

FOLDING MACHINE



ZF40

- ◆ A fully welded structure, and compact high quality engineering, ensure minimum maintenance, together with simple and safe operation
- ◆ They have the function of air spring which can be installed inside the arm (Optional)
- ◆ With foot control, it is easy for operation and relax hands



ZF80 / ZF100

Item No.	Tzouke90001	Tzouke90002	Tzouke90003	Tzouke90004	Tzouke90005
Model	ZF40	ZF50	ZF60	ZF80	ZF100
Max. working length (mm)	1020	1070	1520	2020	2520
Max. sheet thickness (mm)	2.5	2.0	1.5	1.2	1.0
Max. clamping bar lift (mm)	47	47	47	47	47
Folding angle	0—135°	0—135°	0—135°	0—135°	0—135°
Packing size (cm)	142x56x128	165x62x128	196x71x130	247x94x132	297x94x132
N. W. / G. W. (kg)	285/320	320/360	385/456	490/640	590/770

FOLDING MACHINE



ZF40A

- ◆ With foot control, It is easy for operation and relax hands for adjusting the material
- ◆ They have the function of air spring which can be installed inside the arm(Optional)
- ◆ The press blade and folding blade are segment structure



- ◆ A fully developed quick release system for the clamp beam segment ensures fast interchangeability
- ◆ The folding beams are fitted with a counter-balance and angle stop to provide a perfect and effective operation within the full capacity of the machine
- ◆ The optional back-gauge can be easily mounted when using the pre-drilled fixing points



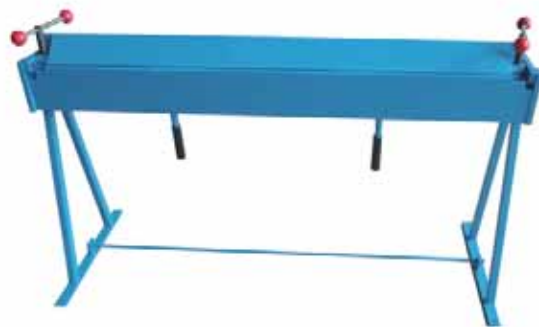
ZF40/3A

Item No.	Tzouke90006	Tzouke90007	Tzouke90008	Tzouke90009	Tzouke90010
Model	ZF40/2A	ZF50/2A	ZF60/1.5A	ZF40/3A	ZF50/3A
Max. working length(mm)	1020	1270	1520	1020	1270
Max. sheet thickness(mm)	2.0	2.0	1.5	2.0	1.5
Max. clamping bar lift(mm)	47	47	47	45	45
Folding angle	135°	135°	135°	150°	150°
Packing size(cm)	142x56x128	165x62x128	196x71x130	142x56x139	167x62x139
N. W. / G. W. (kg)	320/350	350/385	395/466	430/470	465/510

FOLDING MACHINE



ZF40/1A
ZF50/1A



ZF50/1.0



ZF80/1A-ZF100/1A-ZF120/1A

Item No.	Model	Capacity (mm)			Packing size (cm)	N. W. / G. W. (kg)
		Width	Thickness	Angle		
Tzouke90011	ZF40/1A	1020	1.0	0-135°	135x53x62	105/140
Tzouke90012	ZF50/1A	1250	1.0	0-135°	162x69x45	115/135
Tzouke90013	ZF48/1A	915	12 gauge	0-120°	130x24x50	62/74
Tzouke90014	ZF80/1A	2020	1.0	0-135°	245x94x70	455/600
Tzouke90015	ZF100/1A	2500	1.0	0-135°	307x94x62	550/730
Tzouke90016	ZF120/1A	3000	1.0	0-135°	358x94x62	640/840

HAND BRAKE/PAN & BOX BRAKE



ZF25



ZF48/1.2

Item No.	Model	Capacity (mm)			Packing size(cm)	N.W./G.W. (kg)
		Length	Thickness	Angle		
Tzouke90016	ZF12	305	1.0	0—135°	50x30x37	19/21
Tzouke90017	ZF25	610	1.0	0—135°	81x30x35	28/31
Tzouke90018	ZF36	915	1.0	0—350°	116x41x59	65/78
Tzouke90020	ZF48/1.2	1220	1.2	0—135°	158x39x58	90/104



ZF25A



ZF48/1.5A

Item No.	Model	Capacity (mm)			Packing size(cm)	N.W./G.W. (kg)
		Width	Thickness	Angle		
Tzouke90021	ZF12A	305	1.0	0—135°	50x35x41	28/30
Tzouke90022	ZF25A	610	1.0	0—135°	81x35x42	43/46
Tzouke90023	ZF36A	915	1.0	0—350°	117x35x43	70/80
Tzouke90024	ZF48/1.5A	1220	1.5	0—135°	161x48x68	135/151



ZF48B

- ◆ Heavy duty type
- ◆ Solid machine with stainless steel
- ◆ Bending segment for high precision
- ◆ Many different sizes of bending segment for various work—pieces

Item No.	Model	Capacity (mm)			Packing size(cm)	N.W./G.W. (kg)
		Length	Thickness	Angle		
Tzouke90025	ZF25B	610	1.0	0—135°	86x35x44	54/63
Tzouke90027	ZF36B	915	1.5	0—135°	117x40x58	106/123
Tzouke90026	ZF48B	1220	1.5	0—350°	161x48x68	152/180

HAND BRAKE/PAN & BOX BRAKE



ZF80/2.5



Item No.	Model	Capacity (mm)			Packing size (cm)	N.W./G.W. (kg)
		Width	Thickness	Angle		
Tzouke90028	ZF48	1220mm (48")	2.5mm (12Ga)	0—135°	171x75x94	513/575
Tzouke90029	ZF80A	2040mm (80")	2.0mm (14Ga)	0—135°	255x76x100	850/1000
Tzouke90030	ZF80/2.5	2040mm (80")	2.5mm (12Ga)	0—120°	255x76x100	1145/1295
Tzouke90031	ZF100A	2540mm (100")	2.0mm (14Ga)	0—135°	300x76x100	1190/1360
Tzouke90032	ZF100/2.5	2540mm (100")	2.5mm (12Ga)	0—135°	300x76x100	1310/1480
Tzouke90033	ZF120A	3050mm (120")	2.0mm (14Ga)	0—135°	350x76x110	1490/1690

MAGNETIC BENDING MACHINE



◆ The fundamental principle of the Magnetic Bending Machine is that it uses electromagnetic, rather than mechanical, clamping system. The machine consists of a long electromagnet with a steel clamp bar located above it. The sheet metal is clamped between the two by an electromagnet capable of clamping with a force range of between 3–10 tons. Rotating the bending beam then forms the bend. The sheet is bent around the front edge of the clamping bar. They have application in many ways with four various sets clamping bars.

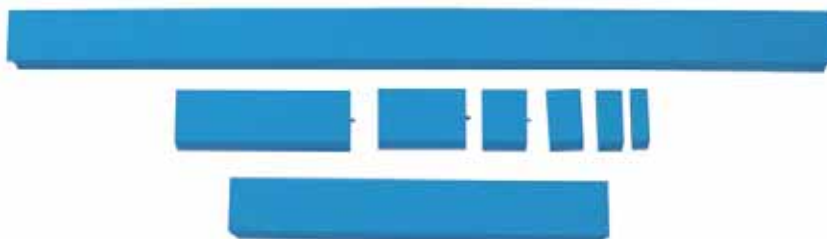
BENDING CAPACITIES (for standard full-length clamping bar)

Item No.	Tzouke90034	Tzouke90035	Tzouke90036
Model	EB625	EB1000	EB1250
Max. Capacity (length x thickness)	625 x 1.6mm 2' x 16ga	1000 x 1.6mm 3' x 16ga	1250 x 1.6mm 4' x 16ga
Clamping force	3Ton	4.5Ton	6Ton
Duty cycle	30%	30%	30%
Back gauge	390mm	640mm	640mm
Foot switch	NO		Standard
Nominal current	4Amp	6Amp	6Amp
Protection	Thermal cut-out 70°C		
Bending—edge length	670mm	1050mm	1300mm
Distance between lifters	630mm	1010mm	1260mm
Packing size	83x112x38cm	120x112x38cm	145x112x38cm
N.W./G.W.	102/127kg	142/177kg	175/220kg

MAGNETIC BENDING MACHINE



EB2500



Standard Clamping Bars

- ◆ Magnetic clamping brake
- ◆ Easy raise clamp bar
- ◆ Unlimited box depth
- ◆ Includes multiple finger lengths
- ◆ Bending stop included

