大大节省了成本与空间。
- 加工范围广，不同直径、长度的管材均可加工。
- 采用电动旋转轴，速度可调，操作方便，具有低噪音、高转速、精度高的特点。
- 可以切割不锈钢，是专业加工管材、钢板及管道的最佳选择！

管板一体激光切割机主要特点

- Bodor self-developed tubular and plate working machine combination can high cost and space.
- Available for different diameter and length tube.
- Electric-driven motor in rotary device adjust speed freely, easy work lower noise, high speed, high accuracy.
- Intersecting line can be cut best choice for tubular construction.

技术参数 / Technical parameters

型号	Model	V3015T	V6015T
切割范围	Cutting range	3000*1500mm	6000*1500mm
管材最大长度	Maximum length	3000mm, 6000mm	
激光功率	Laser power	4000W, 3000W, 2000W, 1500W, 1000W	
定位精度	Positioning accuracy	0.05mm	0.05mm
重复定位精度	Reposition accuracy	0.02mm	0.02mm

LASER CUTTING MACHINE

VL-RF SERIES

三维激光切割机
3D LASER CUTTING MACHINE



VL-FT SERIES

开放式单台面激光切割机
OPEN MESA OF SINGLE LASER CUTTING MACHINE



技术参数 / Technical parameters

型号	Model	VL-RF Series
激光器类型	Laser type	光纤激光器 Fiber laser
可选配激光器功率	Optional laser power	300W-2000W
加工半径	Cutting radius	R1.8m (可选 Option: R1.4m, R2.0m)

技术参数 / Technical parameters

型号	Model	V3015	V6015	V4020	V6020
切割范围	Cutting range	3000*1500mm	6000*1500mm	4000*2000mm	6000*2000mm
激光功率	Laser power	4000W, 3000W, 2000W, 1500W, 2000W			
定位精度	Positioning accuracy	0.03mm	0.05mm		
重复定位精度	Reposition accuracy	0.02mm	0.03mm		

主要优势 / Advantages

- 超群精度：采用高精度机床制造，配合高精度运动系统，机床精度长时间稳定不变从而保障切割精度。
- 超高效率：电光转换率是 CO₂ 激光切割机的 3 倍，耗电仅为 CO₂ 的 20%，切割速度可比同功率 CO₂ 激光切割机快 3 倍。
- 超群性价比：光路寿命长，维护简单，使用维护成本低。

Your Laser Cutting Machine: Main Features

- Low cost: High power consumption is only 20-30% of CO₂ laser
- High speed: 2-3 times faster than CO₂ laser
- High accuracy: fine laser beam, precision
- Low maintenance: almost zero maintenance cost

LASER PIPE CUT OFF MACHINE



LASER PIPE CUTTING MACHINE

Product Description

This machine is used for cutting metal round and square tubes, angle steel, channel steel. The chuck is 100mm

Main technical parameters of the equipment

Cutable Material Type	Round tube, Square tube, Rectangular tube, Angle steel, channel steel
Fiber cutting tube wall thickness	1500W can cut max 5 mm stainless steel, and often cut thickness within 3mm stainless steel
Cut material length	6000mm
Diagonal Section	100mm
Equipment weight	4800KG
Positioning accuracy	0.05-0.1mm
Cutting accuracy	0.2-0.6mm
The maximum load	4800KGS
The maximum driving speed	60M/minute
The maximum acceleration	0.8 G



Dimensions of laser cutting machine: length, width, and height (8060 × 800 × 1568)

Action behavior in automatic mode:

1. Manual discharge and automatic material dropping into the groove of the roller
2. Roller clamping feeding - → Touch the limit cylinder
3. Chuck clamping (limit cylinder retreat)
4. Chuck rotary cutting
5. Limit cylinder forward → Chuck release
6. Repeat the second step (repeat the first action after no material induction)

Main Equipment Configuration List

Item	name	qty	brand
1	Laser Source	unit	Max
2	Laser Cnc system	unit	Keplin China
3	Laser head	unit	Raytools
4	Auto feeding	unit	HECTMAC
5	Electric part	unit	Schneider / Chint
6	Cooling	unit	Hanli
7	Machine main system	unit	Wacon
8	chuck	unit	HECTMAC

Hand-Held 3 in 1 Laser Welding Machine



Specification

产品型号	Model	DH-1000W	DH-1500W	DH-2000W
额定输出功率	Rated output power	1000W	1500W	2000W
输出光纤长度	Output fiber length	10M		
焊接厚度	Welding thickness	0.3mm-3mm	0.3mm-4mm	0.3mm-5.5mm
电压要求	Voltage	220V ± 10V	220V ± 10V	220V ± 10V
指示光	Indicator light	红光 Red Light		
冷却方式	Cooling method	水冷 Water cooling		
最大支持气压	Max pressure	10bar		
整机功率	Total Power	6KW	7KW	9KW
工作模式	Working mode	连续 / 调制 Continuous / modulation		
安放环境	Working environment	平整、无振动和冲击 Flat, no vibration and shock		
工作湿度 (%)	Working humidity	<70		
工作环境温度 (°C)	Operating temperature	-10~45 °C		



Surface Grinding / Polishing / Hairline Machine



Technical data

Sheet thickness	0.5 - 3.0mm
Sheet width	≤1250mm
Sheet length	≥500mm
Feeding speed	Adjustable
Motor power source (four head)	33KW
Including feeding motor	3KW
Grinding head power	7.5KW/each
Laminator machine	1.5KW



PIPE BENDING MACHINE

SB20CNCX4A-2S

Numerical pipe bending machine



SINGLE HEAD

Hydraulic pipe bending machine



High-performance medium pipe, NC control, using multiple programs and perspectives, setting, operation and programming setting easier, used widely, and can be used for mass production or standardized products such as pipe, seat, bumper and all steel furniture etc.

SINGLE HEAD

Hydraulic pipe bending machine



Automobile fittings(brake lever,silencer,seals and others),motorcycle,body-building equipment,air conditioner,bicycle,steel-made furniture,sewage equipment and other manufacturing trades.

Item/model	SB63CNC	SB75CNC	SB89CNC	SB100CNC	SB120CNC
Max. steel pipe for bending radius 1.5D for example	φ51.5X2.0t	φ76.2X2.0t	φ88.9X2.0t	φ100X2.0t	φ120X1.6
Max. feeding schedule(b)	2500mm	2800mm	3000mm	3000mm	3500mm
Feeding	Sent straight	Sent straight	Sent straight	Sent straight or clip send	Sent straight or clip send
Max. bending radius	250mm	300mm	300mm	350mm	350mm
Max. bending angle	85°	85°	85°	90°	90°
No. of bent pipes per fitting can be set	16	16	16	16	16
No. of fitting profiles can be set	200	200	200	200	200
Working speed	Bend pipe velocity	Max.35deg/s	Max.30deg/s	Max.25deg/s	Max.30deg/s
	Turn the speed	Max.270deg/s	Max.180deg/s	Max.180deg/s	Max.160deg/s
	Feeding speed	Max.300mm/s	Max.700mm/s	Max.700mm/s	Max.800mm/s
Precision	Bend angle	±0.15°	±0.15°	±0.15°	±0.1°
	Turning angle tubes	±0.1°	±0.1°	±0.1°	±0.1°
	Feeding length	±0.1mm	±0.1mm	±0.1mm	±0.1mm
The data input mode		(Y&C)	(Y&C)	(Y&C)	(Y&C)
Turn tube servo motor power		450w	750w	750w	750w



Model	SB38	SB50	SB63	SB75/80	SB89
Item	SB38NC	SB50NC	SB63NC	SB75NC/80NC	SB89NC
Max. steel pipe for bending radius 1.5D for example	φ38.1×3.0t φ31.75×3.0t	φ50.8×3.0t φ44.45×4.8t	φ63.5×2.5t φ57.15×3.0t	φ76.20×2.5t φ69.85×3.0t	φ89×2.0t
Max. SS pipe for bending radius 1.5D for example	φ31.75×3.0t	φ31.75×3.0t	φ57.15×2.0t	φ69.85×2.5t	φ76×2.0t
Max. wear core length(a)	1700mm	2210mm	2210mm	2700mm	2700mm
Max. bending radius	200mm	250mm	250mm	300mm	300mm
	200mm	220mm	220mm	250mm	250mm
Max. bending angle	185°	185°	185°	185°	185°
No. of bent pipes per fitting can be set	2/9	2/9	2/9	2/9	2/9
Max. hydraulic pressure	12Mpa	14Mpa	14Mpa	14Mpa	14Mpa
Machine weight (kg)	900kg	1200kg	1300kg	2500kg	2600kg
L.W.H machine (cm)	270×60×125	350×70×130	350×70×130	415×100×115	420×115×120

Item/Model	SB100NC	SB120NC	SB130NC	SB168NC	SB189NC	SB219NC
Max. steel pipe for bending radius 1.5D for example	φ101.6×2.2t φ88.9×2.5t	φ120×15t	φ127×10t	φ168×14t	φ189×16t	φ219×16t
Max. SS pipe for bending radius 1.5D for example	φ101.6×2.0t	φ120×8.0t	φ31.75×3.0t	φ57.15×2.0t	φ69.85×2.5t	φ76×2.0t
Max. wear core length(a)	3100mm	4250mm	4600mm	5500mm	5500mm	5500mm
Max. bending radius	300mm	450mm	500mm	600mm	600mm	600mm
Max. bending angle	185°	185°	185°	185°	185°	185°
No. of bent pipes per fitting can be set	9	9	9	9	9	9
Max. hydraulic pressure	14Mpa	14Mpa	14Mpa	14Mpa	16Mpa	16Mpa
Machine weight (kg)	3000	5000	8000	15000	18000	22000
L.W.H machine (cm)	505×130×125	560×200×140	560×200×140	620×200×140	800×200×166	880×245×190

PROFILE BENDING



Customer-tailored tools



Specially-treated rollers



Operation system



Round rollers



Round bar bending



Square bar bending



Flat bar profile bending

Maximum bending section modulus of profile		GJW24-16	GJW24-45	GJW24-75
		$\Delta S=250$		
Inward bending of angle steel	The max cross section(mm)	80*8	100*10	120*12
	The min bending	1000	1500	2000
	The min cross section(mm)	30*3	36*5	38*4
Outward bending of angle steel	The min bending	550	600	600
	The max cross section(mm)	80*8	100*10	120*12
	The min bending	1000	1300	1600
Outward bending of channel steel	The min cross section(mm)	30*3	36*5	38*4
	The min bending	550	600	700
	Channel steel model	12	20	25
Inward bending of channel steel	The min bending	800	1000	1100
	Channel steel model	12	20	25
	The min bending radius(mm)	900	1150	1600
Plane bending of flat steel	The max cross section(mm)	150*25	200*30	220*40
	The min bending	700	900	1000
	The max cross section(mm)	75*16	100*25	110*40
Vertical bending of flat steel	The min bending	760	1000	1100
	The max cross section(mm)	76*4.5	89*8	114*5
	The min bending	750	900	1200
Bending of round pipe	The max cross section(mm)	52	75	85
	The min bending	600	800	100
	The max cross section(mm)	60*4	80*6	90*8
Bending of round bar	The min bending	900	1200	1600
	The max cross section(mm)			
	The min bending			
Bending of square pipe	The max cross section(mm)			
	The min bending			
	The max cross section(mm)			
	The min bending			

WELDING ROTATORS

The hgz, hgk type welding rotators have advantages of the same kinds of products in domestic and international. We design and make them according to the requirement of the pressure vessel factory. These products are applied in the handling and automatic welding of the metal circle containers, they have many advantages such as advanced technology, dependable quality, easy operation.

