



Our Products

Metal Working Machines

Duct Making Machines

Roll Forming Machines

Welding Machines

Lighting Poles & Garden Poles

High Way Guard Rails

Anchor Bolts and Heavy Hex Bolts

Shyam Machinery is one of the largest industrial machinery trading companies in the Middle East dealing with all kinds of Metal working machines. The company has a very strong client base in DOMESTIC and GCC countries and has been a regular supplier of Industrial Machinery to countries like India, Sri Lanka, Kuwait, Bahrain, Saudi Arabia, Oman and Qatar. Our main warehouse is located in Sharjah Industrial Area.

We are offering comprehensive Product range which covers different types of high quality Industrial Machinery **with excellent AFTER SALES SERVICE**. We have a team of specialists with excellent training in Mechanics and Marketing. We assure our customers of consistence in quality as well as value for money. We invite all types of enquiries and also welcome any special requirements and suggestions.

Our main products

All types of Metal Working / Duct Making Machinery

Roll Forming Machines
 Decoiler Hydraulic
 Decoiler Manuel
 Surface Grinding Machine
 Shaping Machines
 Hydraulic Press Brakes
 Hydraulic Swing Beam Shearing Machines
 Precision Lathe Machines
 Hydraulic Press
 Combined Punch and Shearing Machines
 Mechanical Power Press
 Drilling and Milling machines
 Universal Milling Machines
 Diamond Drills
 Magnetic Drilling Machines
 Stand Drills
 Radial Drilling Machines
 Rails Drills
 Tube Fixer
 Hydraulic Hack Saw Machines
 Hydraulic Band Saw Machines
 Hydraulic Section Benders
 Three Roller Sheet Bending Machines
 Asymmetrical Three Roller Sheet Bending -
 Machine with pre Bending
 -Power Rolling Machines
 3-IN-1 Combination of Shear, Press Brake & Slip
 Roll Machine

Manuel Rollers
 Hydraulic Notching Machines
 Foot Power Notching Machines
 Air Power Notching Machines
 Manuel Notching Machines
 Foot Power Shearing Machines
 Mechanical Shearing Machines
 Power Round Slitting Machines
 Manuel Shears
 Motor Driven Shearing Machines
 Bar Threading Machines
 Slotting Machines
 Pipe Threading Machines
 Bar Bending Machines
 Bar Cutting Machines
 Universal Bender
 Pallet Trucks
 Hand Stackers
 Semi Electrical Stackers
 Round Tube Tapering Machines
 Square Tube Tapering Machines
 Decorative Pipe Making Machines
 Metal Craft Machines
 Tube Benders
 Hydraulic Folders
 Hand Folders
 Bench Grinders/Pedestal Grinders
 Bench Polishers

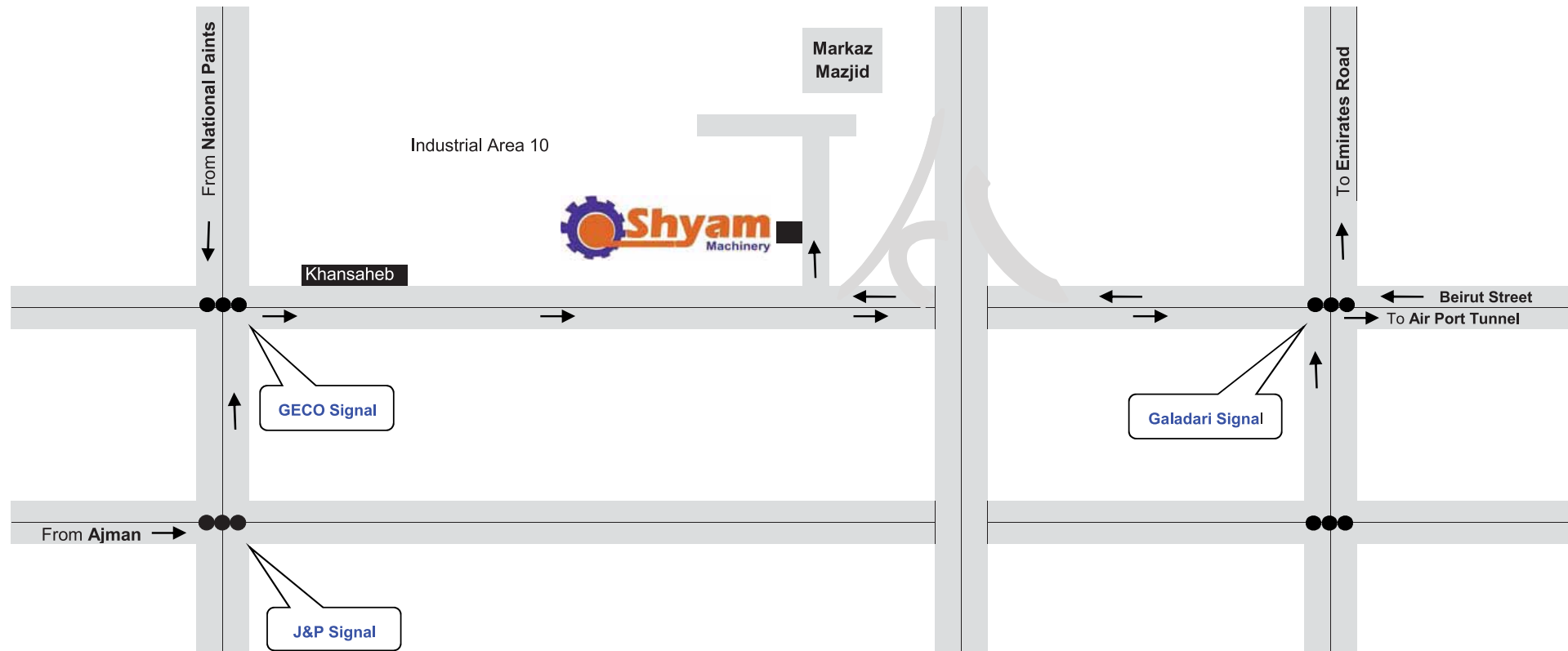
Manuel Pipe Notchers
 Electric Pipe Notchers
 Circular Saw
 Cut-off Machines
 Manuel Hole Punching Machines
 Spot Welding Machines
 Welding Machines (ARC, MIG, TIG, etc)
 Portable Gas Cutting Machines
 Seam Locking Machine
 Lock Formers
 Grooving Machines
 Round Pipe Bending Grooving Machines
 Power Slitting and Bending Machines
 Single Vein Bending Grooving Machines
 Five Veins Bending Grooving Machines
 TDF Flange Forming Machines
 TDC Flange Forming Machines
 Auto Line I
 Auto Line II
 Auto Line III
 Plasma Cutting Machines
 Spiral Tube Formers
 Spiral Tube Ovalizers
 Hydraulic Elbow Making Machines
 Electric Elbow Making Machines
 Stitch Welding Machines
 Hydraulic Staving Machines