BENDING CAPACITIES (for standard full-length clamping bar)

Item No.	Tzouke90037	Tzouke90038	Tzouke90039
Model	EB2000	EB2500	EB3200
Max. Capacity (lengthxthickness)	2000x1.6mm 6' x16ga	2500x1.6mm 8' x16ga	3200x1.2mm 10' x18ga
Clamping force	9Ton	12Ton	10Ton
Duty cycle	30%	30%	30%
Back gauge	640mm	640mm	640mm
Foot switch	Standard		
Nominal current	12Amp	15Amp	15Amp
Protection	Thermal cut-out 70°C		
Bending—edge length	2090mm	2590mm	3290mm
Distance between lifters	2028mm	2528mm	3228mm
Packing size	220x112x38cm	270x112x38cm	340x112x38cm
N.W./G.W.	290/360kg	330/420kg	400/510kg

ELECTRIC SHEARING MACHINE



Q11-3x1250

- ◆ Manual back gauge with mm-counter
- ◆ Cutting line lighting
- ◆ Mobile 24V foot switch
- ◆ Automatic rubber-coated sheet hold
- ◆ Bench angle-stop



Q11-3x2050

Item No.	Tzouke90040	Tzouke90041	Tzouke90042	Tzouke90043
Model	Q11-3x1250	Q11-3x2050	Q11-4x1250	Q11-2x2050
Max. shearing thickness(mm)	3.0	3.0	4.0	2.0
Max. shearing width(mm)	1250	2050	1250	2050
Shearing angle	2°	2°	2.4°	2°
No. of stroke(per minute)	30	30	30	30
Motor power(KW)	3	3	4	3
Back gauge(mm)	630	630	630	630
Packing size(cm)	184x103x135	266x116x147	187x116x147	266x116x147
N. W./G. W. (kg)	980/1140	1520/1740	1200/1400	1360/1580

ELECTRIC SHEARING MACHINE

- ◆ PLC—control
- ◆ Cutting line lighting
- ◆ Mobile 24V foot switch
- ◆ Two sides shear blades
- ◆ Graphical control system with finger touch screen
- ◆ Rear guarding with interlock
- ◆ Sheet hold down devices with rolling balls
- ◆ Sheet catcher, pneumatic type
- ◆ Motorized back—gauge with manual fine adjustment



Q11—2x2550NC

Item No.	Tzouke90044	Tzouke90045	Tzouke90046
Model	Q11—4x1300	Q11—2x2550NC	Q11—4x2550NC
Max. shearing thickness (mm)	4.0	2.0	4.0
Max. shearing width (mm)	1300	2550	2550
Shearing angle	2.4°	1.6°	1.8°
No. of stroke (per minute)	30	30	30
Motor power (KW)	4	4	7.5
Back gauge (mm)	630	630	630
Packing size (cm)	191x116x145	320x116x148	325x116x155
N. W. / G. W. (kg)	1320/1520	1900/2150	2500/2800

ELECTRIC SHEARING MACHINE



Q11—4x2000



Q11—3x1300

- ◆ Long-life of high quality blade
- ◆ Back gauge is available to give fine adjustment
- ◆ Simple construction with good appearance
- ◆ Easy to operate with lower energy consumption
- ◆ Widely used for medium and thick steel

Item No.	Tzouke90047	Tzouke90048	Tzouke90049	Tzouke90050	Tzouke90051
Model	Q11—3x1300	Q11—3x1500	Q11—4x2000	Q11—4x2500	Q11—4x3200
Max. shearing thickness(mm)	3.0	3.0	4.0	4.0	4.0
Max. shearing width(mm)	1300	1500	2000	2500	3200
Shearing angle	3°	3°	2°	2°	1.3°
No. of stroke(per minute)	20	20	20	20	20
Motor power(KW)	3	3	5.5	5.5	7.5
Back gauge(mm)	350	350	500	500	600
Packing size(cm)	233x136x154	240x130x144	318x151x149	370x151x149	520x210x185
N.W./G.W. (kg)	1300/1450	1500/1650	3000/3200	3600/3850	6800/7100

ELECTRIC SHEARING MACHINE



Q11-6x2000

- ◆ Long-life of high quality blade
- ◆ Back gauge is available to give fine adjustment
- ◆ Simple construction with good appearance
- ◆ Easy to operate with lower energy consumption
- ◆ Widely used for medium and thick steel

Item No.	Tzouke90052	Tzouke90053	Tzouke90054	Tzouke90055	Tzouke90056	Tzouke90057
Model	Q11-6x2000	Q11-6x2500	Q11-8x2000	Q11-8x2500	Q11-10x1000	Q11-10x1500
Max. shearing thickness(mm)	6.0	6.0	8.0	8.0	10.0	10.0
Max. shearing width(mm)	2000	2500	2000	2500	1000	1500
Shearing angle	2°	2°	2°	1.42°	3°	3°
No. of stroke(per minute)	20	20	20	14	26	20
Motor power(KW)	7.5	11	11	11	11	15
Back gauge(mm)	500	500	500	500	500	500
Packing size(cm)	328x170x182	378x170x182	335x175x182	390x227x244	240x175x182	290x175x182
N. W. / G. W. (kg)	4100/4300	5200/5500	4500/4800	6800/7150	3500/3750	4000/4300

GUILLOTINE SHEAR



GS-1000 / GS-1250



GS-1000I



KHS-1000 / 1250



TSC1010 / 1.6

Item No.	Tzouke90058	Tzouke90058-1	Tzouke90059	Tzouke90060	Tzouke90061	Tzouke90062
Model	GS-1000	GS-1250	GS-1000I	KHS-1000	KHS-1250	TSC1010 / 1.6
Bed width(mm)	1000	1250	1000	1000	1250	1010
Max. shearing thickness(mm)	1.0	1.0	1.0	1.0	1.0	1.6
Construction	steel plate	steel plate	cast iron	steel plate	steel plate	steel plate
Table height (mm)	800	800	760	750	750	760
Packing size(cm)	148x93x67	173x93x67	165x105x50	165x110x63	194x110x68	151x59x107
N. W. / G. W. (kg)	238 / 295	288 / 305	385 / 445	460 / 510	560 / 670	345 / 440

SHEARING MACHINE

- ◆ With both front & back gauge
- ◆ With heavier weight, good stability.
- ◆ High carbon and chrome steel blade
- ◆ A fully casting structure, not easy deformation.
- ◆ Used for mild steel, aluminium copper, brass zinc plastic and leads



Q01-1.5x1320



Q01-1.5x1320A



back gauge

- ◆ A fully welded steel structure, high strength.
- ◆ Strong cutting capability, reduction of labor intensity.
- ◆ Foot pedal can extend and shorten freely.
- ◆ Used for mild steel, aluminium copper, brass zinc plastic and leads
- ◆ High carbon and chrome steel blade

Item No.	Tzouke90063	Tzouke90064	Tzouke90065	Tzouke90066	Tzouke90067
Model	Q01-1.0x1000	Q01-1.5x1320	Q01-2x1000	Q01-2x1000A	Q01-1.5x1320A
Width(mm)	1000	1320	1000	1000	1320
Max. shearing thickness(mm)	1.0	1.5	2.0	2.0	1.5
Back gauge range (mm)	0-700	0-700	0-700	0-800	0-800
Packing size(cm)	140x76x115	168x76x115	140x76x115	140x76x115	168x76x115
N. W. /G. W. (kg)	365/410	491/545	405/450	355/400	430/500

SHEARING MACHINE

- ◆ Foot control.
- ◆ High carbon and chrome steel blade
- ◆ Used for mild steel, aluminium copper, brass zinc plastic and leads
- ◆ Delivered with working light



BQF-1.0X1050



EBQ01-1.25X650

Standard equipment

- ◆ Cutting line lighting
- ◆ Front angle stop
- ◆ foot pedal switch
- ◆ Adjustable backstop with mm scale
- ◆ Optional stand is available

Item No.	Tzouke90068	Tzouke90069	Tzouke90070	Tzouke90071
Model	BQF01-1.25x650	BQF01-1.0x1050	EBQ01-1.25x650	EBQ01-1.0x1050
Width(mm)	650	1050	650	1050
Max. shearing thickness(mm)	1.25	1.0	1.25	1.0
Back gauge range (mm)	0-500	0-500	0-500	0-500
Motor(kw)	—	—	0.75	0.75
Packing size(cm)	92x80x113	132x80x113	105x65x63	140x65x65
N.W./G.W. (kg)	155/230	175/250	185/250	238/285