The rotators have two kinds, conventional and adjustable, it can used in all kinds of the diameter, and frequency conversion setting, low sound, work placidity.



可調轉速輪架
Adjustable rotators series



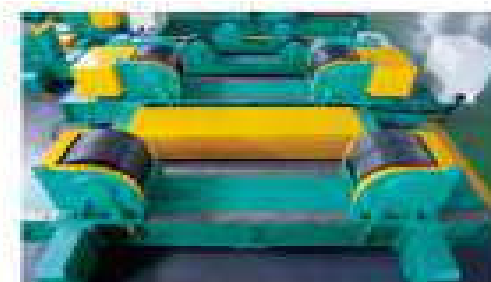
自調轉速輪架
Conventional rotators series

设备技术参数表 Parameter

规格型号 (Model)				HGZ-5	HGZ-10	HGZ-20	HGZ-30	HGZ-40	HGZ-60	HGZ-80	HGZ-100
载重 (Load) t				5	10	20	30	40	60	80	100
滚轮组 Wheels	两只 Two	金属轮 Metal rollers	直径 mm Diameter	244	294	344	340	394	444	494	494
			宽度 mm Width	20	25	30	30	40	50	60	80
	一只 One	橡胶轮 Rubbers rollers	直径 mm Diameter	250	300	350	350	400	450	500	500
			宽度 mm Width	100	120	120	120	120	120	120	120
筒体直径 Tube body diameter	最小 (Min) mm			250	320	500	530	600	750	850	1000
	最大 (Max) mm			2300	2800	3500	3700	4200	4800	5000	5500
滚轮速度 (Wheel velocity) m/h				6-60	6-60	6-60	6-60	6-60	6-60	6-60	6-60



其他滚轮架 Special-purpose Rotators



批量生产的自调式滚轮架
Welding turning roller of Batch production



批量生产的滚轮架
Welding turning roller of Batch production

WELDING MANIPULATOR



焊接操作架
Welding manipulator



移动式焊接操作架
Moving manipulator



环缝焊接
Welding for circle



悬臂焊
Cantilever welding



1×1焊架
1×1 Welding manipulator



2×2焊架
2×2 Welding manipulator

WELDING POSITIONER

变位机主要由工作台、回转机构、翻转机构、导电装置、机架和电控箱组成。

工作台安装在回转机构中减速箱输出轴上，由回转机构带动回转，其上T型槽，可安装T型槽用螺栓，使工件稳定地固定在工作台上。

机架主要起支承与连接的作用，其结构为箱型结构，具有很强的承载能力。其材料为Q235-A钢材，焊后退火处理后再进行精加工，以消除焊接应力变形。

Welding positioner include the welding table, rotation, tilt, conduct and electric control.

Worktable is mounted in the rotation mechanism, driven by the rotation mechanism, workpiece may be mounted to the T-slot with the bolt, so that the workpiece to be stably fixed on the work bench.

Frame play a role of supporting connection, the structure of the box-type structure has a strong bearing capacity. Material Q235-A steel finishing then annealed after welding to eliminate welding stress and deformation.



设备技术参数表 Parameter

规格型号 Model		HBJ-01	HBJ-03	HBJ-06	HJB-12	HBJ-30	HBJ-50	HBJ-100
额定承重 Rated weight bearing(kg)		100	300	600	1200	3000	5000	10000
工作台回转速度Turning velocity(rpm)		0.4-4	0.1-1	0.09-0.9	0.05-0.6	0.05-0.5	0.05-0.6	0.05-0.2
工作台翻转速Overturning speed(rpm)		手动	手动	1.1	0.67	0.23	0.14	0.14
工作台直径Worktable diameter(mm)		Φ400	Φ600	Φ1000	Φ1200	Φ1400	Φ1500	Φ2000
工作台翻角Tilt angle(°)		0-120	0-90	0-90	0-120	0-120	0-120	0-120
电机功率 Power (kw)	回转 Turning	0.06	0.37	0.75	1.1	1.5	3	5.5
	翻转 Overturning			0.75	2.2	1.5	3	5.5
调速方式 Setting way		变频无极调速Frequency						
最大重心距 Max gravity(mm)		100	100	100	150	200	300	400
最大偏心距 Max eccentric(mm)		150	150	150	200	200	300	400
翻转90°最大回转直径 Max rotation diameter in 90°(mm)		Φ600	Φ800	Φ1500	Φ2050	Φ2100	Φ2500	Φ3240

PRESS HYDRAULIC



Description	Unit	YSE41-63	YSE41-10	YSE41-16	YSE41-25	YSE41-40	YSE41-63	YSE41-100	YSE41-160	YSE41-200	YSE41-315	YSE41-400	YSE41-500	YSE41-630	YSE41-800
Rated force	KN	63	100	160	250	400	630	1000	1600	2000	3150	4000	5000	6300	8000
Max pressure	Mpa	8	12.5	20	25	25	25	25	25	25	25	25	25	25	25
Beam stroke	mm	250	250	400	400	400	500	600	700	700	800	800	900	900	900
Daylight	mm	400	400	500	600	600	750	800	900	1000	1100	1250	1300	1500	1500
Throat depth	mm	200	200	250	250	350	320	400	420	450	600	1500	1500	1500	1500
Beam speed	Approaching	mm/s			80	80	120	100	80	80	80	80	80	80	80
	Pressing	mm/s	18-20	18-20	18-20	18-20	18-20	18-20	10-12	10-15	8-10	8-10	10-15	8-10	8-10
	Returning	mm/s	55	50	50	75	75	100	70	70	50	55	70	60	45
Work table size	L-R	mm	440	440	500	580	700	800	900	900	1500	2000	2500	2500	3000
	F-B	mm	380	380	450	570	570	600	800	800	1200	1500	2000	2000	2400
The height between working table and floor	mm	700	700	710	710	710	810	800	900	900	400	400	400	400	400
Motor power	KW	3	3	4	5.5	5.5	7.5	7.5	7.5	18.5	22	22	2x22	2x22	2x22

Parameter	Unit	YSE32-40	YSE32-63	YSE32-100	YSE32-160	YSE32-160B	YSE32-200	YSE32-315	YSE32-400	YSE32-500	YSE32-500	YSE32-500C	YSE32-630	YSE32-800	YSE32-1000	YSE32-1250	YSE32-1600	YSE32-2000
Rated force	KN	400	630	1000	1600	1600	2000	3150	4000	5000	5000	5000	6300	8000	10000	12500	16000	20000
Knock-out force	KN	120	190	190	400	400	400	530	530	1000	1000	1000	1000	1600	2000	2000	2000	3200
Max pressure	Mpa	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
beam stroke	mm	350	450	600	700	700	700	800	800	900	900	900	900	1000	1000	1000	1000	1300
Knock out stroke	mm	150	200	200	300	300	250	300	300	350	350	350	350	400	400	400	400	500
Max daylight	mm	700	750	800	900	1300	1100	1250	1250	1500	1500	1500	1600	1600	1600	1600	1600	1600
beam speed	approaching	mm/s	20	20	22	100	100	100	100	100	100	100	100	100	100	100	100	200
	pressing	mm/s	14	14	14	12	8	5/8	3/7	5	5	6	10	8	10	6/10	6/10	4/8
	returning	mm/s	45	120	47	70	70	52	60	45	70	70	60	70	50	30	40	70
Table size	L-R	mm	500	560	720	780	1300	1000	1260	1400	1400	2400	1500	1500	1600	1700	2000	3200
	F-B	mm	480	500	580	640	900	900	1200	1200	1400	1400	1500	1500	1600	1600	1600	2200
Outline dimensions	L	mm	2000	2400	2500	2700	2700	3100	3235	4060	4060	6500	4200	4800	5250	5250	5800	4500
	H	mm	1300	1400	1500	1700	1700	1800	2060	3520	3520	3860	4200	4000	3800	3800	4000	3200
	H	mm	2600	3100	2950	3400	3400	3500	4285	4800	4950	4740	5600	6000	6800	7000	6200	7200
Motor power	KW	5.5	7.5	7.5	11	11	18.5	18.5	22	2*18.5	2*18.5	2*22	2*22	4*18.5	4*18.5	4*22	4*22	4*22

MECHANICAL PRESS MACHINE



TECHNICAL DATA	JH21-43	JH21-63	JH21-103	JH21-153
Nominal Force (kN)	430	630	1000	1250
Stroke Under Nominal Force(mm)	4	5	5	5
Slide Block Stroke (mm)	80	100	100	120
Number of Stroke (per minute)	90	80	40	38
Maximum Closed Height(mm)	250	300	300	320
Closed Height Adjustment Range(mm)	50	80	80	100
Distance From Slide Block Center Point to Press Body(mm)	270	280	310	300