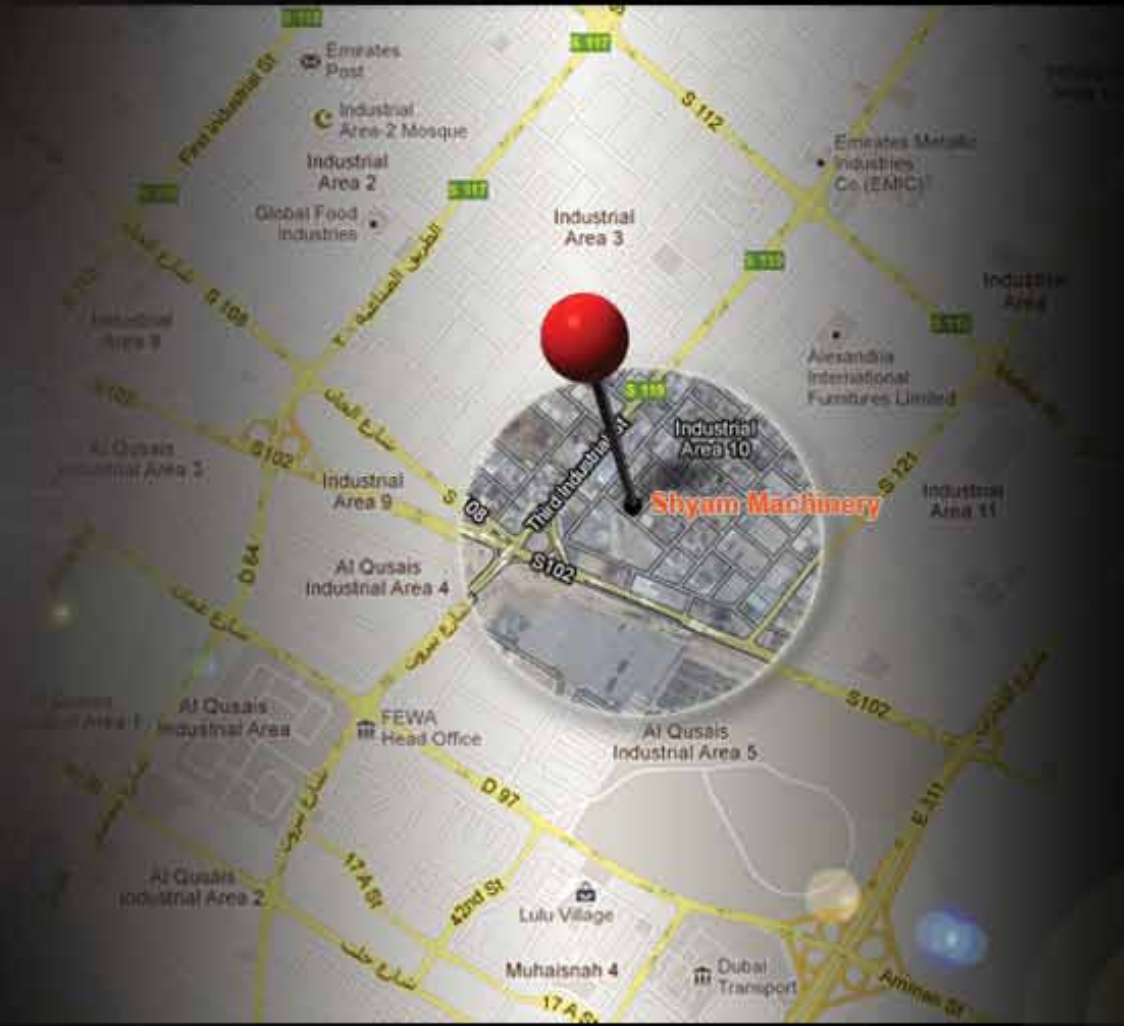
Lighting Poles, Flag Poles & Garden Poles

Anchor Bolts and Heavy Hex Bolts

Highway Guard Rails

We undertake maintenance of all types of machines





Shyam Industrial Machinery Trading Co. LLC

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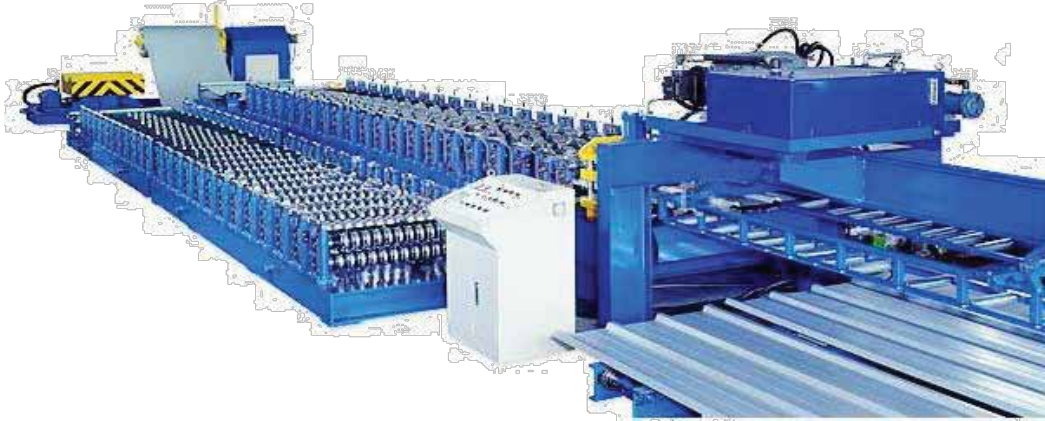
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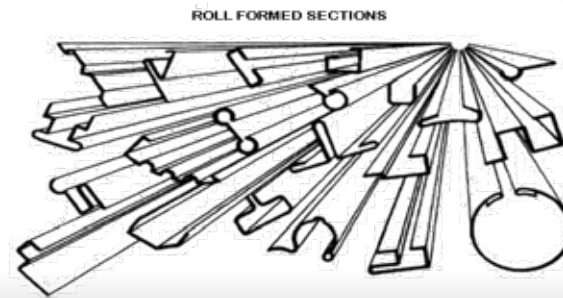
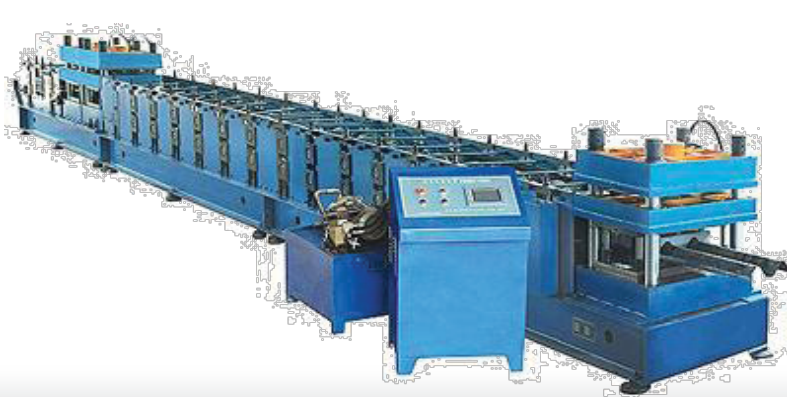
Roofing Sheet Machines



Roofing Tiles Machines



Guard Rail Machines

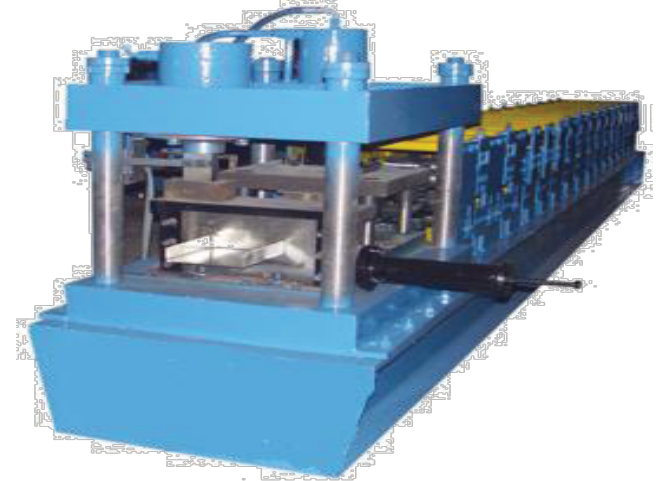


Roll Forming Machinery

For producing

- Carbon steel & Stainless steel pipes,
- Roofing corrugated sheets & Roofing tiles,
- Z, U and C Sections
- Double wave Guard Rails Beams
- All panels, Ceilings, T-bars, Steel decks & Partition beams
- Other profiles as per client's requirement.