SHEARING MACHINE

- ◆ Hand control
- ◆ Delivered with working light
- ◆ Used for mild steel, aluminium, copper, brass, zinc, plastic and leads
- ◆ High carbon and chrome steel blade

Item No.	Tzouke90072	Tzouke90073
Model	BQ01-1.25x650	BQ01-1.0x1050
Width(mm)	650	1050
Max. shearing thickness(mm)	1.25	1.0
Back gauge range (mm)	0-500	0-500
Packing size(cm)	97x47x54	137x48x58
N.W./G.W. (kg)	100/144	160/220



- ◆ Used for mild steel, aluminium, copper, brass, zinc, plastic and leads
- ◆ High carbon and chrome steel blade
- ◆ Hand control



Item No.	Tzouke90074	Tzouke90075	Tzouke90076	Tzouke90077
Model	Q01-1.5x1500	Q01-1.25x2000	Q01-1.5x1050	Q01-0.8x2500
Width(mm)	1500	2000	1050	2500
Max. shearing thickness(mm)	1.5	1.25	1.5	0.8
Back gauge range (mm)	0-300	0-300	0-300	0-300
Packing size(cm)	208x76x120	258x76x120	158x76x120	308x76x120
N.W./G.W. (kg)	445/515	511/600	378/438	595/745

HAND SHEAR

- ◆ Level arm with compensating spring
- ◆ Easy cutting across the entire length
- ◆ Rigid cutter body



Item No.		Tzouke90078	Tzouke90079	Tzouke90080	Tzouke90081	Tzouke90082	Tzouke90083
Model		HS-5	HS-6	HS-8	HS-10	HS-12	HSG-8
Blade length		5"	6"	8"	10"	12"	8"
Capacity (mm)	Steel steel	6.0	6.0	6.0	6.0	6.0	6.0
	Flat steel	70x6	70x6	70x6	70x6	70x6	70x6
	Round steel	11	11	13	13	13	13
Packing size (cm)		33x16x33	33x16x33	50x16x45	74x15x44	74x15x44	50x16x45
N. W. / G. W. (kg)		9/10	11/13	17/19	21/23	26/28	19/20



- ◆ Hand control and simple operation
- ◆ Specifically used for thin plates
- ◆ Suitable for metal plate and plastic plate
- ◆ Maximum shearing thickness is 1.5mm

Item No.	Tzouke90084	Tzouke90085	Tzouke90086
Model	HS-500	HS-800	HS-1000
Bed width (mm)	500	800	1000
Max. shearing thickness (mm)	1.5	1.5	1.5
Packing size (cm)	77x27x42	112x28x54	138x28x54
N. W. / G. W. (kg)	37/40	41/55	52/70

HAND NOTCHER/MANVAL SHEAR



HN-3/102



HN-3



FN1.5x80 with Foot Pedal



HN-4 with stand(Optional)

Item No.	Tzouke90087	Tzouke90088	Tzouke90093	Tzouke90094
Model	HN-3/102	HN-3	HN-4	FN1.5x80
Thickness(mm)	3	1.5	1.5	1.5
Punches (mm)	100x100	125x125	152x152	80x80
90° Angle(mm)	100x100	125x125	152x152	80x80
Ram stroke(mm)	30	25	20	25
Packing size(cm)	46x45x76	43x37x44	58x53x52	46x38x116
N.W./G.W. (kg)	90/105	22/30	75/85	75/92

- ◆ Best for cutting metal plate, rod steel, flat steel.
- ◆ Durable steel frame cutter includes hardened high carbon steel blade
- ◆ Bolt to bench or table top.
- ◆ Blade can be easily replaced



MS-20/24/28/32

Item No.		Tzouke90089	Tzouke90090	Tzouke90091	Tzouke90092
Model		MS-20	MS-24	MS-28	MS-32
Capacity(mm) (mild steel)	Round steel	20	24	28	32
	Flat steel	30x8	35x12	40x12	40x14
	Square steel	18x18	20x20	24x24	28x28
Packing size(cm)		41x37x20	41x37x20	45x24x45	46x25x45
N.W./G.W. (kg)		16/17	25/27	34/39	46/52

MULTI-PURPOSE MANUAL SHEAR/BAR & SECTION SHEAR



MMS-2



MMS-3



MMS-1

Item No.	Tzouke90095	Tzouke90096	Tzouke90097
Model	MMS-1	MMS-2	MMS-3
Max. shearing thickness(mm)	1.5	2.0	3.0
Max. shearing width(mm)	—	—	—
Max. shearing radius(mm)	—	—	—
Packing size(cm)	40x15x16	19x18x24	32x24x34
N.W./G.W. (kg)	2/2.5	9/10	21/22

- ◆ Rigid versatile cutter for sheet metal, flat steel and round/square/angular steel bars and T-beam steel
- ◆ Rigid height—adjustable hold—down



PBS-8



PBS-7



PBS-9

- ◆ Double functions for cutting & punching
- ◆ Rigid cutter for sheet metals, flat steel and round/square/angular steel
- ◆ Round deep-hole, square or similar stamps
- ◆ A good choice for sheet-metal users

Item No.	Tzouke90100
Model	PBS-9
Max. punching capacity (mm)	8.0
Throat depth (mm)	160
Punch mold & die (mm)	55x34x18

Item No.	Tzouke90098	Tzouke90099	Tzouke90100
Model	PBS-8	PBS-7	PBS-9
Capacity(mm) (mild steel)	Round steel	16	22
	Square steel	16	20
	Flat steel	100x10	90x14
	Angle steel	40x6	60x7
	T-steel	40x6	60x7
	Plate steel	8	10
Body packing size(cm)	66x28x61	97x36x67	110x36x92
Handle packing size(cm)	120x16x12	120x16x12	120x16x12
N.W./G.W. (kg)	45/52	96/111	130/158

3-IN-1 COMBINATION OF SHEAR, BRAKE & ROLL MACHINE



Standard dies

MINI SHEAR BRAKE 8"



- ◆ Bend and shear with one compact tool, perfect for countless applications
- ◆ Double-featured miniature machine will save you hours of tedious sheet metal fabrication and finishing
- ◆ Use on copper and brass 1mm, aluminum 1.2mm (18 gauge)
- ◆ Blade length: 200mm (8")
- ◆ Mounting base: 230x125mm
- ◆ Max. bending angle: 90°
- ◆ Packing size: 50x32x11cm
- ◆ Weight: 13kg



3-IN-1/305

- ◆ Ideal combination machine for sheet metal machining to a length of 305mm and a thickness of 1.0mm cutting stop
- ◆ Roll bending starting with diameter of 39mm
- ◆ Folding with a max. angle of 90°
- ◆ Adjustable rear stop

Item No.	Tzouke90102	Tzouke90103	Tzouke90104	Tzouke90105
Model	3-IN-1/200	3-IN-1/305	3-IN-1/610	3-IN-1/760
Bed width (mm)	200	305	610	760
Max. shearing thickness (mm)	1.0	1.0	1.0	1.0
Max. bending thickness (mm)	1.0	1.0	1.0	1.0
Max. bending angle	90°	90°	90°	90°
Max. rolling thickness (mm)	1.0	1.0	1.0	1.0
Min. rolling dia. (mm)	29	39	39	39
Packing size (cm)	54x24x28	49x33x42	84x41x66	100x41x66
N. W. / G. W. (kg)	19/20	43/45	112/123	136/153

3-IN-1 COMBINATION OF SHEAR, BRAKE & ROLL MACHINE



3-IN-1/1016

- ◆ Removable male dies with female dies
- ◆ Back gauge standard equipment
- ◆ With two position handles
- ◆ Shearing mild steel or equipment
- ◆ Press brake—bends box and pan works
- ◆ Sectional fingers allow box and pan works
- ◆ Slip roll provided with forming grooves



3-IN-1/1067x1.5

- ◆ Heavy-duty type
- ◆ Back gauge standard equipment
- ◆ With two position handles
- ◆ Combination shear, brake and roll in one compact machine, capacity up to 1.5mm

Item No.	Tzouke90106	Tzouke90107	Tzouke90108	Tzouke90109	Tzouke90110
Model	3-IN-1/1016	3-IN-1/1067	3-IN-1/1320	3-IN-1/1067x1.5	3-IN-1/1320x1.5
Bed width(mm)	1016	1067	1320	1067	1320
Max. shearing thickness(mm)	1.0	1.0	1.0	1.5	1.5
Max. bending thickness(mm)	1.0	1.0	1.0	1.5	1.5
Max. bending angle	90°	90°	90°	90°	90°
Max. rolling thickness(mm)	1.0	1.0	1.0	1.5	1.5
Min. rolling dia. (mm)	40	42	50	60	60
Packing size(cm)	135x45x72	139x54x78	168x54x78	150x59x93	179x59x93
N. W./G. W. (kg)	195/212	276/297	349/377	390/440	470/530