JH21 series Deep Throat Presses Open



JH21S series Deep Throat open press technology parameters

名称 Specification	单位 Unit	16T	25T	40T	63T	80T	100T	125T	160T	200T
滑块公称压力 Nominal slider	kn	160	250	400	630	800	1000	1250	1600	2000
滑块行程 Slide stroke	mm	60	70	100	110	120	130	140	150	180
滑块行程次数 Slide trips	次/分	120	60	50	50	50	50	40	40	40
最大封闭高度 Maximum closed height	mm	270	290	350	390	410	440	460	510	600

JH21 series of open, high-performance pneumatic presses



JH21 series of open, high-performance pneumatic presses technical parameters

名称 Specification	型号 Type	单位 Unit	25T	45T	63T	80T	110T	125T	160T	200T	250T	315T	400T
滑块公称压力 Nominal slider		kn	250	450	630	800	1100	1250	1600	2000	2500	3150	4000
滑块行程 Slide stroke		mm	80	100	120	140	160	160	160	180	200	200	200
滑块行程次数 Slide trips	定速 变速	次/分	100 80-120	70 70-90	70 60-80	60 50-70	50 40-60	50 40-60	40 35-50	35 30-40	30 25-35	30 25-35	25 20-30
最大封闭高度 Maximum closed height		mm	250	300	300	320	350	350	350	390	430	430	430
滑块底面与工作台距离调节量 Slider center to the feedage		mm	50	80	80	80	80	80	110	110	120	120	120
滑块中心至机身距离 Slider is adjust the amount of distance between the slider center of the slide		mm	210	300	300	300	350	350	380	390	420	420	420
工作台尺寸 Table size	前后 左右	mm	400 700	580 900	580 900	580 1000	680 1150	680 1150	740 1300	780 1400	800 1400	800 1400	800 1400
滑块上模柄孔尺寸 The slider handle hole size	直径 深度	mm	40 60	50 80	50 80	50 80	60 80	60 80	65 85	65 90	70 90	70 90	70 90
立柱间距 Distance between uprights		mm	450	620	620	680	760	760	850	870	960	920	980
垫板厚度 Plate thickness		mm	80	110	110	120	140	140	150	160	170	170	180
垫板孔直径 Plate hole diameter		mm	170	180	200	200	260	260	300	300	320	320	320
电动机 Electric motor	功率	kw	4	5.5	5.5	7.5	11	11	15	18.5	22	30	37
压力机的外形尺寸 Press Dimensions	长 宽 高	mm	1400 1000 2200	1510 1100 2280	1750 1180 2600	1800 1265 2800	1800 1420 2940	1800 1460 2940	2280 1600 3200	2390 1635 3320	2710 1690 3500	2700 1680 3500	2880 1710 3620
压力机总重量 Total weight presses		kg	2660	3890	5480	7185	9340	9880	14500	17200	24500	25500	29800

V CUTTING MACHINE



fully CNC V Groover Machine for metal sheet
It adopts advanced CNC system and innovative design
with the advantages of high processing precision,
simple operation, no noise, no vibration
widely used in the sheet metal V-groove, U-groove and
other irregular groove processing
it is applicable to the V-groove processing of sheet metal
before bending



Type	Max grooving (mm)			Min grooving (mm)		Max cutting speed (mm/min)	Knife rest (left and right)		Knife rest (up and down)		Main motor power (kw)	Hydraulic system (Mpa)	Dimensions (mm)		
	width	length	thickness	thickness	distance		resolution (mm)	positioning accuracy (mm)	resolution (mm)	positioning accuracy (mm)			length	width	height
1220*6000	1220	6000	6	0.5	8	65	0.001	±0.01	0.001	±0.01	4.4	6-8	8200	2350	1900
1220*3200	1220	3200	6	0.5	8	65	0.001	±0.01	0.001	±0.01	4.4	6-8	4700	2350	1950
1220*4000	1220	4000	6	0.5	8	65	0.001	±0.01	0.001	±0.01	4.4	6-8	6500	2350	1950
1500*4000	1500	4000	6	0.5	8	65	0.001	±0.01	0.001	±0.01	4.4	6-8	6500	2650	1950
1500*6000	1500	6000	6	0.5	8	65	0.001	±0.01	0.001	±0.01	4.4	6-8	8200	2650	1980

LATHE MACHINE



Main features:

1. Precision ground and hardened bedways
2. The spindle is supported with precision roller bearings
3. Head stock gears are made of high quality steel ground and hardened
4. Three different length beds are available
5. Spindle speed range 70-2000R/MIN
6. D1-4 cam lock spindle nose
7. 51MM spindle bore for optional

Model	C62330	C62360
Swing over bed	330mm	360mm
Swing over cross slide	198mm	224mm
Swing in gap diameter	478mm	502mm
Swing in length	210mm	210mm
Center height	168mm	179mm
Admits between	750mm/1000mm	750mm/1000mm
Bed width	187mm	187mm
Bed length	1405mm/1655mm	1405mm/1655mm
Bed height	290mm	290mm
Spindle bore	38mm	38mm
Spindle nose	D1-4"	D1-4"
Taper in nose	MT No. 5	MT No. 5
Speeds number	8	8
Range of spindle speed	70-2000rpm	70-2000rpm

Travel	Cross slide width	130mm	130mm
	Cross slide travel	170mm	170mm
	Compound rest width	80mm	80mm
	Compound rest Travel	95mm	95mm
	Lead screw diameter	22mm	22mm
	Lead screw thread	BT P1 or 3mm	BT P1 or 3mm
Feed	Feed rod diameter	18mm	18mm
	Cutting tool max section	18*16mm	18*16mm
	Threads imperial pitches	34Nos. 4-56T.P.I	34Nos. 4-56T.P.I
	Threads metric pitches	26Nos. 0.4-7mm	26Nos. 0.4-7mm
	Longitudinal feeds imperial	32Nos. 0.002-0.0548"/rev	32Nos. 0.002-0.0548"/rev
	Longitudinal feeds metric	32Nos. 0.052-1.392mm/rev	32Nos. 0.052-1.392mm/rev
	Cross feeds imperial	32Nos. 0.014-0.360mm/rev	32Nos. 0.014-0.360mm/rev
Tailstock	Quill diameter	32mm	32mm
	Quill travel	100mm	100mm
Others	For main motor	2PH, 3PH or 2PH, 1PH	2PH, 3PH or 2PH, 1PH



Main features:

1. Precision ground and hardened bedways
2. The spindle is supported with precision roller bearings
3. Head stock gears are made of high quality steel ground and hardened HRC48
4. Integrated and segregate foot stand for optional
5. Variable speed model for optional

Model	C6241	C6246
Swing over bed	410mm	460mm
Swing over cross slide	224mm	274mm
Swing in gap	640mm	690mm
Length of gap	165mm	165mm
Distance between centers	1000mm/1300mm/2000mm	1000mm/1300mm/2000mm
Bed Width	300mm	300mm
Spindle Nose	D1-6	D1-6
Spindle Bore	51mm	51mm
Taper of spindle bore	No. 4Morse	No. 6Morse
Range of spindle speed	12changes/25-2000rpm	12changes/25-2000rpm
Max travel of top slide	120mm	120mm
Max travel of cross slide	250mm	290mm
Lead screw pitch	6mm	6mm or 4T.P.I
Max section of tool	25x25mm	25x25mm
Longitudinal feeds range	42kinds/0.031-1.7mm/rev	42kinds/0.031-1.7mm/rev
Cross feeds range	42kinds/0.014-0.784mm/rev	42kinds/0.014-0.784mm/rev

Travel	Compound rest width	80mm	80mm
	Compound rest Travel	95mm	95mm
	Lead screw diameter	22mm	22mm
	Lead screw thread	BT P1 or 3mm	BT P1 or 3mm
Feeds	Metric threads range	41kinds/0.1-14mm	41kinds/0.1-14mm
	Inch threads range	60kinds/2-112T.P.I	60kinds/2-112T.P.I
	Diametrical pitches range	50kinds/4-112D.P.I	50kinds/4-112D.P.I
	Module pitches range	34kinds/0.1-7M.P.I	34kinds/0.1-7M.P.I
Tailstock	Dis. of tailstock sleeve	60mm	60mm
	Travel of tailstock sleeve	128mm	128mm
	Morse taper of tailstock sleeve	No. 4Morse	No. 4Morse
	Power of main motor	4kw or 5.5kw	4kw or 5kw
	Power of coolant pump	90w	90w

LATHE MACHINE



STANDARD ACCESSORIES/标准配置

3-jaw & 4-jaw
Steady rest & follow rest
Face plate
Drive plate
Thread-cutting dial
Longitudinal touch stop
Work lamp
Coolant system
Full-length splash guard
Foot brake and brake ribbon
Change gears
Dead centre and centre sleeve
Oil gun
Paddings
One whole set spanner

OPTIONAL ACCESSORIES/选配配置

Rapid travel
Live centre
Digital readouts(SINO)
CE-conformity(Chuck guard and Toolpost guard)
Magnetoelctrical brake
Taper cutting function

PRODUCT FEATURES/车床的主要特点

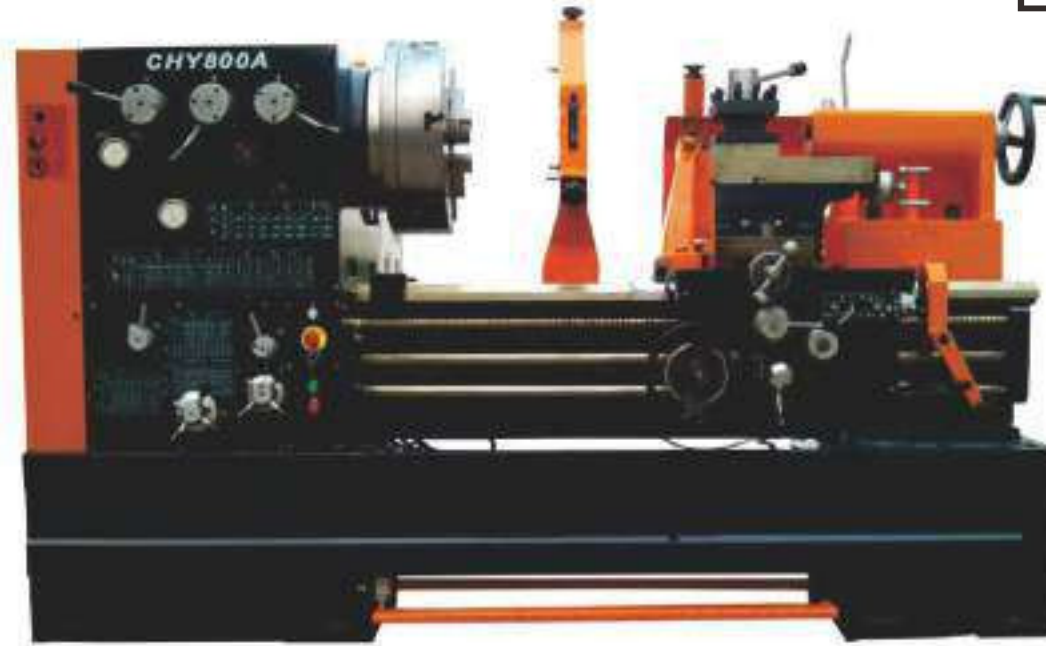
THE SURFACE OF THE BEDWAYS IS SUPERSONIC FREQUENCY HARDENED.
GEARS PRECISELY GROUND TO REDUCE NOISE.
SPINDLE SYSTEM IS OF HIGH RIGIDITY AND PRECISION.
RAPID FEED STRUCTURE IS AVAILABLE ON APRON.