Channel Forming Machines



Purlin Forming Machines



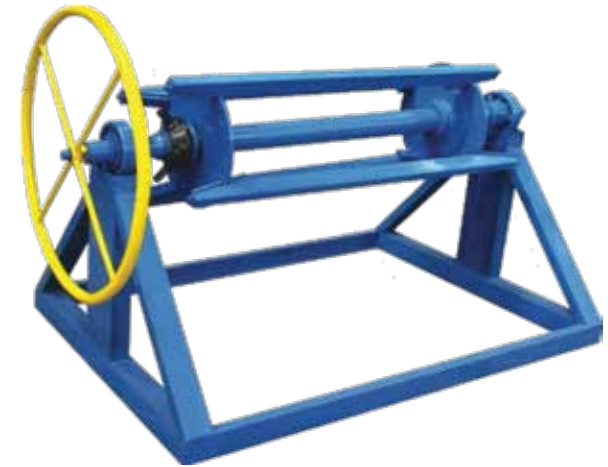
Hydraulic De-Coiler Machines

Width 1300-1600mm | Capacity 5-10 Tons | Mandel Diameter 450-600mm

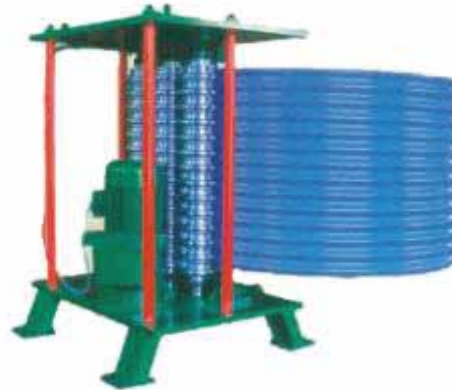


Manuel De-Coiler Machines

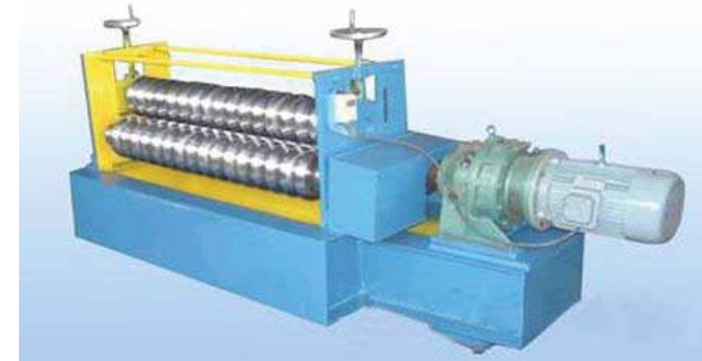
Width 1250mm | Capacity 2-5 Tons | Mandel Diameter 450-600mm



Guard Rail Curving Machine



Corrugated sheet Curving machines



Surface Grinding Machines



MAIN SPECIFICATIONS	MM7140 X 12	MM7140 X 16
Table working surface (W x L) mm	400 x 1250mm	400 x 1600mm
Max. size of work-piece to be ground (W x L x H) Cm	40x125x40	40x160x40
Table longitudinal travel (hydraulic)	300-1350mm	300-1700mm
Speed of table (stepless)	3-25m/min	
Down feed handle graduated to Down feed dial graduated to	0.5mm 0.005mm	
Micro-downfeed dial graduated to	0.002mm	
Grinding wheel size (O. D x W x I. D)	Φ350 x 40 x Φ127mm	
Wheel-head rapid up-down traverse speed	720mm/min	
Grinding wheel motor power Speed	5.5kw	7.5kw
	1460r/min	
Hydraulic pump Delivery	51.48L/min	
Hydraulic pump motor power Speed	4kw 1470r/min	
Electrical equipment total capacity	10kVA	14kVA
Max. deviation between workpiece and table surface	200-320:0.003	
Roughness of workpiece	Ra0.16μm	
Max. allowable weight of workpiece (Including electromagneti	520kg	660kg
Electromagnetic chuck (W x L) mm	400 x 1250	400 x 1600
Overall dimensions (L x W x H) Cm	330x200x230	420x200x230
Packing case dimensions (L x W x H) Cm	369x215x257	453x215x257
N. W/G. W	4500/5000kg	6000/6500kg

Shaping Machine (Geared & Pulley)



MODEL:	12	18	24	30	36	42
Length of ram stroke	12" / 305 mm	18" / 457 mm	24" / 610 mm	30" / 762 mm	36" / 915 mm	42" / 1070 mm.
Length of ram (mm)	711	960	1232	1410	1651	2108
Length x Width of Ram bearing (mm)	724 x 203	700 x 270	867 x 300	1020 x 330	1130 x 330	1600 x 330
Distance from Table to Ram Max / Min (mm)	257 / 41	360 / 75	450 / 76	510 / 75	565 / 102	600 / 102
Working Surface of table (mm)	305 x 228	457 x 305	610 x 370	762 x 390	915 x 457	1078 x 533
Horizontal Table Travel Max (mm)	330	488	635	787	940	1075
Vertical Table Travel Max (mm)	140	330	380	450	525	585
Angular Movement of Table (degrees)	60 L / 60 R	60 L / 60 R	60 L / 60 R	60 L / 60 R	60 L / 60 R	60 L / 60 R
Vertical Travel of Tool Slide Max. (mm)	140	152	190	203	255	300
Swivel of Tool Head Max. (degrees)	60 L / 60 R	60 L / 60 R	60 L / 60 R	60 L / 60 R	60 L / 60 R	60 L / 60 R
Base Length x Width (mm)	940 x 483	1346 x 502	1676 x 610	1829 x 660	1980 x 660	2286 x 762
Diameter of Clutch Pulley (mm)	235	311	311	311	380	380
Number of Ram Speeds	3	4	4	4	4	4
Ram Speeds (Strokes per Minute)	30, 60, 90	16, 32, 64, 96	14, 28, 42, 62	8, 16, 32, 48	10, 20, 30, 50	8, 16, 32, 48
Motor Pulley Diameter (mm)	51	70	70	76	88	88
Motor (HP / RPM)	1 / 1440	2 / 1440	3 / 1440	5 / 960	7.5 / 960	10 / 960
'V' Belt Section	B-55	B-55	B-55	B-58	B-70	B-75
Approximate N / G weight (kilos)	700 / 850	1200 / 1500	1850 / 2100	2700 / 3500	4000 / 4700	5200 / 6200
Packing size - L x W x H (Mts)	1.25 x 0.8 x 1.4	1.6 x 1.0 x 1.4	2.0 x 1.1 x 1.6	2.7 x 1.6 x 1.6	3.0 x 1.8 x 1.8	3.4 x 2.2 x 2.2



Upper tools and bottom dies



The frame is entirely welded with steel plates and treated to relieve stress by tempering, so the precision is well maintained.

Hydraulic top-drive, stepless pressure adjustment and sealing are high quality to ensure the machine tools reliability.

Mechanical synchronous mechanism and the complex compensation are designed so as to raise the workpieces precision. (the convex structure for the table above 160T)

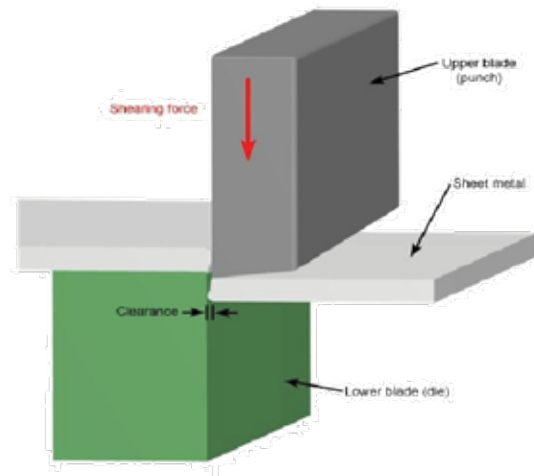
The stroke and distance of the backgauge is adjusted by the motor and is well adjusted by hand, the adjustment is displayed by digital meters.