SLIP ROLL MACHINE



SJ320



Optional vise

SJ300

Item No.	Model	Max. thickness (mm)	Max. width (mm)	Dia. of roll (mm)	Packing dimension (cm)	N. W./G. W. (kg)
Tzouke900111	SJ320	1.0	320	32	48x22x19	13/14.5
Tzouke900112	SJ300	1.0	300	32	48x22x18	13/14.5



W01-0.8x305



W01-0.8x305

Optional stand



W01-1.5x1300

- ◆ Precision ground cast iron roller
- ◆ High strength steel rolls
- ◆ Top roll swing out
- ◆ Lower roll adjustment with adjustment lever and cam



Hardened steel gearing



Quick release top roller

Item No.	Model	Max. thickness (mm)	Max. width (mm)	Dia. of roll (mm)	Packing dimension (cm)	N. W./G. W. (kg)
Tzouke90113	W01-0.8x305	0.8	305	25.4	54x24x28	13/14.5
Tzouke90114	W01-0.8x610	0.8	610	38	95x27x38	37/40
Tzouke90115	W01-0.8x915	0.8	915	50	134x34x50	80/90
Tzouke90116	W01-0.8x1000	0.8	1000	50	148x35x50	86/107
Tzouke90117	W01-1.5x1300	1.5	1300	75	173x45x58	195/220

ELECTRIC CLIP ROLL MACHINE



ESR-1300x1.5

- ◆ Asymmetrical roll bending machine with 3 rolls
- ◆ High strength steel rolls
- ◆ Fixed top roller, adjustable lower and rear rollers
- ◆ Standard series wire core groove
- ◆ Top roll swing out across cam lock
- ◆ Supplied with conical bending feature



W01-2x1000



- ◆ Iron frame
- ◆ Quick release top roller

Item No.	Model	Max. thickness (mm)	Max. width (mm)	Dia. of roll (mm)	Packing dimension (cm)	N. W / G. W (kg)
Tzouke90118	W01-2x610	2.0	610	60	126x62x118	166/210
Tzouke90119	W01-2x1000	2.0	1000	60	155x62x118	200/240
Tzouke90120	W01-2x1250	2.0	1250	60	180x62x118	223/260

ELECTRIC CLIP ROLL MACHINE



Item No.	Model	Max. thickness (mm)	Max. width (mm)	Dia. of roll (mm)	Motor power (kw)	Packing dimension (cm)	N. W / G. W (kg)
Tzouke90121	ESR-1300x1.5	1.5	1300	75	0.75	18x65x110	280/340
Tzouke90122	ESR-1020x2	2.0	1020	60	0.75	174x60x126	260/325
Tzouke90123	ESR-1300x1.5E	1.5	1300	60	0.75	190x55x110	270/340

ELECTRIC CLIP ROLL MACHINE



- ◆ Asymmetrical roll bending machine with 3 high strength steel rolls
- ◆ Fixed top roller, adjustable lower and rear rollers
- ◆ Standard series wire core groove
- ◆ Top roll swing out across cam lock
- ◆ Supplied with conical bending feature

Item No.	Model	Max.rolling thickness (mm)	Max.rolling width (mm)	Dia.of roll (mm)	Motor power (kw)	Packing size (cm)	N.W/G.W. (kg)
Tzouke90124	ESR-1300x2.5	2.5	1300	90	1.5	200x72x120	540/600
Tzouke90125	ESR-1300x4.5	4.5	1300	120	2.2	200x76x127	750/830
Tzouke90126	ESR-1550x3.5	3.5	1550	120	2.2	222x76x127	790/890
Tzouke90127	ESR-2020x3.5	3.5	2020	127	4.0	270x87x130	1100/1200
Tzouke90128	ESR-2070x2.5	2.5	2070	120	2.2	282x87x130	1060/1200
Tzouke90129	ESR-2070x3.5	3.5	2070	127	3.0	282x87x130	1110/1250

ROUND BENDING MACHINE



RBM10

Item No.		Tzouke900130	
Model		RBM10	
Dia. of roller		30mm	
Packing size		50x48x68cm (body) 87x77x34cm (stand)	
N.W./G.W.		153/170kg	
Max. capacity (mm) (one set standard roller)		Size (mm)	Min Dia. (mm)
		20x5	190
		30x10	500
		20x5	160
		50x10	400
		10x10	160
		20x20	500

- ◆ Special cast frame
- ◆ Shafts are hardened with special steel material
- ◆ Rollers are special steel material hardened and ground
- ◆ Gears milled with full material
- ◆ Optional rollers for choice



ERBM10HV

Item No.		Tzouke900131	
Model		ERBM10HV	
Dia. of roller		30mm	
Power		1.1kw/1.5HP	
Spindle speed		8r/mm	
Packing size		95x80x135cm	
N.W./G.W.		230/280kg	
Max. capacity (mm) (one set standard roller)		Size (mm)	Min Dia. (mm)
		20x5	190
		30x10	500
		20x5	160
		50x10	400
		10x10	160
		20x20	500

- ◆ Horizontal and vertical operation
- ◆ With standard foot pedal

ROUND BENDING MACHINE



RBM30

- ◆ Vertical operation
- ◆ With standard foot pedal

Item No.		Tzouke90132	
Model		RBM30	
Dia. of roller		30mm	
Power		1.1kw/1.5HP	
Spindle speed		9r/min	
Packing size		82x62x126cm	
N. W. /G. W.		270/320kg	
Capacity	Size (mm)	Min dia (mm)	Article No.
	Φ 20x1	500	90132-01
	Φ 30x1	800	90132-02
	Φ 16	400	90132-01
	20x20x1	800	90132-03
	30x30x1	900	90132-04
	20x10	320	90132-05
	30x10	320	



RBM30HV

- ◆ Horizontal and Vertical operation
- ◆ With standard foot pedal

Item No.		Tzouke90133	
Model		RBM30HV	
Dia. of roller		30mm	
Power		0.75kW/1HP	
Spindle speed		9r/min	
Packing size		120x75x121cm	
N. W. /G. W.		244/282kg	
Capacity	Size (mm)	Min dia. (mm)	Article No.
	40x40x3	1000	
	50x15	350	one set standard roller
	50x30x3	1200	
	Φ 15 Φ 20 Φ 25 Φ 30	600	HV30-15-4
	40x40x2 40x40x3 40x40x4 40x40x5	400	HV30-15-5
	40x40x2 40x40x3 40x40x4 40x40x5	400	HV30-15-6
	50x50x2 50x50x3 50x50x4 50x50x5	400	HV30-15-7
	50x25x2 50x25x3 50x25x4 50x25x5	300	HV30-15-8
	50x25x2 50x25x3 50x25x4 50x25x5	400	HV30-15-9
	50x25x2 50x25x3 50x25x4 50x25x5	300	HV30-15-10
	Φ 35x2 Φ 40x2 Φ 45x2 Φ 50x2 Φ 55x2 Φ 60x2	1000	HV30-15-11

ROUND BENDING MACHINE



RBM40HV



HRBM40HV



RBM50/RBM50HV



HRBM50HV

ROUND BENDING MACHINE

Item No.	Tzouke90134		Tzouke90135	Tzouke90136	Tzouke90137		Tzouke90138	
Model	RBM40HV		RBM50	RBM50HV	RBM40HV		RBM50HV	
Dia. of roller (mm)	Φ40		Φ50		Φ40		Φ50	
Power	1.5kw/2HP		2.2kw/3HP		1.5kw/2HP		2.2kw/3HP	
Spindle speed	9.3r/min		13r/min		9.3r/min		13r/min	
Packing size (cm)	140x95x34		100x82x155		134x93x185		150x95x134	
N.W./G.W. (kg)	425/495		450/582		490/586		515/647	
Capacity	Size (mm)	Min Dia. (mm)	Size (mm)	Min Dia. (mm)	Size (mm)	Min Dia. (mm)	Size (mm)	Min Dia. (mm)
	50x10 20x6	600 800	60x10 40x10	500 650	50x10 20x6	600 800	60x10 40x10	500 650
	60x20 30x6	800 1250	100x15 60x10	920 1150	60x20 30x6	800 1250	100x15 60x10	920 1150
	30x30 10x10	650 1100	35x35 20x20	600 780	30x30 10x10	650 1100	35x35 20x20	600 780
	50x6 30x3	600 500	60x7 50x5	750 500	50x6 30x3	600 500	60x7 50x5	750 500
	50x6 30x3	600 500	60x7 50x5	750 700	50x6 30x3	600 500	60x7 50x5	750 700
	60x40x6 30x15x4	600 900	80x45x6 65x40x5	600 550	60x40x6 30x15x4	600 900	80x45x6 65x40x5	600 550
	60x40x6 30x15x4	600 900	80x45x6 65x40x5	650 550	60x40x6 30x15x4	600 900	80x45x6 65x40x5	650 550
	50x5 30x4	500 500	60x5 50x5	500 500	50x5 30x4	500 500	60x5 50x5	500 500
	50x5 30x4	500 500	60x5 50x5	700 700	50x5 30x4	500 500	60x5 50x5	700 700
	Φ30 Φ10	650 1100	Φ35 Φ30	600 650	Φ30 Φ10	650 1100	Φ35 Φ30	600 650
	50x50x2.5 30x30x2	700 800	60x60x3 40x40x3	600 500	50x50x2.5 30x30x2	700 800	60x60x3 40x40x3	600 500
	50x50x2.5 40x20x2	800 1000	70x50x3 50x40x3	1200 800	50x25x2.5 40x20x2	800 1000	70x50x3 50x40x3	1200 800