DIFFERENCE BETWEEN CH AND CHF SERIE/CH和CHF系列的主要区别

THE FEED BOXES OF THE TWO MODLE ARE DIFFERENCE.
CH SERIES NEED CHANGE GEARS AND THE CHF SERIES DON'T NEED IN THREAD MACHINING.

Model		C6236H	C6240H	C6250H	C6260H
		CH6236F	CH6240F	CH6250F	CH6260F
CAPACITY	Max.swing over bed	360mm	400mm	500mm	600mm
	Max.swing over cross slide	190mm	230mm	330mm	330mm
	Max.swing over gap	520mm	560mm	660mm	760mm
	Effective length of gap	200mm			
	Center Distance	750\1000\1500\2000mm			
HEADSTOCK	Bed Width	360mm			
	Spindle hole	52mm			
	Spindle nose	ISO-C8			
	Spindle taper	MT6			
FEEDS	Spindle speed(Number)	(9steps)40-1400rpm			
	Longitudinal feeds range	0.0832-4.86mm/r			
	Cross feeds range	0.048-2.69mm/r			
	Metric threads range	19kinds 0.25-14mm			
	Inch threads range	49kinds 2-40inch			
CARRIAGE	Moudle threads range	11kinds 0.5-3.5mm			
	Max.travel of top slide	95mm			
	Max.travel of cross slide	180mm	200mm	250mm	250mm
TAILSTOCK	Max.size of toolshank	20*20mm ²			
	Dia.of tailstock sleeve	65mm			
	Taper of tailstock sleeve	MT4			
MOTOR	Max.travel of tailstock	140mm			
	Main drive motor	4KW		5.5KW	7.5KW
PACKING L*W*H	Coolant pump motor	125W			
	Center Distance(750mm)	225*115*175cm			
	Center Distance(1000mm)	245*115*175cm			
	Center Distance(1500mm)	296*115*175cm			
N,W/G.W	Center Distance(2000mm)	345*115*175cm			
	Center Distance(750mm)	1350/1750kg	1400/1800kg	1500/1900kg	1600/2000kg
	Center Distance(1000mm)	1450/1850kg	1500/1900kg	1600/2000kg	1700/2100kg
	Center Distance(1500mm)	1600/2000kg	1650/2050kg	1750/2150kg	1900/2300kg
	Center Distance(2000mm)	1750/2150kg	1800/2200kg	1900/2300kg	2050/2450kg

LATHE MACHINE



STANDARD ACCESSORIES/标准配置

3-jaw $\Phi 320\text{MM}$ & 4-jaw $\Phi 400\text{MM}$
for CHYA series only 3-jaw $\Phi 500\text{MM}$
Steady rest & follow rest
Face plate
Drive plate
Thread-cutting dial
Longitudinal touch stop
Work lamp
Coolant system
Full-length splash guard (only for 1000mm and 2000mm length)
Foot brake and brake ribbon
Rapid travel
Paddings
Change gears
Dead centre and centre sleeve
Oil gun
One whole set spanner

OPTIONAL ACCESSORIES/选配配置

Live centre
Digital readouts(SINO)
CE-conformity(chuck guard and Toolpost guard)
Magnetoelectrical brake
Bar cutting function

PRODUCT FEATURES/车床的主要特点

- *THE SURFACE OF THE BEDWAYS IS SUPERSONIC FREQUENCY HARDENED.
- *GEARS PRECISELY GROUND TO REDUCE NOISE.
- *SPINDLE BORE 103MM/165MM CAN BE CHOSE.
- *NO NEED FOR CHANGE GEAR.THE MACHINE CAN TRUIN 72 KINDS OF METRIC, INCH, MODULE AND D.P. THREADS.
- *CLUTCH IN HEADSTOCK MAKES THE LATHE MORE SAFE AND RELIABLE.

DIFFERENCE BETWEEN CHY AND CHYA SERIES/CHY和CHYA系列的区别

Model	DETAILS
CHB HEADSTOCK	Spindle hole 65mm
	Spindle nose ISO-D6
	Spindle taper Metric 70mm
	Spindle speed(Number) (15steps)22~1800rpm
CHC HEADSTOCK	Spindle hole 80mm
	Spindle nose ISO-D8
	Spindle taper Metric 85mm
	Spindle speed(Number) (15steps)24~1800rpm
CHD HEADSTOCK	Spindle hole 103mm
	Spindle nose ISO-D11
	Spindle taper Metric 115mm
	Spindle speed(Number) (15steps)20~1200rpm

Model		CHY6266	CHY6280	CHY62100
			CHY6280A	CHY62100A
CAPACITY	Max.swing over bed	660mm	800mm	1000mm
	Max.swing over cross slide	435mm	545mm	545mm
	Max.swing over gap	860mm	1000mm	1200mm
	Effective length of gap	280mm		
	Center Distance	1000\2000\3000\4000mm		
	Bed Width	400mm		
FEEDS	Longitudinal feeds range	72kinds 0.073—4.066mm/rev		
	Cross feeds range	72kinds 0.036—2.033mm/rev		
	Metric threads range	72kinds 0.5—112mm		
	Inch threads range	72kinds 1/4—56inch		
	Moudle threads range	36kinds 0.5—7m π		
	Diametral threads range	36kinds 4—56D.P		
CARRIAGE	Max.travel of top slide	110mm		
	Max.travel of cross slide	325mm		
	Max.size of toolshank	32*32mm ²		
TAILSTOCK	Dia.of tailstock sleeve	90mm		
	Taper of tailstock sleeve	MT6		
	Max.travel of tailstock	150mm		
MOTOR	Main drive motor	7.5KW	11KW	
	Rapid traverse motor	250W		
	Coolant pump motor	125W		
PACKING L*W*H	Center Distance(1000mm)	285*115*185cm		
	Center Distance(2000mm)	385*115*185cm		
	Center Distance(3000mm)	485*115*185cm		
	Center Distance(4000mm)	585*115*185cm		
N.W/G.W	Center Distance(1000mm)	3000/3500kg	3150/3650kg	3300/3700kg
	Center Distance(2000mm)	3500/4000kg	3650/4150kg	3800/4200kg
	Center Distance(3000mm)	3900/4400kg	4050/4550kg	4200/4600kg
	Center Distance(4000mm)	4300/4700kg	4450/4950kg	4600/5000kg

CNC LATHE MACHINE



PRODUCT FEATURES/车床的主要特点

- *INDEPENDENT, HIGH-LOW SPEED AND ALL GEARS IN HEADSTOCK CAN BE CHOSEN IN LIGHT OR HEAVYDUTY WORKING.
- *SINGLE OR DOUBLE SLIDING DOOR AND FULL-CLOSED GUARD CAN BE CHOSEN. LEFT OR RIGHT ARM SYSTME SHOWING CAN BE CHOSEN. ALL MAKES THE FINE APPEARANCE.
- *FULL FUNCTION POINTS, HIGH PROCESS EFFICIENT AND EASY OPERATION.
- *SPINDLE BORE 52/65/80MM CAN BE CHOSEN.
- *EITHER VERTICAL OR HORIZONTAL 4-STATION OR 6-STATION ELECTRICAL TOOL POST AND GANG TOOLS.
- *HYDRAULIC, PNEUMATIC OR MANUAL TYPE CHUCK AND TAILSTOCK CAN BE CHOSEN.
- *THE SURFACE OF THE BEDWAYS IS SUPERSONIC FREQUENCY HARDENED AND PRECISION GROUND WITH A LONG SERVICE LIFE.
- *FANUC 0i-Mate/SIEMENS 808D/GSK 980TD CAN BE CHOSEN.

STANDARD ACCESSORIES/标准配置

- GSK 980TD system
- HRB bearings in headstock
- 3-jaw
- Work lamp
- Coolant system
- 4 stations electric tool post
- High-Low speed headstock
- Dead centre and centre sleeve
- Paddings
- Electric oil pump
- One whole set spanner

OPTIONAL ACCESSORIES/选配配置

- Live centre
- 4-jaw
- Steady rest and follow rest
- Face plate
- Drive plate
- NSK or other bearings in headstock
- Gang tools or 6 stations electric tool post
- Hydraulic or pneumatic headstock and tailstock
- SIEMENS 808D/FANUC 0i-Mate

Model		CK6136	CK6140	CK6150
CAPACITY	Max.swing over bed	360mm	400mm	500mm
	Max.swing over cross slide	200mm		
	Length of the machine	450/750/1000/1500mm		
	Center Distance	350/650/900/1400mm		
	Bed Width	360mm		
HEADSTOCK	Spindle hole	52/65/80mm		
	Spindle nose	ISO-C6/D6/D8		
	Spindle taper	MT6/Metric 70mm/Metric 85mm		
	Steps of spindle speed (Manual)	Variable	H/L Variable	Gears Variable
	Range of spindle speed	400-2800rpm	100-500rpm 400-2000rpm	18-2000rpm
CARRIAGE	Fastest speed of carriage	X/Z:8/10m/min		
	Repeat position precision	Z:0.013mm X:0.012mm		
	Number of stations	4/5 stations or gang tools		
	Indexing time	1sec		
TAILSTOCK	Dia.of tailstock sleeve	65mm		
	Taper of tailstock sleeve	MT4/MT5		
	Max.travel of tailstock	120mm		
MOTOR	Main drive motor	4/5.5/7.5KW		
	Coolant pump motor	125W		
SYSTEM	System brand	SIEMENS 808D/FANUC 0i-Mate/GSK 980TD		
PACKING L*W*H	Length(450mm)	210*145*175cm		
	Length(750mm)	240*145*175cm		
	Length(1000mm)	275*145*175cm		
	Length(1500mm)	325*145*175cm		