Inch, single, continuous operation mode being designed for the machine and reversing and maintain time can be controlled by the time relays.

Safe fence and the electric interlocker have been designed for the machine to ensure the operation safety. (the back of 40T and above 200T without safe fence)

Model	WC67Y																														
	Ton	40	40	63	80	80	80	100	100	100	125	125	160	160	160	160	200	200	200	250	250	250	250	300	300	300	400	400	5000	500	
Length	2000	2500	2500	2500	3200	4000	2500	3200	4000	2500	3200	2500	3200	4000	6000	3200	4000	6000	3200	4200	5000	6000	4000	5000	6000	4000	6000	4000	6000	4000	6000
Nominal force	kN	400	400	630	800	800	800	1000	1000	1000	1250	1250	1600	1600	1600	1600	2000	2000	2000	2500	2500	2500	2500	3000	3000	3000	4000	4000	5000	5000	
Length of table	mm	2000	2500	2500	2500	3200	4000	2500	3200	4000	2500	3200	2500	3200	4000	6000	3200	4000	6000	3200	4200	5000	6000	4000	5000	6000	4000	6000	4000	6000	
Distance between uprights	mm	1650	2000	2000	1990	2600	3350	1850	2550	3350	1850	2550	1950	2540	3140	4800	2550	3260	4800	2540	3140	4000	5000	2900	3900	4900	3140	5000	3140	4760	
Throat depth	mm	200	200	250	280	280	280	320	320	320	320	320	330	330	330	330	350	350	400	400	400	400	400	400	400	400	400	400	400	400	
Ram stroke	mm	100	100	100	100	100	100	130	130	130	130	130	200	200	200	200	200	200	200	250	250	250	250	250	250	250	320	320	320	320	
Stroke adjustment	mm	80	80	80	80	80	80	100	100	100	100	100	150	150	150	150	150	150	150	180	180	180	180	180	180	180	220	220	220	220	
Max. opening height	mm	330	330	340	360	360	360	390	390	390	390	390	465	465	465	465	450	450	450	500	500	500	500	535	535	535	600	600	630	630	
Strokes	Min-1	≥11	≥11	≥10	≥10	≥10	≥10	≥10	≥10	≥10	≥10	≥6	≥6	≥6	≥6	≥3	≥3	≥3	≥3	≥3	≥3	≥3	≥3	≥3	≥3	≥3	≥3	≥2.5	≥2.5	≥2.5	≥2.5
Main motor capacity	kW	4	4	5.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	11	11	11	11	15	15	15	15	18.5	18.5	18.5	18.5	22	22	22	37	37	37	37	
Net weight	kg	2900	3500	4500	5200	6300	8200	7200	8100	9300	8000	9200	10000	11000	12600	22000	12500	13600	23000	13800	16200	19800	25000	24300	28000	29200	33000	46000	42000	47500	
Packing (mm)	L	2200	2700	2700	2800	3410	4210	2690	3390	4190	2690	3390	2740	3440	4240	6070	3320	4120	6120	3320	4320	5120	6120	4120	5120	6120	4120	6150	4200	6200	
	W	1150	1150	1350	1430	1450	1450	1480	1480	1480	1490	1490	1780	1780	1780	1780	1790	1790	2315	1890	1890	1890	1890	1950	1950	1950	2625	2625	4115	4115	
	H	2240	2240	2350	2350	2350	2350	2450	2450	2450	2450	2450	2560	2560	2560	2860	2700	2700	2900	2980	2980	2980	2980	3115	3115	3315	3700	3700	4760	4760	

Hydraulic swing beam shear



Shearing Blade Clearance

Usually the clearance between the two is 5 to 10% of the thickness of the material, but dependent on the material. Clearance is defined as the separation between the blades, measured at the point where the cutting action takes place and perpendicular to the direction of blade movement.

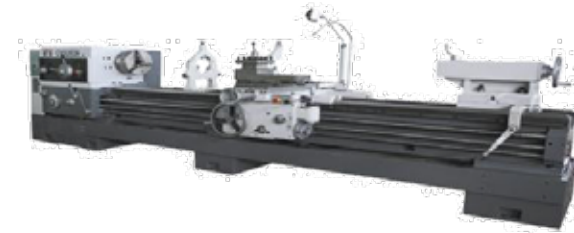
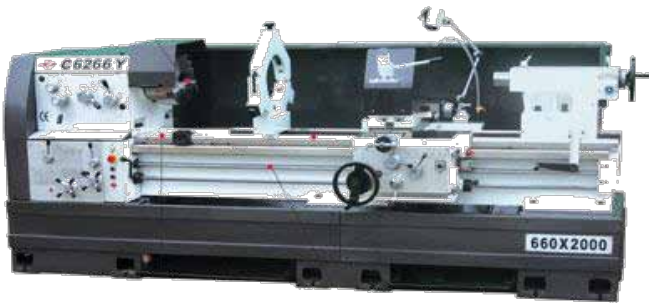
It affects the finish of the cut (burr) and the machine's power consumption. This causes the material to experience highly localized shear stresses between the punch and die. The material will then fail when the punch has moved 15 to 60% the thickness of the material, because the shear stresses are greater than the shear strength of the material and the remainder of the material is torn. Two distinct sections can be seen on a sheared workpiece, the first part being plastic deformation and the second being fractured. Because of normal inhomogeneities in materials and inconsistencies in clearance between the punch and die, the shearing action does not occur in a uniform manner. The fracture will begin at the weakest point and progress to the next weakest point until the entire workpiece has been sheared; this is what causes the rough edge. The rough edge can be reduced if the workpiece is clamped from the top with a die cushion. Above a certain pressure the fracture zone can be completely eliminated.

The frame is entirely welded with steel plates, and treated to relieve stress by tempering.
 Hydraulic drive, return of knife beam is smooth and prompt by nitrogen cylinder.
 The portable and prompt adjustment of the blades gap and the value of gap are indicated by digital, convenient and fast.
 Equipped with lighting-alignment, so as to align when shearing. The stroke of knife beam can be adjusted in stepless mode.
 Protection fence to ensure the operation safety.
 The display devices of the backgauge value and the shearing times are on the front of the machine.



Model	QC12Y																									
	4	4	4	6	6	6	6	6	8	8	8	8	8	12	12	12	12	16	16	16	16	20	25	25	32	
Thick	4	4	4	6	6	6	6	6	8	8	8	8	8	12	12	12	12	16	16	16	16	20	25	25	32	
Length	2500	3200	4000	2000	2500	3200	4000	6000	2500	3200	4000	5000	6000	2500	3200	4000	6000	2500	3200	4000	6000	2500	2500	3200	2500	
Cutting size(T×W)	T	4	4	4	6	6	6	6	6	8	8	8	8	8	12	12	12	12	16	16	16	16	20	25	25	32
	W	2500	3200	4000	2000	2500	3200	4000	6000	2500	3200	4000	5000	6000	2500	3200	4000	6000	2500	3200	4000	6000	2500	2500	3200	2500
Shear angle		1°30'	1°30'	1°30'	1°30'	1°30'	1°30'	1°30'	1°30'	1°30'	1°30'	1°30'	1°30'	1°16'	2°	2°	1°54'	2°	2°9'	2°	2°	2°	2°30'	3°	3°	3°30'
Stroke	Min-1	≥22	≥18	≥12	≥16	≥16	≥12	≥10	≥7	≥12	≥10	≥10	≥8	≥6	≥10	≥9	≥8	≥4	≥9	≥8	≥7	≥4	≥5	≥5	≥5	≥4
Back gauge adjustment	mm	20-600	20-600	20-600	20-600	20-600	20-600	20-800	20-800	20-600	20-600	20-600	20-800	20-800	20-800	20-800	20-800	20-1000	20-800	20-800	20-1000	20-1000	20-1000	20-1000	20-1000	
Throat depth	mm	85	85	85	145	145	145	145	140	145	145	145	300	300	300	300	300	320	315	320	320	320	325	325	325	350
Main motor capacity	kW	5.5	5.5	5.5	7.5	7.5	7.5	7.5	11	11	11	11	18.5	18.5	18.5	18.5	18.5	30	22	22	30	37	30	37	37	45
Net weight	kg	3200	4100	6600	4000	5400	6400	8200	17000	6100	7700	10200	24000	21800	8600	10700	13800	35000	11100	14300	19700	45000	16500	20000	27000	32500
Packing (mm)	L	3100	3800	4600	2650	3150	3850	4650	6780	3180	3880	4680	5800	6820	3300	4000	4800	6940	3310	4030	4820	7020	3370	3450	4130	3550
	W	1430	1555	1705	1500	1500	1600	1850	2450	1680	1830	1980	2390	2260	2030	2100	2100	3045	2240	2390	2490	3100	2545	2650	3100	3100
	H	1450	1500	1600	1600	1600	1620	1700	2100	1700	1720	1780	2200	2080	1840	1940	1940	2600	2000	2100	2460	2700	2250	2800	2800	2800