All the above processing capacities can be finished by one set of standard combination roller

Special Roller

Model	RBM40HV		RBM50/RBM50HV		HRBM40HV		HRBM50HV	
Profile	Size (mm)	Min Dia. (mm)	Size (mm)	Min Dia. (mm)	Size (mm)	Min Dia. (mm)	Size (mm)	Min Dia. (mm)
	30x2 35x2 40x2 45x2 50x2 55x2 60x2 65x2 70x2	700	30x2 35x2 40x2 45x2 50x2 55x2 60x2 65x2 70x2	600	30x2 35x2 40x2 45x2 50x2 55x2 60x2 65x2 70x2	700	30x2 35x2 40x2 45x2 50x2 55x2 60x2 65x2 70x2	600

We can design the rollers for you as per your special requirements. And we can make the rollers in various materials such as nylon.

HYDRAULIC ROUND BENDING MACHINE



HRBM65

- ◆ Steel-welded construction frame
- ◆ With hydraulic motor
- ◆ Mobile control panel
- ◆ Top roll hydraulic moveable
- ◆ One standard combination roller
- ◆ Horizontal and vertical operation

Item No.	Tzouke90139	
Model	HRBM65	
Dia. of roller	Φ65	
Power	2.25kW	
Spindle speed	9.3r/min	
Packing size	125x115x180	
N.W./G.W.	720/920	
Capacity	Size(mm)	Min dia. (mm)
	80x25	600
	40x10	500
	120x25	600
	50x10	400
	50	600
	20	400
	80x40x7	500
	40x40x5	400
	80x40x7	400
	40x40x5	360
	100x50x6	600
	50x40x5	500
	100x50x6	600
	50x40x5	500
	70x6	500
	40x5	400
	70x6	600
	40x5	500
	Φ50	600
	Φ20	400
	70x70x3	900
	30x30x3	500
	80x40x3	800
	50x30x2	500

All the above processing capacities can be finished by one set of standard combination roller

◆ Special Roller

Model	HRBM65	
Profile	Size	Min Dia. (mm)
	3-1/2" x2"	900
	2-1/8" x2"	500
	Φ100x2mm	1000
	Φ60x2mm	500

We can design the rollers for you as per your special requirements. And we can make the rollers in various materials such as nylon.

ROTARY MACHINE



- ◆ Hardened steel rollers
- ◆ Head rotates 360°
- ◆ Can bench mounted with "EZ Edge Finder"



RM-A



- ◆ Hardened steel rollers
- ◆ Fade adjustment no tools needed
- ◆ Easy change rollers



RM-B



RM-18
with stand(optional)



RM-08



Stand for RM08(optional)

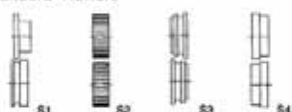
- ◆ Complete with six sets standard rollers for large and small turning, burning, wiring, crimping, and ogee bead will perform numerous operations for RM08/RM12/RM18

Item No.	Tzouke90140	Tzouke90141	Tzouke90142	Tzouke90143	Tzouke90144
Model	RM08	RM12	RM18	RM-A	RM18
Capacity	0.8mm/22Ga	1.2mm/18Ga	1.2mm/18Ga	1.0mm/20 gauge	1.0mm/20 gauge
Throat depth	177mm/7"	305mm/12"	457mm/18"	—	114mm
Packing	50x45x16cm	38x45x16cm	73x27x14cm	18x28x66cm	15x26x71cm
N. W. / G. W.	22/24kg	19/21kg	24/26kg	9/10kg	9/10kg
	48/53lbs	42/46lbs	53/57lbs	20/22lbs	20/22lbs

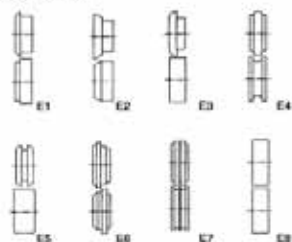
BEAD BENDING MACHINE

- ◆ Heavy and solid cast iron construction
- ◆ Special steel adjustable bottom spindle
- ◆ Self-braking motor with subframe(E-type)
- ◆ Easy to operate with foot pedal control(E-type)
- ◆ 4 sets standard rollers

Standard Rollers



Extra Rollers



ETB-12



power by manual

TB-12

Item No.	Tzouke90147	Tzouke90148
Model	TB-12	ETB-12
Thickness max	1.2mm/18Ga	1.2mm/18Ga
Cylinder length	140mm/5-1/2"	140mm/5-1/2"
Throat depth	200mm/8"	200mm/8"
Cylinder speed	—	32rpm
Motor power	—	0.75kW/1HP
Net weight	48kg/106lb	120kg/265lb
Packing size	67x32x60cm	110x48x148cm

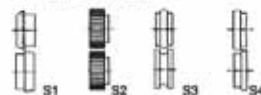
- ◆ Steel welded construction frame
- ◆ Adjustable idle roller
- ◆ Steel shaft with bronze bushings
- ◆ Reduction motor with brake system
- ◆ Movement of rollers with foot pedal
- ◆ Complete with stand
- ◆ 4 sets standard rollers



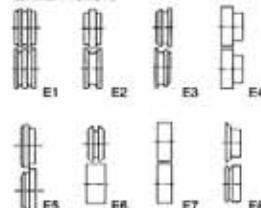
ETB-25
ETB-40

Item No.	Tzouke90149	Tzouke90150
Model	ETB-25	ETB-40
Thickness max	2.5mm 12Ga	4mm 8Ga
Cylinder length	120mm 4-3/4"	165mm 6-1/2"
Throat depth	280mm 11"	300mm 12"
Cylinder speed	20rpm	15.3rpm
Motor power	1.5kW/2HP	2.2kW/3HP
Net weight	235kg/518lb	341kg/752lb
Packing size	147x58x135cm	165x58x140cm

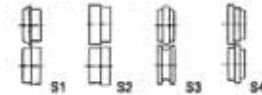
Roller for ETB-25
Standard Rollers



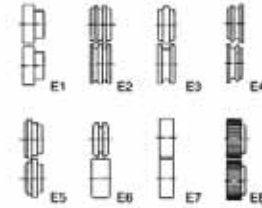
Extra Rollers



Roller for ETB-40
Standard Rollers



Extra Rollers



COMPACT BENDER/HYDRAULIC TUBE BENDER



YP-9

- ◆ Mild steel capacity: 8x32, 6x50mm
- ◆ Bending Angle: 0-200°



YP-38



UBM-30

Item No.	Model	Mild steel capacity (mm)	Bending angle	Packing size (cm)	N. W/G. W. (kg)
Tzouke90151	YP-9	8x32, 6x50	0-200°	67x26x13	17/18
Tzouke90152	YP-38	8x32, 6x50	0-200°	88x26x26	22.5/24
Tzouke90153	UBM-30	8x50, 6x50	0-200°	88x26x26	24/25

ROTARY MACHINE



RTB-8A



HB-10/12/16

Item No.	Tzouke90205	Tzouke90206
Model	RTB-8A	RTB-8
Thickness (mm)	0.8	0.8
Length (mm)	1250	1020
Packing size (cm)	160x30x40	136x30x40
N. W/G. W (kg)	64/82	59/75