MILLING MACHINE



主要技术参数	SPECIFICATIONS	X6338 / X6336G
主轴孔锥度	Spindle taper	ISO40(H) ISO50(H)
主轴直径	Diameter of quill	120mm
主轴到工作台面的距离	Distance from spindle to table	135-533mm
主轴中心至立柱平面距离	Distance between spindle axis and boom	230mm
主轴孔中心至床身导轨距离	Distance from spindle to column	200-700mm
主轴转速范围	Spindle speeds	60-7200r.p.m(V) 60-1800r.p.m(H)
主轴行程	Spindle travel	145mm
主轴进给速度	Feeding of quill	13step/0.04 0.08 0.15
主轴自动进给最大直径	Max.drilling capacity of auto-feeding	Ø10mm
铣头侧倾范围 (左右)	Head movement	±45°
工作台尺寸	Table size	1250×360mm
工作台行程 (纵向/横向/垂直)	Table travel	1000/320/400mm
工作台纵向进给速度	Feeding range of longitudinal cross-travel	22-555mm/min(8级)
X/Y轴快速移动	X/Y-axis rapid feed speed	1000mm/min
Z轴快速移动	Z-axis rapid feed speed	590mm/min
Z轴电机功率	Z-axis motor power	1.1kw
工作台最大承载重量	Max.weight of workpiece	400kg
T型槽数/宽度/间距	T-slot Number / width / distance	3/18/30mm
主轴电机	Milling head moving(Vertical)	7 SHP(V) 4kw(H)
冷却液功率	Cross slide way	90W(25L)
X/Y轴驱动电机	X/Y-axis driving motor	750W
机床外形尺寸	Overall dimension	2220×1790×2360mm
包装尺寸 (单台/双台)	Packing size	1800×1900×2250mm/2300×1900×2250mm
机床毛重 (单台/双台)	N.W./G.W.	2450/2650kg/4900/5200kg

主要技术参数		SPECIFICATIONS	X6325	X6330	X6330A
工作台面积		Table size	254×1270(10"×50")	305×1370(12"×54")	305×1370(12"×54")
工作台纵向行程		Longitudinal travel	850mm	870mm	870mm
工作台横向行程		Cross travel	400mm	380mm	380mm
工作台垂直行程		Vertical travel		420mm	
T型槽数量及尺寸		T-slot NO and size	3×16		
滑座行程		Rail travel	470mm		
主轴到工作台面的距离		Distance from spindle nose to table surface	3-420mm		
主轴孔锥度		Spindle hole taper	标准(standard) 80 特殊选配(optional) ISO30/ISO40		标准(standard) ISO40
主轴行程		Spindle travel	127mm		
主轴转速		Spindle speed	标准(standard) 每级16速(16steps) 50HZ:60-5440 特殊选配(optional) 无级变速(steps:65-4290 特殊选配(optional) 无级变速(steps:65-4290		
主轴进给量		Auto quill feed	三档(three steps):0.04/0.0015"/0.08/0.003"/0.15/0.006")mm/revolution		
主电机功率		Main motor	2.25KW/3HP		3.75KW/5HP
铣头左右回转		Head swivel	90°		
铣头前后倾斜		Head tilting	45°		
包装尺寸	单台包装	one miller per case	1616×1550×2080mm	1766×1650×2080mm	1766×1650×2080mm
	二台包装	two miller per case	1650×1790×2170mm	1720×1800×2175mm	1720×1800×2175mm
	三台包装	three miller per case			
毛/净重		N.W./G.W.	1420/1380kg	1650/1590kg	1750/1690kg

RADIAL BOR



主要技术参数	SPECIFICATIONS	单位	23050x18
最大钻孔直径 (mm)	Max drilling dia	mm	40
主轴箱至工作台距离 (mm)	Distance from spindle nose to table surface	mm	320-1380
主轴箱至立柱表面距离 (mm)	Distance between spindle axis and column surface	mm	350-1680
主轴行程 (mm)	Spindle travel	mm	600
主轴轴头 (mm)	Spindle nose	mm	180
主轴转速范围 (rpm)	Spindle speed range	rpm	25-3500
主轴速度级数	Spindle speed step		16
主轴进给范围 (mm)	Spindle feeding range	mm	0.04-12
主轴进给级数	Spindle feeding step		16
摇臂倾斜角度 (°)	Rocking rotary angle	°	150°
主轴电动机功率 (kw)	Main motor power	kw	4
升降电动机功率 (kw)	Movements motor power	kw	1.5
机床重量 (kg)	Weight	kg	3500
外形尺寸 (mm)	Overall dimensions	mm	2500x1000x2800

主要技术参数	SPECIFICATIONS	单位	23040x10/11
最大钻孔直径	Max drilling dia	mm	40
主轴箱至工作台距离	Distance from spindle nose to table surface	mm	280-1050
主轴箱至立柱表面距离	Distance between spindle axis and column surface	mm	380-1000
主轴行程	Spindle travel	mm	380-1380
主轴轴头 (mm)	Spindle nose	mm	180
主轴转速范围	Spindle speed range	rpm	1474
主轴速度级数	Spindle speed step		16
主轴进给范围	Spindle feeding range	mm	0.04-12
主轴进给级数	Spindle feeding step		16
摇臂倾斜角度 (°)	Rocking rotary angle	°	150°
主轴电动机功率 (kw)	Main motor power	kw	4
升降电动机功率 (kw)	Movements motor power	kw	1.5
工作台尺寸	Table size	mm	800x180x50
机床尺寸	Overall dimensions	mm	1500x180x2500
重量	Weighting	kg	1600x900x2400

Manual surface grinder

Characteristics of machine tools:

Spindle adopts ultra precision P4 ball bearing, after measuring pre strict pressure, assembled in the greenhouse, and equipped with a completely waterproof mazy design, in order to ensure the service life and the grinding of bearing surface roughness. Which marching with ball screw.

It has the advantages of compact structure, easy to operate.

A longitudinal guide rail worktable adopts rolling guide, rope wheel traction, light and flexible.



Technical Parameters		L240	M015	M020
Table maximum cutting area (L×W×H)		mm	500×190×335	520×220×490
Working table movement	Max Grinding Length	mm	500	520
	Max Grinding width	mm	190	220
Distance From Table Surface To Spindle Center		mm	335	490
Sliding way			V-type rail with Steel ball	V-type Double rail with Steel ball
Maximum work load		kg	200	200
Table size		mm	460×180	480×200
Number of T-Slot		mm×mm	14×1	14×1
Number of T-Slot		mm/min	3-23	3-23
Front and rear wheel feed		mm	0.02/Graduation 2.5/revolution	0.02/Graduation 2.5/revolution
On the hand wheel feed		mm	0.01/Graduation 1.25/revolution	0.01/Graduation 1.25/revolution
Wheel Size(dia×width×bore)		mm	180×13×31.75	200×20×31.75
Spindle speed	50Hz	rpm	2850	2850
	Variable frequency motor (matching)	rpm	0-6000	0-6000
Spindle motor		kw	1.1	1.5
Cooling pump		kw	0.4	0.4
Packing Size (L×W×H)		mm	1240×1080×1680	1250×1140×1700
Gross, Net		T	0.75, 0.65	0.85, 0.75

Automatic precision surface grinder

Characteristics of machine tools:

Based on manual surface grinder, it covert the longitudinal and vertical machine to fully automatic. The bidirectional friction electronic clutch, simple and reliable structure, clutch reversing process has no impact, no noise, safe commutation 5000000 times; the electric control part with electronic switching frequency switching. The service life 10 times longer than the relay control, simple operation, sensitive, infinitely variable, large output torque, low noise, Safe and reliable. Power supply use a number of mechanical and electrical protection function which is safe voltage, Energy saving, power saving, power consumption per class (calculated according to 8 hours) is only 0.6. When the manual grinding is working, Before and after the workbench's movement, in and out, around the reversing are automatic operation, greatly improving the production's efficiency and the surface finish, suitable scope that from the original single, small batch to mass batch.



Technical Parameters			M015	M020
Bench	Max. workpiece to be Ground (L×W×H)	mm	460×180	480×200
	Maximum travel of table (L×W)	mm	500×190	520×220
	Table maximum cutting area (L×W)	mm	500×190	520×220
	Number of T-Slot	mm	1×12	1×14
The grinding head	Distance From Table Surface To Spindle Center	m	335	490
	WHEEL Wheel Size (dia×width×bore)	mm	φ200×20×φ31.75	φ200×20×φ31.75
	Spindle speeds	rpm	2850	2850
The amount of feed	Table longitudinal (left and right) speed (stepless)	mm/min	3-23	3-23
	Table horizontal (before and after) the amount of feed	Continuous (variable speed)	mm/min	150
		Intermittent (stepless)	m	0-5
	The handwheel rotates	mm	2.5	2.5
		Hand wheel each grid	mm	0.02
	Vertical (up and down) feed wheel feed	The handwheel rotates	mm	1.25
		Hand wheel each grid	mm	0.01
	The total input power	W	150	150
Feeding feeder	X-feeder output speed	mm/min	0-225	0-225
	X-feeder size	m	280×130×120	280×130×120
	Y-feeder output speed	mm/min	0-120	0-120
	Y-feeder size	m	280×130×120	280×130×120
Motor power	Spindle motor	kw	1.1	1.5
	Cooling motor	kw	0.4	0.4
Working precision	The machined surface of the base of parallelism	m	0.005	0.005
	Surface Roughness	μm	Ra0.32	Ra0.32
Weight of machine	Net	kg	750	800
	Gross	kg	800	850
Packing Size (L×W×H)			mm	1080×1170×1670