Precision Lathe Machines



		Model	Unit	CD6150C	CD6160C	C6166Y	C6180Y	C6250A	C6266C	CW6163A	CW6180A	C0636A
				CD6250C	CD6260C	C6266Y	C6280Y			CW6263A	CW6280A	
CAPACITY	Swing over bed	mm	Ø 500	Ø 600	Ø 660	Ø 800	Ø 500	Ø 660	Ø 630	Ø 800	Ø 360	
	Swing over Cross Slides	mm	Ø 325	Ø 360	Ø 435	Ø 545	Ø 310	Ø 420	Ø 350	Ø 520	Ø 505	
	Swing over gap	mm	Ø 630	Ø 730	Ø 860	Ø 1000	Ø 720	Ø 870	Ø 830	Ø 1000	Ø 215	
	Effective length of gap	mm	260				230		310		187	
	Max. workpiece length	mm	1000/1500/2000		1000/1500/2000/3000		1000/1500/2000/3000		1000/1500/2000/3000/4000		1000	
HEADSTOCK	Width of Bedways	mm	330		400				400			
	Spindle Nose		ISO-C8 or ISO-D8		ISO-C11 or ISO-D11		M.T.No.7	D8	D11		D1-4	
	Spindle Bore	mm	Ø80		Ø103		Ø 80	Ø105	Ø105		Ø38mm	
	Range of Spindle Speed / Steps		24-1600rpm (15 Steps)		(CCW/18) 9-1275r.p.m		36-1600 r/min		7.5~1000 r/min		70~2000r/min (8 Steps)	
	FEEDS & THREADS	Max. Travel of compound rest	mm			110				440		
Max. Travel of cross slides		mm			325		340	360	440			
Longitudinal leadscrew pitch					12mm or 2TPI				12 mm/ Ø55			
Section of tools		mm	25 x 25		32 x 32		25 x 25		32 x 32			
Longitudinal feed range			66Kinds 0.072-4.038mm/rev		72Kinds 0.073-4.066mm/rev		0.063-2.52mm		64 Kinds 0.1~1.52 r/min		0.0032~0.1067in/r(0.082~2.71mm/r)	
Cross feeds range			66Kinds 0.036-2.019mm/rev		72Kinds 0.036-2.033mm/rev		0.027-1.07mm				0.00086~0.0367in/r(0.022~0.933mm/r)	
Metric thread range			66Kinds 0.5-28mm		72Kinds 0.5-112mm		1-14 mm/22		1~240 mm/50		0.4~7mm/32	
Inch threads range			66Kinds 1-56 inch		72Kinds 56-1/4 inch		28-2 T.P.I./26		14~1 TPI/26		4~56T.P.I/32	
Module threads range			33Kinds 0.5-3.5		36Kinds 0.5-7		0.5-7mm/18		0.5~120 mm/53		0.2~3.5MP/27	
Diametral threads range			33Kinds 8-56 D.P		36Kinds 56-4 D.P		56-4D.P/24		28~1 DP/24		8~120D.P/33	
TAILSTOCK	Dia. Of tailstock sleeve	mm	Ø 65		Ø 90		Ø 75		Ø 100			
	Morse taper of tailstock sleeve		Morse No. 5		Morse No. 6		M.T.No.5		MT No. 6		MT No. 3	
	Travel of tailstock sleeve	mm	120		150		150		230		95	
	Cross adjustment range	mm			10							
MOTOR	Power of main motor	KW	5.5 or 7.5		7.5 or 11		7.5		11		1.5	
	Power of quick travel motor	W	250						1100			
	Power of coolant pump	W	125						90			
	Power Supply	V					380V / 50Hz / 3PH					
PACKING	1000	MM	2420 x 1150 x 1800		2820 x 1300 x 2100		2500x1100x1380	2500x1100x1450	3275 x 1390 x 1540			
	1500		2920 x 1150 x 1800		3320 x 1300 x 2100		3000x1100x1380	3000x1100x1450	3725 x 1390 x 1540			
	2000		3460 x 1150 x 1800		3820 x 1300 x 2100		3500x1100x1380	3500x1100x1450	4225 x 1390 x 1540			
	3000				4820 x 1300 x 2100		4500x1100x1380	4500x1100x1450	5225 x 1390 x 1540			
	4000								6275 x 1390 x 1540			
WEIGHT /KG	1000	Kg	1700/2350	1800/2500	3000/3600	3150/3750	2900	3000	3400	3600	495/595	
	1500		1910/2610	2010/2760	3250/3850	3400/4000	3150	3200	3700	3900		
	2000		2150/2920	2250/2920	3500/4150	3650/4300	3400	3400	4200	4400		
	3000				3900/4550	4050/4700	3750	3900	4700	4900		
	4000								5800	6000		

Combined Punch and Shear

Mechanical Power Press

Hydraulic Press



Model		Q35Y-20
Pressure	Ton	75
Max. cutting thickness	mm	20
Plate strength	n/mm ²	<450
Cutting angle	degree	8
Shearing size of one stroke	mm	20*330 10*480
Ram stroke	mm	80
Number of strokes	cpm	8
Throat thickness	mm	355
Punching thickness	mm	20
Max. Punching diameter	mm	30
Power of main motor	Kw	5.5
Packing dimensions (L*W*H)	mm	1860*800*1900
Weight of machine	Kg	2000

Model	Cap/Pr'ur		Travel (Cm)	Table size (mm)	Power (Kw)	Dimension (Cm)	Work Table (mm)	Weight (Kg)
	(KN)	(MPA)						
HPM-100	1000	30	25+40	460X980	3	184X75X225	73X63X96	1100/1200
HPM-150	1500	42	25+40	460X980	4	184X75X225	73X63X96	1500/1600
HPM-200	2000	40	30+40	500X1000	5.5	194X95X235	90X80X106	2100/2300
HPM-300	3000	42	30+40	700X1200	11	210X95X270	110X120X135	4200/4500
HPM-400	4000	42	30+40	900X1200	11	230X100X290	110X120X135	5500/5850
HPM-500	5000	45	30+40	900X1200	15	230X100X290	110X120X135	6500/6900

Capacity	Ton	3	5	10	20	30	50	80	100	150	200	250
Stroke Adjustment	mm	2-25	6-25	6-50	13-75	13-75	13-100	13-114	13-127	13-152	13-165	13-165
Depth of Throat	mm	75	100	125	175	187	200	275	320	350	375	400
Dist. Bed to Ram	mm	130	150	200	280	300	350	450	500	520	550	550
Length & Width of Bed	Cm	20x15	35x20	45x25	50x35	55x37	65x40	75x55	90x64	100x70	105x75	110x80
Hole in Bed	mm	50	65	75	89	102	127	127	190	200	215	230
Hole in Ram	mm	20	25	25	32	38	50	50	50	63	63	63
Crank Shaft Diameter	mm	38	51	60	76	83	95	114	127	152	165	165
Fly wheel Diameter	mm	330	356	406	508	560	762	762	813	915	1118	1170
Stroke / Minute		85	80	70	45	40	35	30	30	30	30	30
Motor Power	HP	0.5	0.5	1	2	3	5	7.5	10	15	20	25
Weight Approx.	Kg	150	300	525	1000	1300	2300	4000	5400	6500	8500	11000