Item No.	Model	Max. pressure (ton)	Max. ram strike (mm)	Packing size (cm)	N. W/G. W. (kg)
Tzouke90154	HB-10	10	155	71x59x22	45/48
Tzouke90155	HB-12	12	240	63x57x18	40/43
Tzouke90156	HB-16	16	240	82x62x24	85/88

UNIVERSAL BENDER

- ◆ For angular, roll, hoop and coil bending
- ◆ To produce grid, door gate, balcony railing pation furniture as well as rod iron lamps, suitable for steel brass copper and aluminum

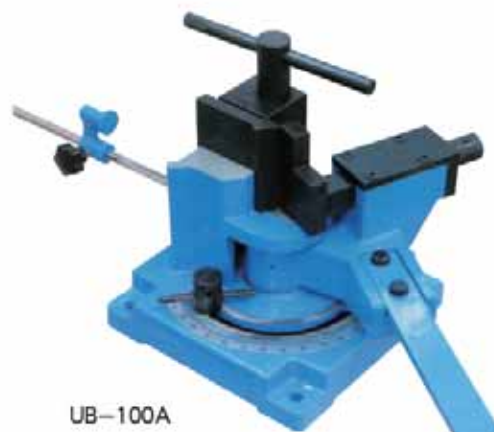


SBG-30

Item No.		Tzouke90157	Tzouke90158
Model		SBG-30	SBG-40
Capacity (mm)	Flat steel	30x10	30x8
	Round steel	10	15
	Square steel	10	13
Packing size (cm)		55x30x22	50x32x23
N. W. / G. W. (kg)		27/29	23/24



UB-70 UB-100



UB-100A

- ◆ Easy and precise operation
- ◆ Wide supporting face ensuring safe and reliable operation
- ◆ Bending angle of various radius by changing and turning
- ◆ Bending angle up to 120 degree

Item No.		Tzouke90159	Tzouke90160	Tzouke90161
Model		UB-70	UB-100	UB-100A
Capacity (mm)	Flat steel	Warm70x15	Warm100x15	Warm100x15
	Round steel	Warm18/30	Warm18/30	Warm22/27
	Square steel	16x16/30x30	16x16/30x30	20x20 25x25
	Angle steel	60x8/70x15	60x8/100x12	
Packing size (cm)		Body : 39x29x28	Body : 39x29x28	55x32x24
		Handle : 72x18x13 (20pcs)	Handle : 72x18x13 (20pcs)	
N. W. / G. W. (kg)		28/29	31/32	34/36

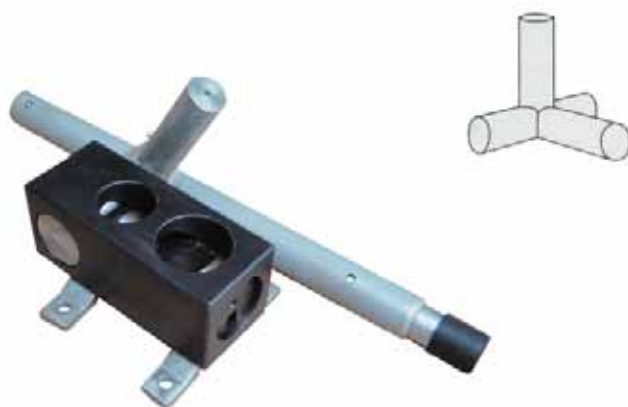
MUTIPURPASE METAL GRAFT TOOL SET/PIPE NOTCHER



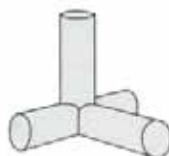
W-1

- ◆ Create ornate metal fixture for home, garden or business
- ◆ Make plant hangers, candelabras, wire racks and even fencing out of mild steel strip
- ◆ Includes scroll former, bender, twister
- ◆ Use up to 3/8" round or square bar in both scroll former and bender and 1" x 1-3/6" up to flat strip in scroll former
- ◆ One toll shears and punches square and rectangular
- ◆ Shear round stock too
- ◆ 1/4" base has four 3/8" mounting holes
- ◆ Punch capacity: 3/16" flat stock
- ◆ Shear capacity: 1.18x0.20" rectangular stock 0.236" square or round stock

Item No.	Model	Packing size(cm)	N.W./G.W. (kg)
Tzouke90162	W-1	107x31x32	12/13
Tzouke90163	W-2	107x41x26	32/34



RA1/RA2/BA3



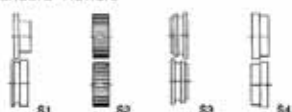
MODEL: PTN12U
ELECTRIC PIPE/TUBE NOTCHER

Item No.	Tzouke90172	Tzouke90173	Tzouke90174	Tzouke90175
Model	RA1	RA2	RA3	PTN12U
Capacity (steel)	1/4", 3/8", 1/2"	3/4", 1", 1-1/4"	1-1/2", 2"	1/4"-2"
Packing size	50 x 18 x 16	50 x 18 x 16	50x18x16	86 x40 x45
N.W./G.W. (kg)	6.5/7.5	8/9	15/16	85/92

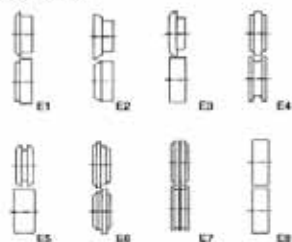
BEAD BENDING MACHINE

- ◆ Heavy and solid cast iron construction
- ◆ Special steel adjustable bottom spindle
- ◆ Self-braking motor with subframe(E-type)
- ◆ Easy to operate with foot pedal control(E-type)
- ◆ 4 sets standard rollers

Standard Rollers



Extra Rollers



ETB-12



power by manual

TB-12

Item No.	Tzouke90147	Tzouke90148
Model	TB-12	ETB-12
Thickness max	1.2mm/18Ga	1.2mm/18Ga
Cylinder length	140mm/5-1/2"	140mm/5-1/2"
Throat depth	200mm/8"	200mm/8"
Cylinder speed	—	32rpm
Motor power	—	0.75kW/1HP
Net weight	48kg/106lb	120kg/265lb
Packing size	67x32x60cm	110x48x148cm

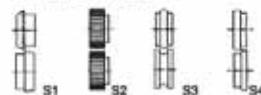
- ◆ Steel welded construction frame
- ◆ Adjustable idle roller
- ◆ Steel shaft with bronze bushings
- ◆ Reduction motor with brake system
- ◆ Movement of rollers with foot pedal
- ◆ Complete with stand
- ◆ 4 sets standard rollers



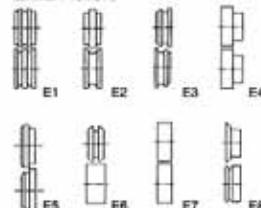
ETB-25
ETB-40

Item No.	Tzouke90149	Tzouke90150
Model	ETB-25	ETB-40
Thickness max	2.5mm 12Ga	4mm 8Ga
Cylinder length	120mm 4-3/4"	165mm 6-1/2"
Throat depth	280mm 11"	300mm 12"
Cylinder speed	20rpm	15.3rpm
Motor power	1.5kW/2HP	2.2kW/3HP
Net weight	235kg/518lb	341kg/752lb
Packing size	147x58x135cm	165x58x140cm

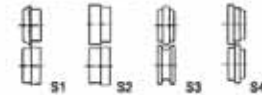
Roller for ETB-25
Standard Rollers



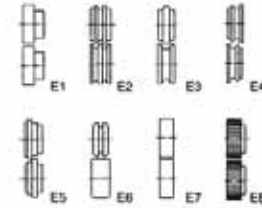
Extra Rollers



Roller for ETB-40
Standard Rollers



Extra Rollers



ENGLISH WHEEL



F1.2x560



F1.2x710

- ◆ 6pcs forming wheels and the upper rolling wheel included with delivery for F1.2x560, F1.2x710, F1.2x560A

Item No.	Tzouke90169
Model	F1.2 × 1000
Capacity (steel)	1.2mm/18Ga
Throat depth	1040mm/40"
Packing size	140 × 65 × 105cm
N.W./G.W.	133/176kg

- ◆ Professional version with pressure control by foot
- ◆ Quick lever mechanism
- ◆ Sideways adjustment of the lower forming wheels
- ◆ 5pcs forming wheels included