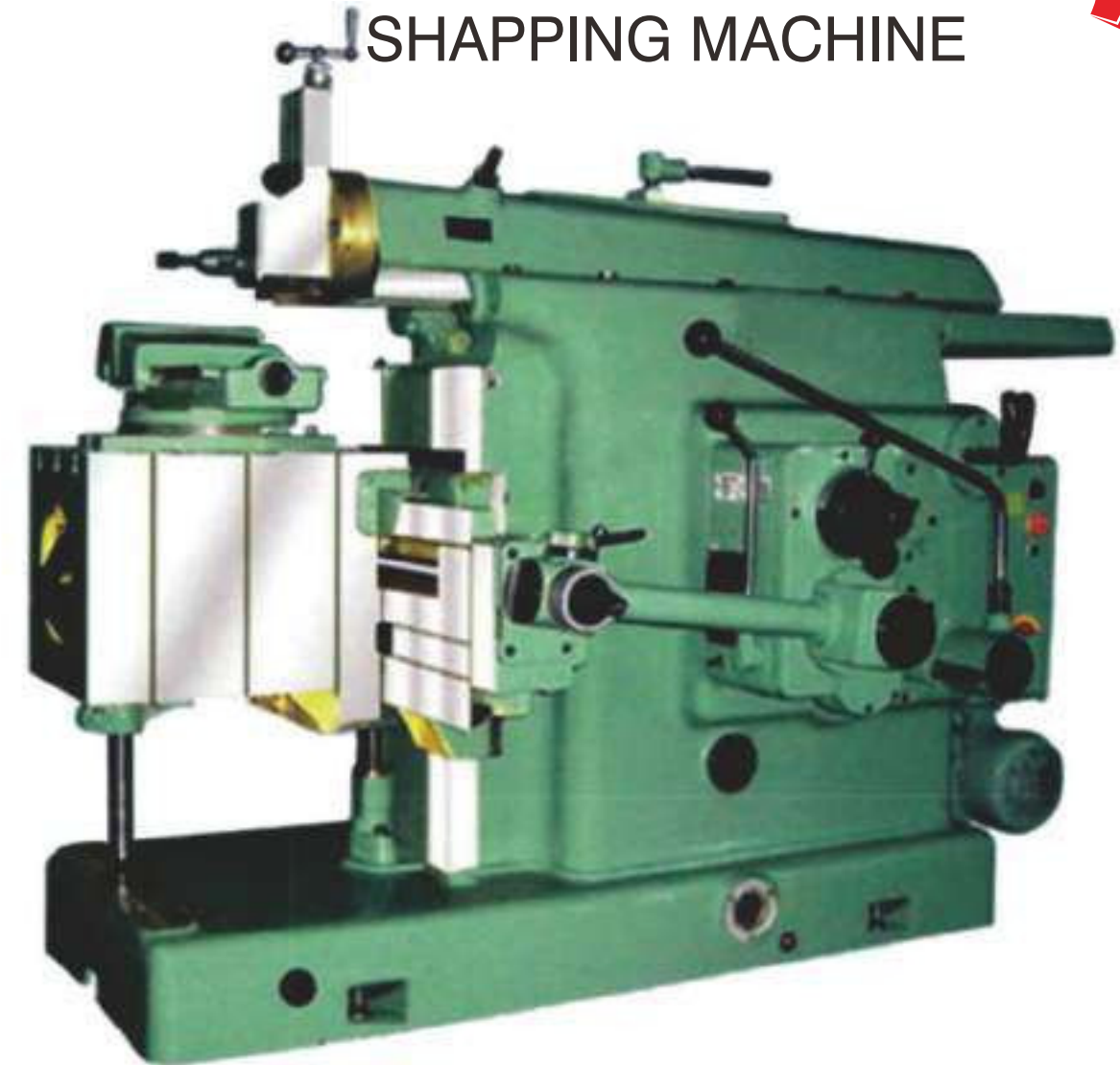
SLOTING MACHINE



This machine is used to process planes, model surfaces, key seating, etc

Work range	B5020
Max. slotting length	200mm
Max. dimension of workpiece(dia)	485x200mm
Max. weight of workpiece	400kg
Max. cutting force	5500N
Nr. of ram strokes per minute	32,50,80,125
vertical adjustment of ram	230mm
Inclination of ram	0-8°
Distance between tool holding surface and column front	485mm
Max. tool shank size(weld)	25x10mm
Table diameter	500mm
Distance between table surface and low end of ram	330mm
Max. longitudinal travel of table	500mm
Max. cross travel of table	500mm
Range of table longitudinal and cross power feeds	0.05-1.21mm
Range of table rotary power feeds	0.052°-0.763deg
Power of main drive motor	3kw
Rotating speed of main drive motor	1430rpm
Overall dimensions(LxWxH)	1645x1325x1980mm
Weight(approx)	2400kg

SHAPPING MACHINE



This machine is used for planing the plane on the small and medium-size workpieces in small batch production of a single piece, forming the surface and grooves.

Specification	B635A	B6C00	B6C03	B6C10	B6C100
Max. cutting length	350mm	500mm	630mm	700mm	1000mm
Max. horizontal travel of table	400mm	500mm	630mm	630mm	800mm
Max. distance from ram bottom to table	330mm	370mm	385mm	420mm	380mm
Max. table vertical travel	270mm	300mm	300mm	320mm	320mm
Max. vertical travel of tool carrier	110mm	110mm	120mm	125mm	160mm
Number of ram strokes per minute	32,50,80,125	15,24,37,51,64,80,10,21,26,108	14,20,28,40,56,80	11,20,36,52,72	8,11,16,23,32,45,64,90
MOTOR POWER	1.5kw	4kw	3kw	4kw	7.5kw
Overall dimensions (LxWxH) mm	1390x860x1455	1943x1173x1633	2265x1225x1480	2550x1400x1760	3567x1455x1761

Model	Capacity				Speed	
	Circular 90°	Rectangular 90°	Circular 45°	Rectangular 45°	@50Hz	@60Hz
BS-712N	178mm	178x305mm	127mm	120x125mm	27,41,55,78rpm	22,34,49,64rpm
Model	Blade size	Motor power	Drive	Packing size	kW/QW	
BS-712N	19x0.9x2362mm	750w/1.1kw	V-belt	125x45x115cm	145/178kg	

BANDSAW



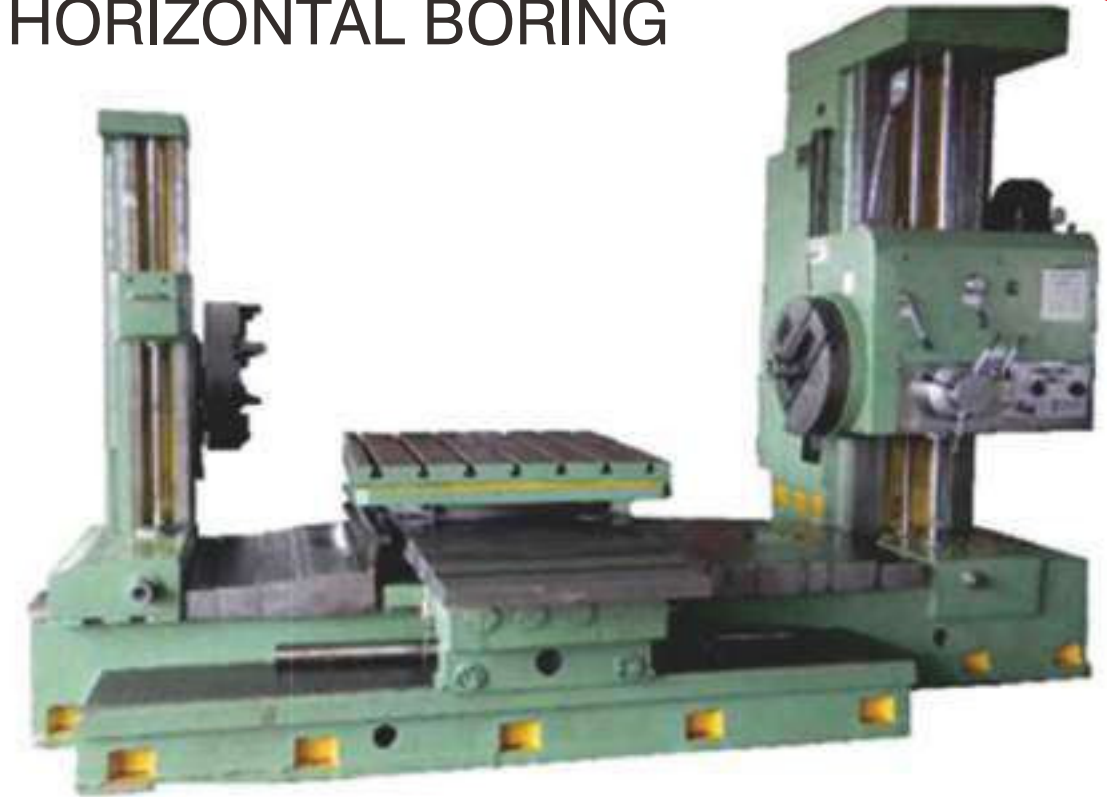
BS-712N



GH4235

Model	GH4235	GH4235	GH4240	GH4250
Cutty capacity(mm)	200-205x280	350-350x350	400-400x400	500-500x500
Blade size(mm)	2050x27x0.9	4115x34x1.1	5000x41x1.3	5800x41x1.3
Blade speed(m/min)	27,45,88	27,45,88	27,45,88	27,45,88
Clamping type	Manual	Hydraulic	Hydraulic	Hydraulic
Main motor power(kw)	1.5	3	4	5.5
Hydraulic motor(kw)	0.05	0.05	0.75	0.75
Coolant pump(kw)	0.04	0.04	0.09	0.09
Overall dimension(mm)	1300x800x1100	2000x1100x1500	2400x1100x1900	2800x1400x1900

HORIZONTAL BORING



This machine is for boring and milling, adopt to rectangular guideways.