Drilling and Milling Machine



Model	ZX7550CW	ZX6350C	ZX50F	ZXTM40
Drilling capacity	50mm	50mm	50mm	40mm
Face milling capacity	100mm	100mm	100mm	100mm
End milling capacity	25mm	25mm	25mm	20mm
Max. Boring Dia.	120mm	120mm	120mm	
Max. Tapping Dia.	M16	M16	M16	300mm
Spindle Travel		120mm		120mm
Spindle Taper	MT4	MT4	MT4	MT4
Step of Spindle Speed	8	12	8	9
Table Size	800 x 230mm	1000 x 280mm	800 x 240mm	800 x 240mm
Table Travel	400 x 230mm	600 x 260mm	400 x 230mm	400 x 250mm
Power (H/V)	(0.85/1.5KW)(2.2KW)	(0.85/1.5KW)(2.2KW)	(V=0.85/1.5KW)	1.5KW
Net / Goss Weight	850 / 1000 Kg	1200 / 1350Kg	500 / 600Kg	410 / 460 Kg

Universal Milling Machine

Model	XQ6226A
Max. horizontal milling dia	125mm
Max. vertical milling dia.	25mm
Distance spindle to table surface	80-500mm
Spindle speeds range	40-1600 r.p.m.
Swivel angle of swivel head	360°
Table size	1120x260mm
Table travel	600x260mm
Overall dimensions	1655x1500x1730mm
Motor	2.2kw
N.W./G.W.	1400/1600kg



It is a vertical universal milling machine, vertical milling can be processed at any angle of the workpiece, milling head steel-type strong

UNIVERSAL MILLING MACHINE
XQ6226A

Diamond Drill



Model	DD150
Drill capacity For concrete	Φ150mm
No Load Speed	750/1350RPM
Electric Data	230V/50HZ/1800W
N.W./G.W.	22.5/26KG
Packing size	560x450x440mm

Magnetic drill



CBRM-23

CTYP-32

CTYP-75

CTYP-100

(4 step spindle speeds)

Model	CBRM-23	CTYP-32	CTYP-75	CTYP-100 4 step spindle speeds
Cutter capacity			Φ12~Φ75mm	Φ12~Φ130mm
Cutter depth			75mm	75mm
Twist Drill	Φ2.5~Φ23mm	Φ2.5~Φ32mm	Φ2.5~Φ16mm	Φ2.5~Φ38mm
Spindel Holder	MT2	MT3	MT3	MT4
No Load Speed (RPM)	330	260/460	260/460	82/180/245/535
Power	230V/50HZ/1450W	230V/50HZ/1800W	230V/50HZ/1800W	230V/50HZ/1800W
Magnetic Adhesion	18000N	18000N	18000N	24000N
N.W./G.W.	22/30KG	21/30KG	21/29KG	32/37KG

Mini Radial Drill



Model	DM-20
Max drilling capacity	20mm
End milling	16mm
Face milling	63mm
Spindle taper	MT3/R8
Spindle stroke	90mm
Spindle speed (rpm)	210,380,710,1200,2000
Max track	500 mm
Power	0.75 KW
Packing size	880x500x1060 mm
NW/GW	354/400KGS

Stand Drill

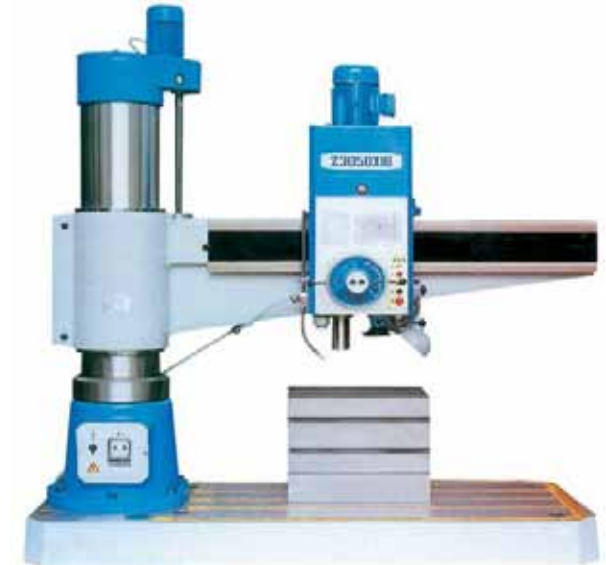


Model	ZJ5132	
Max. Drilling capacity	(mm)	32
Spindle travel	(mm)	120
Spindle taper		MT4
Colum Dia.	(mm)	92
Dimension of worktable surface	(mm)	420 x 480
Dimension of base	(mm)	560 x 450
Overall height	(mm)	1710
Motor	(W)	1500
G.W./N.W.	(Kg)	145/153

Tube Fixer



Radial Drill



Model	Z3050x16	Z3080x20
Max. drilling diameter	mm 50	80
Distance between spindle axis and column	mm 1600 Max	2000 Max
	mm 350 Min	450 Min
Distance between spindle end and working surface of base plate	mm 1210 Max	1600 Max
	mm 350 Min	550 Min
Spindle taper (Morse)	No.5	No.6
Spindle travel	mm 315	400
Spindle speeds steps	16	16
Range of spindle speeds	r/mm 25-2000	20-1600
Spindle feeds steps	16	16
Range of spindle speeds	mm/r 0.04-3.2	0.04-3.2
Power of main drive motor	kw 4	7.5
Power	380V, 50Hz, 3ph	
Weight (Kg)	N/W 3500	
	G/W 3850	7500
Dimensions (L x W x H)	cm 292x125x288	298x125x330

Rail drill



Model	RD35
Cutter capacity	Φ12~Φ35mm
Cutter depth	50mm
Spindel Holder	19mm
No Load Speed	595RPM
Screw	M24
Power	230V/50HZ/1800W
N.W./G.W.	12/17KG
Packing size	475x355x145mm

Hydraulic Band Saw Machine

Hydraulic Hacksaw Machine



MODEL	Unit	10	12	14	16	18	20	24
Cutting Capacity Round	Inch	10	12	14	16	18	20	24
	mm	250	300	350	400	450	500	600
Square	Inch	8	10	11	13	14	16	20
	mm	200	250	275	325	350	400	500
Stroke (approx)	mm	140	140	140	140	152	152	152
No of Stroke (Approx)	Per min	85-100	85-100	85-100	85-100	60-85	60-85	60-85
Electronic motor	H.P	1.5	2	3	3	5	7.5	7.5
Motor Speed +/- 5%	R.P.M	1440	1440	1440	1440	960	960	960
Blade Size	Inch	16-18	18-20	20-22	22-24	24-26	28-30	32-36
	mm	406/457	457/508	508/559	559/610	610/660	710/762	812/906
Length overall	mm	1168	1168	1370	1370	1600	1600	1700
Width overall	mm	609	609	685	685	762	762	762
Height overall	mm	1346	1397	1524	1574	2235	2285	2438
V- Belt	Nos	4	4	4	4	5	5	5
Gross Weight	Kgs	550	550	700	700	1050	1050	1200
Oil Tank cap (approx)	Ltr	1.5	1.5	2	2	3	3	3