F1.2x1000

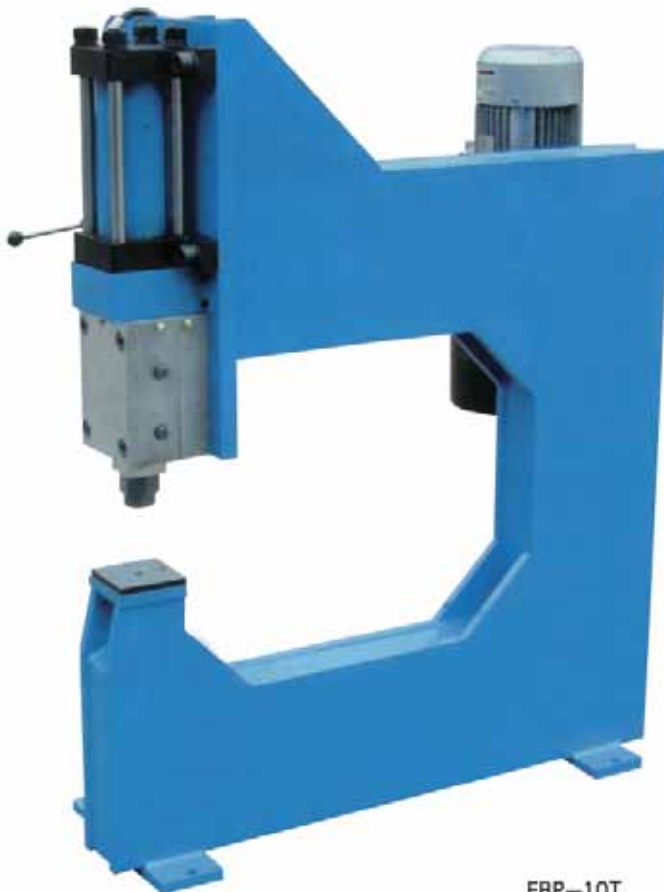
Item No.	Tzouke90170	Tzouke90171	Tzouke90172
Model	F1.2 × 560	F1.2 × 710	F1.2 × 560A
Capacity (steel)	1.2mm/18Ga	1.2mm/18Ga	1.2mm/18Ga
Throat depth	560mm/22"	710mm/28"	560mm/22"
Packing size	84 × 74 × 33cm	89 × 80 × 24cm	84 × 74 × 33cm
N.W./G.W.	61/77kg	76/82kg	57/73kg

MANUAL & HYDRAULIC BENCH PRESSES

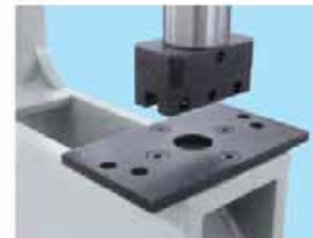
- ◆ Item No: Tzouke90173
- ◆ Fits Punch & Flare Tools and Punch & Bead Tools
- ◆ Uses industry standard punch & dies for round, square and oblong holes
- ◆ Rugged Welded Plate Construction
- ◆ Bronze bushings for Long life
- ◆ Can be used as a standard arbor press
- ◆ Accept all bench press and louver press tooling
- ◆ 12" deep throat
- ◆ Max. Capacity: 3ton
- ◆ Packing size: 68x38x70cm
- ◆ N.W./G.W.: 67/80kg



BP-3T



EBP-10T

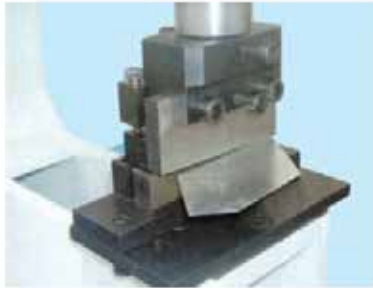


Adaptor and Die mounting plate are delivered with machine.



- ◆ Item No: Tzouke90174
- ◆ The 10 ton Hydraulic Bench press accepts all bench press and louver press tooling of BP-3T
- ◆ Uses industry standard punch & dies for round, square, and oblong holes
- ◆ Rugged Welded Plate Construction
- ◆ 6" tool opening
- ◆ 4" stroke, 10ton cylinder
- ◆ 25" extra deep throat
- ◆ Standard Adaptor and Die mounting plate
- ◆ Packing size: 135x115x62cm
- ◆ N.W./G.W.: 302/360kg

MANUAL & HYDRAULIC BENCH PRESSES



Shear Kit
Max capacity: 16ga. Mild steel



90° Bend Kit
Max capacity: 3/8" Mild steel



Universal Tool Stand
Item No.: Tzouke90173-1



Corner Punch
Max capacity: 16ga. Mild steel &
1" x 1" cut out



Louver Punches
Max capacity: 3/8" Mild steel
in 1" , 2" , 3" , 4" & 5"



1" Radius 3/4" Radius



1/4" Radius 1/2" Radius

Corner Radius Punch
Capacity: 16ga. Mild steel



Punch & Flare Kit
Capacity: 1" - 3"



Punch & Bead Kit
Capacity: 1" - 3"

- ◆ Save yourself a lot of time and money for rounding your projects at those corners

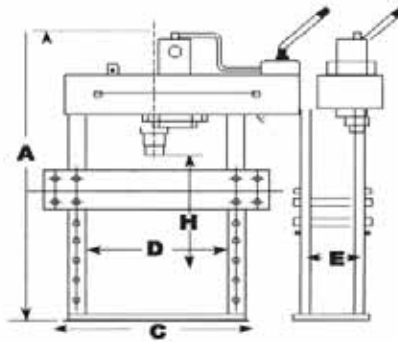
- ◆ Create a smooth hole in one easy step
- ◆ Precision machined from heat-treated steel for years of use
- ◆ 16 gauge mild steel max

HYDRAULIC PRESS



HP-20S

Technical Drawing



Item No.	Tzouke90175	Tzouke90176
Model	HP20S	HP30S
A (mm)	1600	1700
B (mm)	750	750
C (mm)	750	750
D (mm)	490	550
E (mm)	200	250
H (mm)	700	800
Stroke (mm)	170	170
Weight	175	190

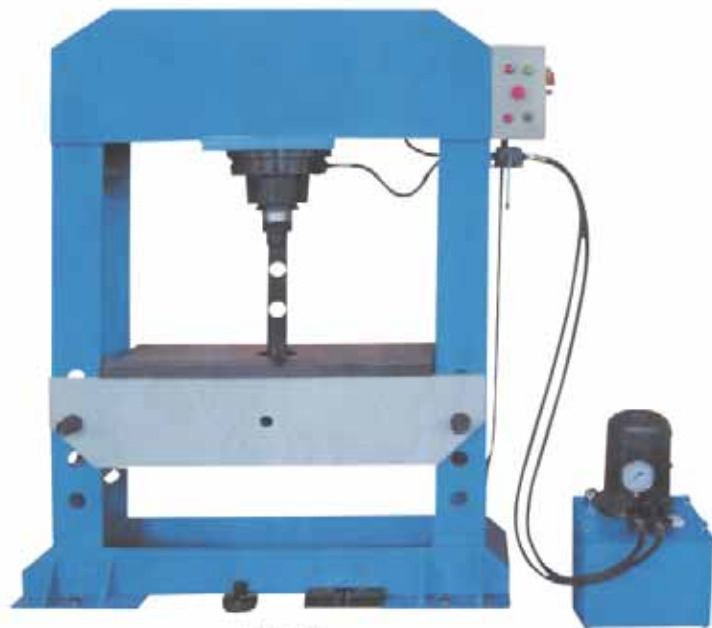


HP-30S



HP-30

Optional



HP-100

Item No.	Model	Capacity (kn)	Pressure (mpa)	Piston travel/ Table travel (mm)	Table size (mm)	Dimension (cm)	Hydraulic Station (cm)	N.W./G.W. (kg)
Tzouke90177	HP-30	300	25	200+270	300 × 400	123 × 55 × 160	—	420/650
Tzouke90178	HP-50	500	25	220+405	350 × 480	150 × 65 × 195	—	980/1100
Tzouke90179	HP-63	630	25	220+405	350 × 480	150 × 65 × 195	—	1020/1500
Tzouke90180	HP-100	1000	30	250+405	460 × 980	182 × 75 × 225	73 × 63 × 96	1220/1420
Tzouke90181	HP-150	1500	30	250+405	460 × 980	184 × 75 × 225	73 × 63 × 96	1350/1750
Tzouke90182	HP-200	2000	31.5	300+405	500 × 1000	194 × 95 × 235	90 × 80 × 106	2200/2400
Tzouke90183	HP-300	3000	31.5	300+405	700 × 1200	210 × 95 × 270	110 × 120 × 135	4200/4500
Tzouke90184	HP-400	4000	31.5	300+405	800 × 1200	230 × 100 × 290	110 × 120 × 135	5500/5850
Tzouke90185	HP-500	5000	31.5	300+405	900 × 1200	230 × 100 × 290	110 × 120 × 135	6500/6900