Model	TPX3011
Table size	1300x1010mm
Longitudinal/transverse travel of worktable (Z/X axis)	1100x850mm
Number/width/distance of T-slot	7-22-125mm
Vertical travel of headstock	900mm
Max load of worktable	2500kg
Spindle diameter	110mm
Quill travel	550mm
Facing head tool holder's radial travel	160mm
Max drilling diameter	60mm
Spindle taper	MT6
Spindle speed range	12-950rpm
Facing head speed range	4-180rpm
Spindle motor power	6.50kw
Rapid feed motor power	3kw
Headstock lifting and lowering worktable rapid feed speed	1.8m/min
Overall dimension	5030x2300x2780mm
Machine weight	12240kg

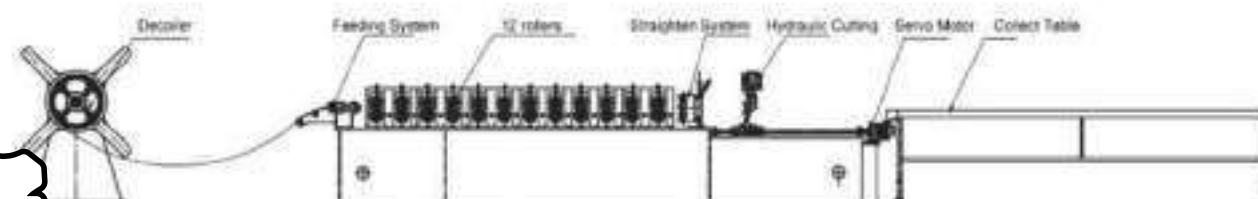
ROLL FORMING

高速动剪C型钢成型机

High-speed No-stop cutting C purlin roll forming machine



- 不停机切割
- 成型速度可调，一般可做40m/min
- 设计精良，精度高
- 可做90°或45°斜切
- 伺服电机控制切割误差，控制在1mm以内
- 全自动
- 水冷冷却系统可选
- No-stop cutting
- Forming Speed is available to set, up to 40m/min
- Well design, High precision
- 90° or 45° cutting
- Servo motor control tolerance less than 1mm
- Full automatic
- Water coolant as option



T 型屋面瓦成型机

IBR/Trapezoid roof sheet roll forming machine



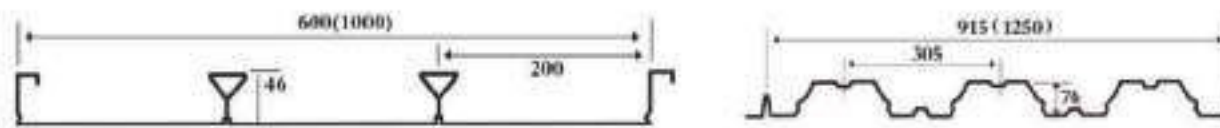
技术参数	Technical parameter
板材：彩涂板和镀锌板等	Material :Galvanized and PPGI
厚度：0.2-1mm	Thickness:0.2-1.0mm
成型排数：11-18	Rollers:11-18
速度：10-15m/min	Speed: 10-15m/min
轴的材质和直径：Φ70cm, Φ75, Φ80, 40CR	Shaft diameter and material:Φ70cm, Φ75, Φ80, 40CR
辊轮材质：45#钢镀铬/GCR15/CR12	Material of the rollers:45#/GCR15/CR12
切刀材质：CR12	Material of the blade:CR12
控制系统：PLC	Controlling system:PLC



ROLL FORMING

楼承板成型机

Floor deck roll forming machine

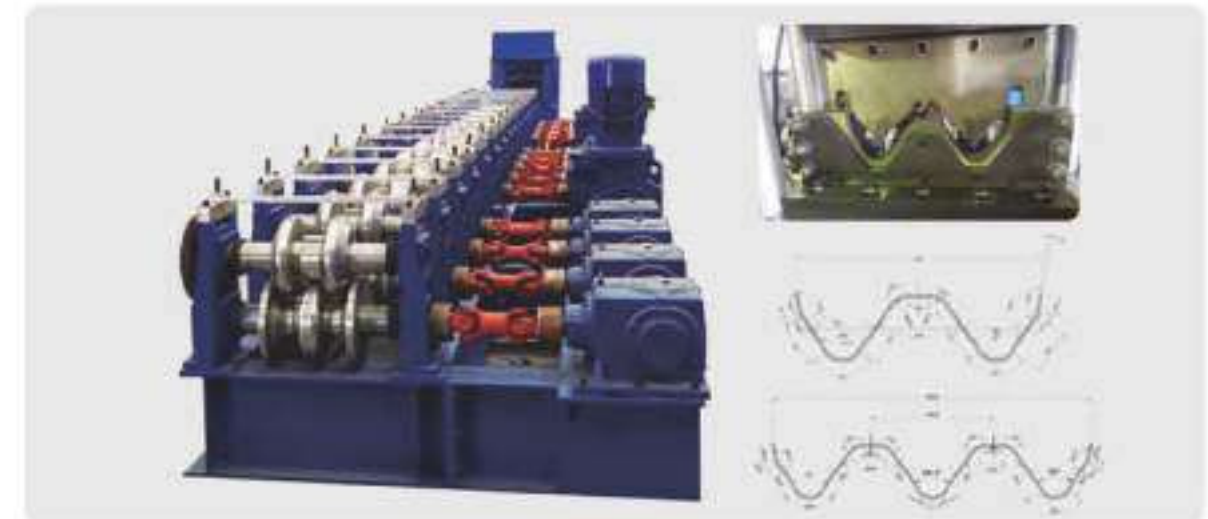


技术参数	Technical parameter
板材: 彩涂板和镀锌板等	Material: Galvanized and PPGI
厚度: 0.6-1.2mm	Thickness: 0.6-1.2mm
成型排数: 21-32	Rollers: 21-32
速度: 10-15m/min	Speed: 10-15m/min
轴的材质和直径: $\Phi 80$, $\Phi 85$, $\Phi 90$, $\Phi 95$, 40CR	Shaft diameter and material: $\Phi 80$, $\Phi 85$, $\Phi 90$, $\Phi 95$, 40CR
辊轮材质: 45#钢镀铬/GCR15/CR12	Material of the rollers: 45#/GCR15/CR12
切刀材质: CR12	Material of the blade: CR12
控制系统: PLC	Controlling system: PLC

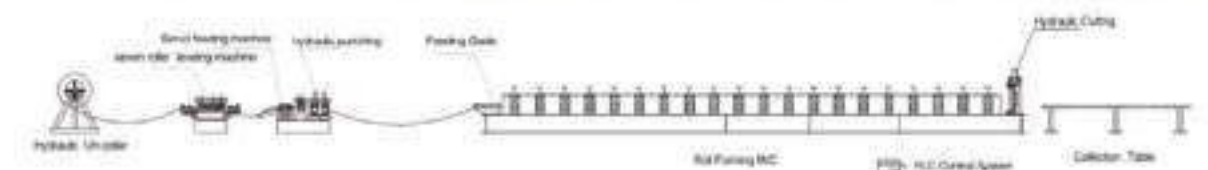


高速护栏成型机

Guardrail roll forming machine



技术参数	Technical parameter
板材: 镀锌板	Material: Galvanized
厚度: 3-4mm	Thickness: 3-4mm
成型排数: 13-18	Rollers: 13-18
速度: 6-12m/min	Speed: 6-12m/min
轴的材质和直径: $\Phi 95$, $\Phi 105$, $\Phi 115$, 40CR	Shaft diameter and material: $\Phi 95$, $\Phi 105$, $\Phi 115$, 40CR
辊轮材质: GCR15	Material of the rollers: GCR15
切刀材质: CR12	Material of the blade: CR12
控制系统: PLC	Controlling system: PLC



BUSBAR MACHINE



This type JL-200160/JL-200200/JL-200260, double table busbar processing machine is mainly used for different types of processing copper or aluminum busbar or steel plate. It is easy to operate and high production efficiently. So it is an ideal processing equipment for electrical appliance manufacturing of high and low voltage.

Function	Item	JL-200160	JL-200200	JL-200260
Punching	Max. Punching Force (KN)	300	500	800
	Punching Diameter Range (MM)	Ø4.3-Ø25	Ø4.3-Ø32	Ø4.3-Ø36
	Max. Thickness (MM)	12	16	20
	Max. Width (MM)	160	200	260
Shearing/Cutting	Max. Shearing Thickness (MM)	12	16	20
	Max. Shearing Width (MM)	160	200	260
Vertical Bending	Max. Bending Force (KN)	300	500	800
	Max. Thickness (MM)	12	16	20
	Max. Width (MM)	160	200	260
Horizontal Bending	Max. Width (MM)	120	120	120
	Max. Angle (Degree)	90°	90°	90°
Out Dimension	MM	1750*1350*1420	1920*1550*1500	2150*1750*1500

LOCK FORMING



Model	LC-12DR
Capacity (mm)	6.3.1.2
Shape	
Main motor (kw)	1.5

HYDRAULIC SEAM CLOSING MACHINE



PLATE THICKNESS	PROCESS LENGTH	HYDRAULIC PRESSURE	POWER	SIZE	WEIGHT
0.6 - 1.5mm	1000 - 1500MM	14 Mpa	4KW	1040 X 940 X 2100	595kg