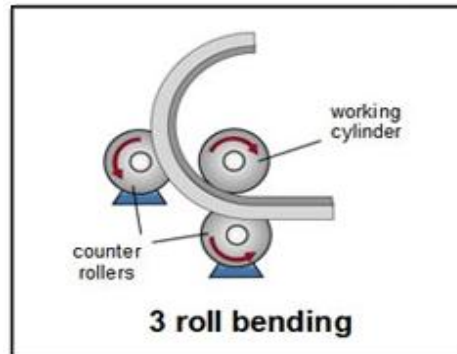
Model	H-280	H-350	
Cutting Capacity (mm)	Ø280 400W x 280H	Ø350 400W x 350H	
Saw Blade	Speed (m/min)	25/60/75	27/48/70
	Size (mm)	27 x 0.9 x 3850mm	34 x 1.1 x 4515mm
	Cleaning	Wire Drush & Flood Coolent	
Power	Tensioning	Manual	Manual
	Blade (KW)	2.2	3
	Hydraulic (KW)	1.1	1.5
	Coolant (KW)	0.075	0.075
Work Conveyor	Manuel	Manuel	
Work Vice	Hydraulic	Hydraulic	
Machine Weight (Kg)	1030	1200	
Packing size (mm)	295 x 125 x 140mm	235 x 125 x 155mm	










Model	BS-912GDR	
Max Capacity	Circular @ 90°	229mm
	Rectangular @ 90°	178 x 305mm
	Circular @ 45° (Left & Right)	150mm
	Rectangular @ 45° (Left & Right)	127 x 150mm
Blade speed	31/65/95 MPM	
Blade size	27x0.9x2655mm	
Motor power	1HP/750KW	
Drive	Gear	
Packing size (Cm)	160x60x130	
N.W. / G.W.	220 / 270 kg	

Hydraulic Section Bender

The machine is an efficient processing machine which is specially designed to bend I steel, U steel, flat beam, solid bar, etc. It has three working rollers, the positions of the two bottom rollers can be adjusted along the arc. Assisting rollers are installed on both sides of the machine to control the work quality in the bending of proportional steel sections. The machine is reliable to operate with various functions and is an ideal bending machine that's adjustable and able to deal with different types of materials and specifications only by recombining the die settings. This removes the need to change dies. The machine offers low cost with flexibility and reliability.

Modal		W24-400	W24Y-500	W24Y-1000
Yield limit		245	245	245
Minimum bending Dia		200-400	300-400	400-600
Capacity		L40 x 4	L50 x 5	L75 x 7
Dimension	L	mm 1000	1200	1320
	W	mm 750	750	950
	H	mm 1350	1580	1270
Weight	kg	500	900	2500
Main motor	kw	2.2/1.5	2.2-2.2	4/2.2



		
ANGLE LEG-IN	ANGLE LEG-OUT	FLAT-ALONG EDGE
		
FLAT-ALONG FACE	C SECTION LEG-IN/OUT	I SECTION LEG-IN/OUT
		
RECTANGULAR TUBE	SOLID ROUND	SOLID SQUARE



W24Y-1000



W24-400



W24Y-500

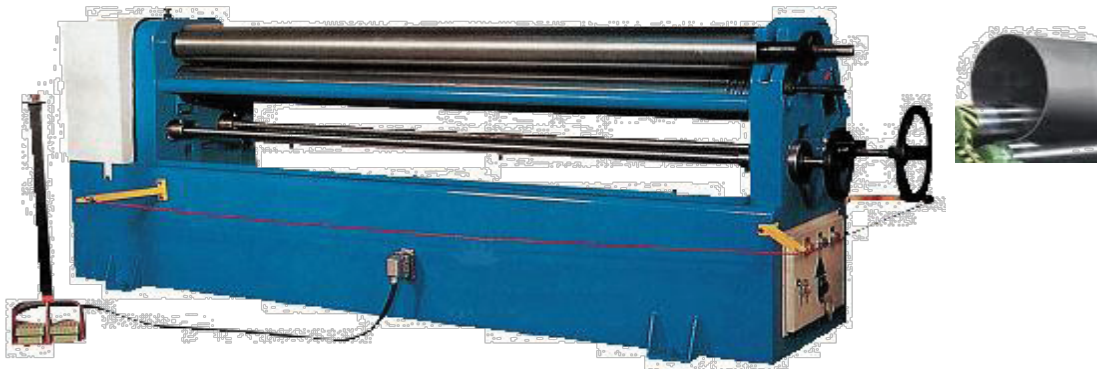
Three Roller Sheet Bending Machines

The up and down parts of W11 series three rollers plate bending machine utilizes mechanism.
 The transportation parts are mechanically driven.
 The upper roller can be moved up and down by the motor to discharge the workpiece.
 Side wheels for angle steel/steel pipe bending are supplied on customers request



Asymmetrical 3-Roller Plate Bending Machine With One Side Pre-bending

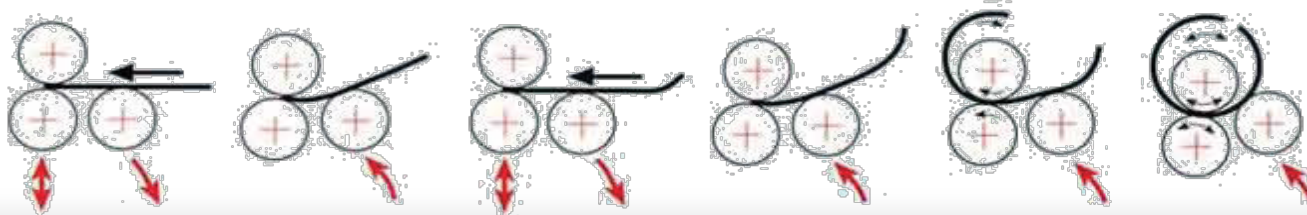
The WR series asymmetrical three rollers plate bending machine's upper roller is manual.
 The machine has a pre-bending function. Bending function is motor driven, and the upper roller can be moved to remove the workpiece.



WR4 x 2000

Model	Maximum			Yield limit (Mpa)	Roller diameter		Motor		Weight (Kg)	Size (L.W.H) (mm)
	Thick (mm)	Width (mm)	Roller diameter full capacity (mm)		Top (mm)	Bottom (mm)	Main (kw)	Upper (KW)		
WR 4*1300	4	1300	200	245	155	135	2.2	1.5	1250	2200*900*900
WR 4*2000	4	2000	200	245	155	135	3	1.5	1650	3210*970*1316

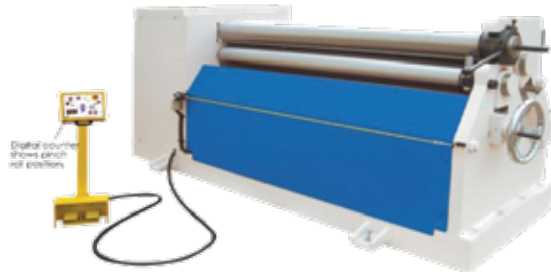
Model	Maximum		Yield limit (MPa)	Minimum dia (mm)	Roller Diameter		Motor (kg)	Weight (kg)	Size (L.W.H) (mm)
	thick (mm)	width (mm)			Top (mm)	Bottom (mm)			
W11Y16 x 2500	16	2500	245	600	320	250	7.5	11000	4660 x 1420 x 1640
W11Y16 x 3100	16	3100	245	600	360	290	11	13000	5260 x 1420 x 1640
W11Y20 x 2500	20	2500	245	600	360	290	11	12000	4660 x 1420 x 1640
W1110 x 1300	10	1300	245	400	210	190	5.5/2.2	2425	2940 x 1100 x 1270
W118 x 2500	8	2500	245	600	230	190	5.5/3	3485	4100 x 1100 x 1270
W118 x 2000	8	2000	245	400	210	190	5.5/3	2890	3700 x 1100 x 1270
W116 x 3100	6	3100	245	500	240	210	5.5/2.2	5390	4600 x 1150 x 1450
W116 x 2500	6	2500	245	400	210	190	5.5/3	3195	4100 x 1100 x 1270
W113 x 4100	3	4100	245	400	220	180	5.5/3	3500	5100 x 860 x 950
W113 x 3100	3	3100	245	400	200	165	5.5/3	2720	4700 x 1000 x 1270
W114 x 1300	4	1300	245	200	135	110	3/1.5	1060	2250 x 720 x 1300
W114 x 1600	3	1600	245	200	135	110	3/1.5	1450	2600 x 720 x 1300
W113 x 2000	3	2000	245	200	135	110	3/1.5	1650	2800 x 720 x 1300