CIRCULAR SAW

- ◆ Easy manual press
- ◆ Quick adjusting vise for angular cuts the saw frame swivels



Double vise show



CS-315/350



- ◆ Vice complete with anti-burr device
- ◆ 24volts low voltage installation with hold to run had control knob
- ◆ Abrasive cutting tool

Item No.	Tzouke90186		Tzouke90187	Tzouke90188
Model	CS-315		CS-350	TV-300
Max. blade size	315mm (12.4")		350mm (13.8")	300mm (11.8")
Capacity	Circular @90°	100mm (4")	120mm (4.7")	100mm (4")
	Rectangular @90°	140×90mm (5.5"×3.5")	140×100mm (5.5"×4")	70 ×120mm (2.7"×4.7")
	Circular @45°	90mm (3.5")	105mm (4.1")	90mm (3.5")
	Rectangular @45°	100×90mm (4"×3.5")	100×100mm (4"×4")	70 ×90mm (2.7"×3.5")
Blade speed @50Hz	18.36rpm		18.36rpm	5400rpm
Vice opening	145mm (5.7")		145mm (5.7")	190mm (7.5")
Motor power	7500W 1HP/1.3KW 1.7HP (3PH)		1.1KW 1.5HP (1PH)	4kW 50/60Hz
Drive	Gear		Gear	Belt
Packing size	98×62×90cm(body) 77 ×58 ×47cm(stand)		98×62×95cm(body) 77×58×47cm(stand)	98×62×90cm(body) 77×57×47cm(stand)
N.W./G.W.	185/207kg		190/212kg	105/115kg

METAL CUTTING BAND SAW

GH4228 双立柱卧式金属带锯床

GH4228 DOUBLE COLUMN HORIZONTAL BAND SAW

MAIN FEATURES:

- ⊙ With hydraulic system to control the cutting Speed, variable speed
- ⊙ Useful guide system, to keel the blade can be use with long time.
- ⊙ Double Column structure, steady operations.
- ⊙ Steady cutting, high accuracy
- ⊙ Manual clamping workpiece, easy operations.



FEATURES:

Double-column structure vertical lifting high stability.

The hydraulic pressure controls the speed of saw stepless speed regulation

The clamp of workpieces and hydraulic control is easy.

Can make 3 hydraulic tension saw blades per request.

货号	Item No.	Tzouke90189	Tzouke90190
产品型号	MODEL NO	GH4220	GH4228
切削范围(mm)	Cutting capacity	200-200 × 200	280-280 × 280
锯带规格(mm)	Blade size	2650 × 27 × 0.9	3505 × 34 × 1.1
锯带线速(m/min)	Blade speed	27、45、69	27、45、69
工作夹紧方式	Clamping type	手动(Manual)	液压(Hydraulic)
主电机功率(kw)	Main motor power	1.5	2.2
液压电机功率(kw)	Motor hydraulic	0.55	0.55
冷却泵功率(kw)	Coolant pump	0.04	0.04
外形尺寸(mm)	Overall dimension	1300 × 800 × 1100	1860 × 1000 × 1400

METAL CUTTING BAND SAW

GH4235 双立柱卧式金属带锯床

GH4235 DOUBLE COLUMN HORIZONTAL BAND SAW



双立柱结构，垂直升降，稳定性高
切削速度液压控制，无级调速
工件夹紧液压夹紧，操作方便
可定制三向液压夹紧装置

FEATURES:
Double-column structure vertical lifting high stability.
The hydraulic pressure controls the speed of saw
stepless speed regulation
The clamp of workpieces and hydraulic control is easy.
Can make 3 hydraulic tension saw blades per request.

货号	Item No.	Tzouke90191
产品型号	MODEL NO	GH4235
切削范围(mm)	Cutting capacity	350-350 × 350
锯带规格(mm)	Blade size	4115 × 34 × 1.1
锯带线速(m/min)	Blade speed	27、45、69
工作夹紧方式	Clamping type	液压
主电机功率(kw)	Main motor power	3
液压电机功率(kw)	Motor hydraulic	0.55
冷却泵功率(kw)	Coolant pump	0.04
外形尺寸(mm)	Overall dimension	2000 × 1100 × 1500

METAL CUTTING BAND SAW



BS-712N

- ◆ Traditional and most universal model
- ◆ V-belt and Gear driven for optional

Item No.		Tzouke90192
Model		BS—712N
Capacity	Circular @90°	178mm (7")
	Rectangular @90°	178 × 305mm (7"× 12")
	Circular @45°	127mm (5")
	Rectangular @45°	120 × 125mm (4.75"×4.88")
Blade speed	@60Hz	27 , 41 , 59 , 78MPM
	@50Hz	22 , 34 , 49 , 64MPM
Blade size		19 × 0.9 × 2362mm
Motor power		750W 1HP (3PH) , 1.1KW 1.5HP (1PH)
Drive		V—belt
Packing size		125 × 45 × 115cm
N. W. /G. W.		145/178kg

GH4240 DOUBLE COLUMN HORIZONTAL BAND SAW



FEATURES:

Double-column horizontal band sawing machine mainly used for all kinds of large-scale material sawing with high efficiency high precision save material saving energy etc

Double column structure vertical lifting high stability.

The hydraulic pressure controls the speed of saw stepless speed regulation

The clamp of workpieces and hydraulic control easy.

Can make 3 hydraulic tension saw blades per request.

货号	Item No.	Tzouke90193	Tzouke90194
产品型号	MODEL NO	GH4240	GH4250
切削范围(mm)	Cutting capacity	400-400 × 400	500-500 × 500
锯带规格(mm)	Blade size	5000 × 41 × 1.3	5800 × 41 × 1.3
锯带线速(m/min)	Blade speed	27、45、69	27、45、69
工作夹紧方式	Clamping type	液压	液压
主电机功率(kw)	Main motor power	4	5.5
液压电机功率(kw)	Motor hydraulic	0.75	0.75
冷却泵功率(kw)	Coolant pump	0.125	0.125
外形尺寸(mm)	Overall dimension	2500 × 1300 × 1600	2800 × 1300 × 2000

VERTICAL MACHING CENTER

VMC800立式加工中心

Vertical machining center



性能特点

X、Y、Z三轴超宽硬轨，以保证机床加工刚性。

台湾高速，高精度主轴

8000rpm。

台湾名牌斗笠式刀库，刀库容量16把。

冷却系统采用大流量，高扬程水泵，保证在高速切削下具有充分冷却。

整机采用封闭防护罩，全封闭电柜，安全、美观。

标准配置

广数25I或FANUC Oi mate-MD RS232通讯接口

台湾名牌16把斗笠式刀库

选择配置

FANUC Oi MD、

KND-2000M、

华中22M、德国力士乐620数控系统

16把圆盘式刀库

数控第四轴

自动排屑系统

Standard configuration

GSK 25I or FANUC Oi

mate-MD CNC system

Optional configuration

FANUC Oi MD or KND-2000M CNC system

Disc-type tool magazine capability 16 tools

货号	Item No.		Tzouke90197	Tzouke90198
主要技术参数	Specifications	Units	VMC800	VM800
工作台行程X、Y、Z	Table travel(X,Y,Z)	mm	800x460x500	800x460x500
工作台尺寸	Table size	mm	800x460	800x460
工作台T型槽个数/宽度/间距	Number/Width/Distance of T-slot	mm	3-18-150	3-18-150
工作台最大承重	Max.load of table	kg	500	500
主轴端面至工作台距离	Distance from spindle nose to table surface	mm	150-650	150-650
主轴中心至主柱导轨面距离	Distance from spindle axis to column guideway	mm	560	560
快速移动速度X、Y、Z	Rapid feed speed	m/min	30/30/24	30/30/24
进给移动速度X、Y、Z	Feed speed	mm/min	2-10000	2-10000
主轴锥度	Taper of spindle		BT40	BT40
主轴转速范围	Spindle speed range	rpm	40-6000	40-6000
主轴电机功率	Spindle motor power	KW	交流伺服(AC servo)7.5	交流伺服(AC servo)7.5
刀库容量	Toolmagazine capability	qty	16	
最大刀具重量	Max.weight of tool	kg	8	
最大刀具尺寸	Max.dimension of tool	mm	Φ130x300	
定位精度	Positioning accuracy	mm	±0.015	±0.02
重复定位精度	Repeat positioning accuracy	mm	0.0075	0.01
换刀时间	Min.time of tool change	sec	3	
外形尺寸	Overall dimension	mm	2450x2200x2300	2450x2200x2300
整机重量	Machine weight	kg	4650	4500