CORNER BENDING MACHINE

PLATE THICKNESS	HYDRAULIC PRESSURE	POWER	SIZE	WEIGHT
0.5 - 1.5mm	0.6 - 0.8Mpa	2.2KW	1900 X 800 X 1100	380KG

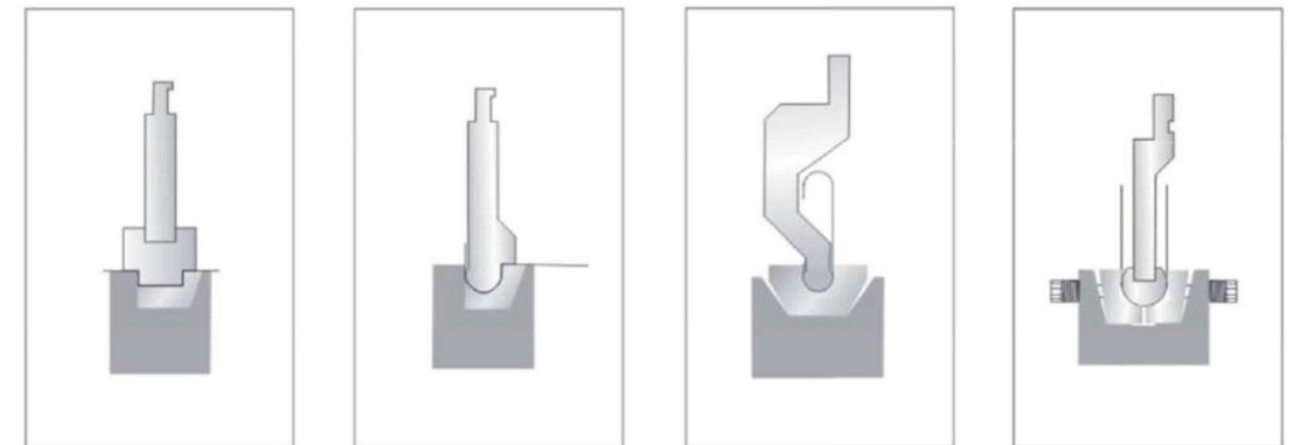
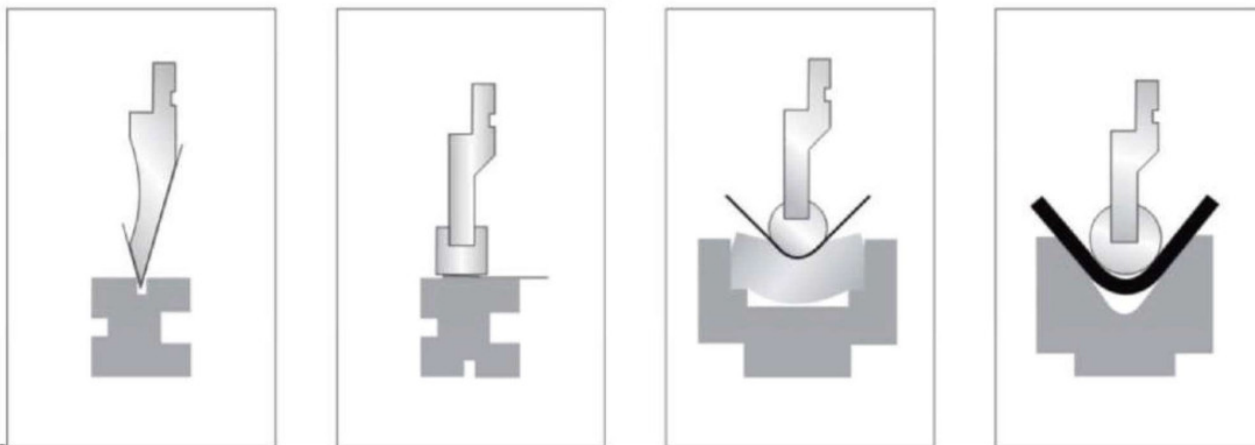
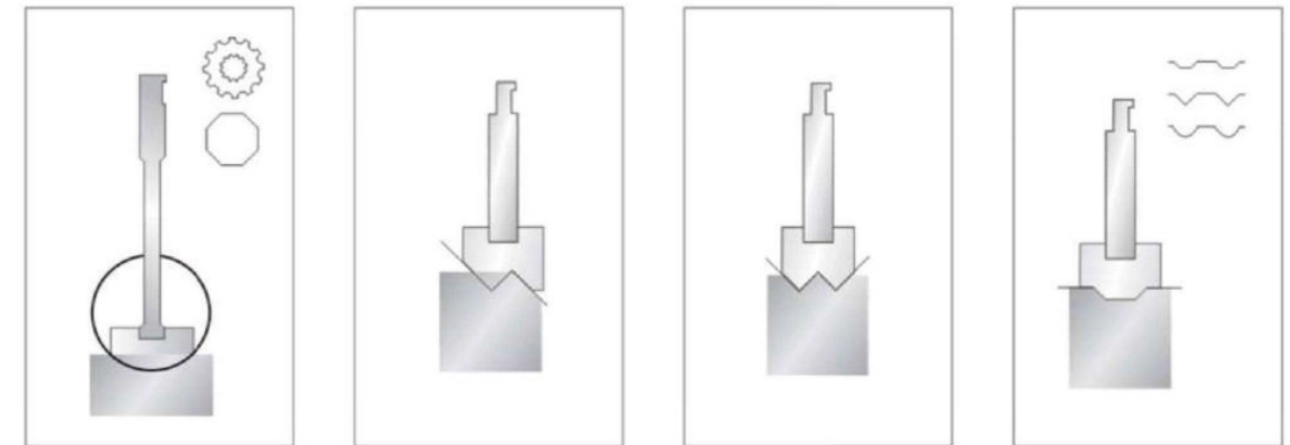
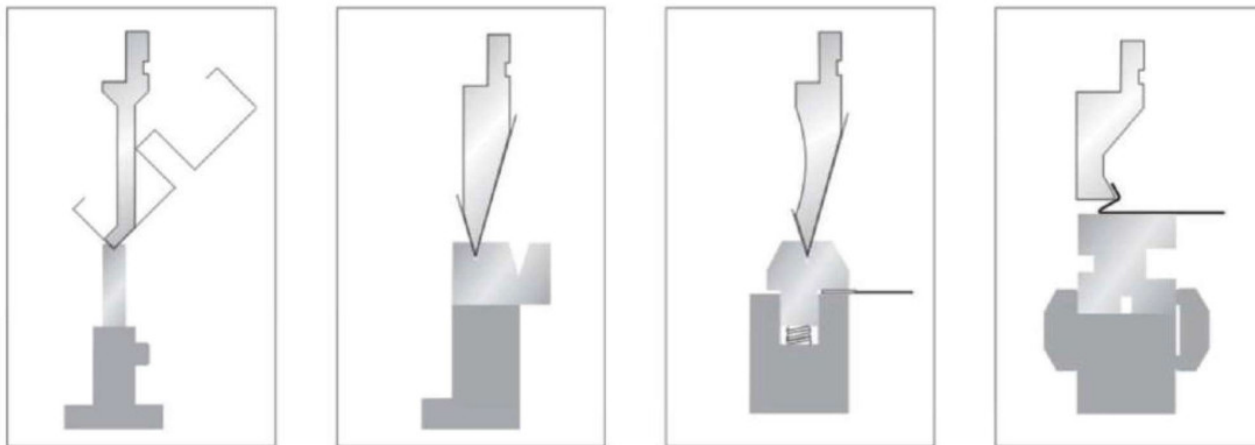
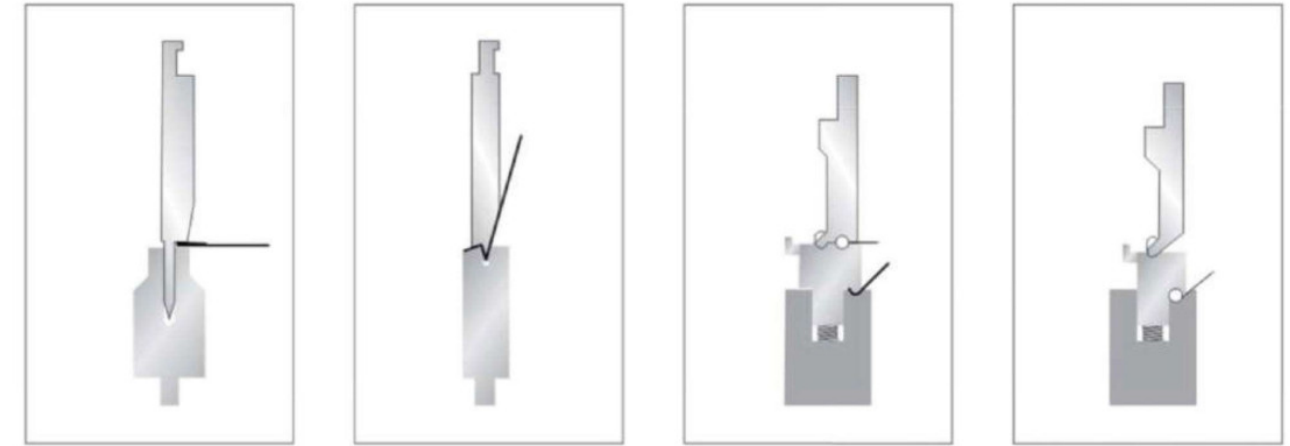
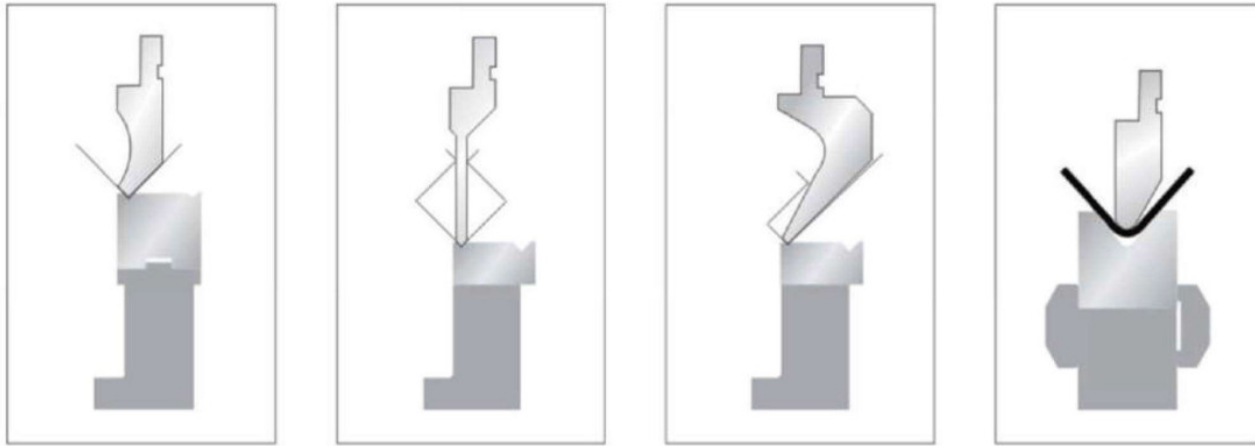


SPIRAL PIPE DUCT MACHINE

The spiral air duct forming machine is mainly used for making round spiral air duct. The spiral tube former machine can automatically complete round spiral tube with different diameters and different lengths based on customers demand.

Tube length	120-8000mm
Suitable material	Galvanized steel, Stainless steel, Aluminum
Thickness of strip	0.4-1.2mm
Width of strip	137-140mm
Strip speed	1-50m/min
Lock seam	Outside tube, on the inside on request
Controlling system	PLC automatic control
Main motor power	5.5KW
Mold	Fixed mold
Cutting system	Flying slit cutting
Weight	about 3200kg
Packing dimension	3400*2150*1600mm

UPPER - LOWER MOLD PRESS BRAKE



GALLERY