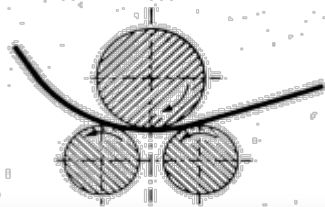
Power Rollers



Model	ESR-1300x1.5	ESR-2020x3	ESR-1300X2.5	ESR-1300X4.5	ESR-1550X3.5
Max thickness (mm)	1.5	3	2.5	4.5	3.5
Max width (mm)	1300	2020	1300	1300	1550
Motor power (kw)	1.5	4	1.5	2.2	2.2
Packing(cm)	190*55*110	253*64*105	180*64*100	181*64*105	206*64*105
N.W/G.W (kg)	400	950	470	660	750



Model	Mild steel capacity (mm)	Roll diameter (mm)	Pinch adjuster	Motor power (KW)	Dimension (Cm)	Weight kg
HER-1300	1300 x 6.5	150	Std	2.2	210 x 81x 140	2041
HER-1550	1550 x 4.5	150	Std	2.2	240 x 81x 140	2450
HER-1550	1550 x 6.5	180	Std	4	249 x 89 x 140	2994
HER-2070	2070 x 4.5	180	Std	4	305x89x140	3720
HER-2070	2070 x 6.5	190	Std	4	305x100x150	3856



Model	Maximum			Yield limit (Mpa)	Roller diameter		Motor power (KW)	Weight (Kg)	Size (L.W.H) (Cm)
	Thick	Width	Diameter Full Capacity		Top	Bottom			
	(mm)	(mm)	(mm)						
W11G-2 x 1000	2	1000	100	245	72	72	1.1	220	154 x 55 x 117
W11G-1.5 x 1300	1.5	1300	100	245	72	72	1.1	244	180 x 55 x 117
W11G-1.2 x 1530	1.5	1530	100	245	72	72	1.1	272	205 x 55 x 117

3-IN-1 Combination of shear, Press brake & Slip roll Machine



Model	1320x1.0	1320x1.5
Bed width(mm)	1320	1320
Shearing Thickness(mm)	1	1.5
Bending Thickness(mm)	1	1.5
Rolling Thickness(mm)	1	1.5
Min Roll Dia(mm)	50	76
Packing size(cm)	183x61x90	183X61X97
N.W/G.W.	310/350	470/530

Manuel Roller



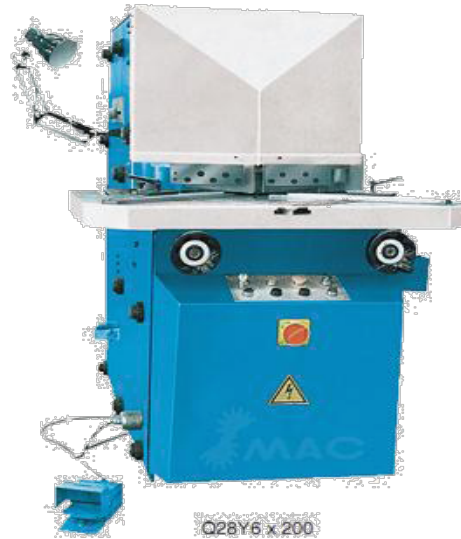
Model	Maximum			Yield limit (Mpa)	Roller diameter		Weight (Kg)	Size (L.W.H) (Cm)
	Thick	Width	Diameter Full Capacity		Top	Bottom		
	(mm)	(mm)	(mm)					
W11-2.0 x 1000	2	1000	100	245	72	72	198	148 x 53 x 117
W11-1.5 x 1270	1.5	1270	100	245	72	72	223	175 x 55 x 117
W11-1.2 x 1530	1.5	1530	100	245	72	72	251	200 x 55 x 117
W11-1.2 x 750	1.2	750	80	245	52	52	100	100 x 40 x 50

Hydraulic Notching Machines

The hydraulic notcher machine is hydraulically driven and constructed with steel welded plate. In addition, this notching machine is suitable for using in various notching industries.



Q28A 4X250(fixed angle)



Q28Y6 x 200

Type	Notching Thickness (mm)		Notching Length (mm)	Notching Angle	Times of shear (time/min)	Working table (mm)	Power (kw)	Weight (kg)
	Mild Steel	Stainless Steel						
4 x 250	4	2	200	90°	40	1000 x 800	3	980
4 x 200	4	2	200	60°-135°	40	1000 x 800	3	1000
6 x 200	6	3	200	60°-135°	30	1000 x 800	5.5	1500



Q28B 4X200(adjustable angle)



Foot Power Notching Machine
Q1.5 x 80



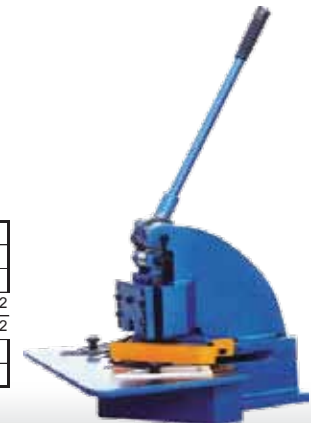
Air Power Notching Machine
QA1.5 x 80

Foot Power & Air Power Notching

Model	Capacity (mm)	Notching length	Weight (kg)	Dimension (Cm)
Q11 1.5 x 80	1.5	80+80	80	52 x 30 x 106
Q11 A1.5 x 80	1.5	80+80	120	60 x 30 x 106

Manuel Notching

Model	HN-3	HN-4
Capacity(Ton)	3	4
Thickness(mm)	1.5	1.6
Punches(mm)	125x125	152x152
90° Angel(mm)	125x125	152x152
Ram stroke(mm)	25	20
N.W./G.W.	22/30	75/85

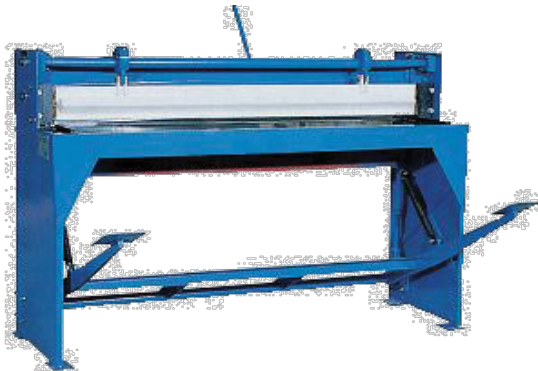


Power Round Slitting Machine

The slitting machinery is specially designed to shear inner-outer round of sheet metal.

Foot Power Shear

Model	Shearing			Overall size (mm)			Weight (kgs)	
	Thick (mm)		Width (mm)	Angle	L	W		H
	MS	SS						
Q11-1x2000	0.5 - 1	0.5	2000	1° 30'	2300	1000	1200	550
Q11-1x1600	0.5 - 1	0.5	1600	1° 30'	1900	1000	1200	400
Q11-1.5x1300	0.5-1.5	0.6	1300	1° 30'	1200	1200	1200	320



Model	Motor (kw)	Capacity (mm)	Weight (kg)	Size (L.W.H) (Cm)
QR-12	1.5	1.2x1250	600	215 x 50 x 125



Manuel Hand Shear

Model	KHS-1250
Bed width(mm)	1250
Shearing thickness(mm)	1
N.W./G.W.(KG)	560/670
Pcking size(mm)	202x110x69



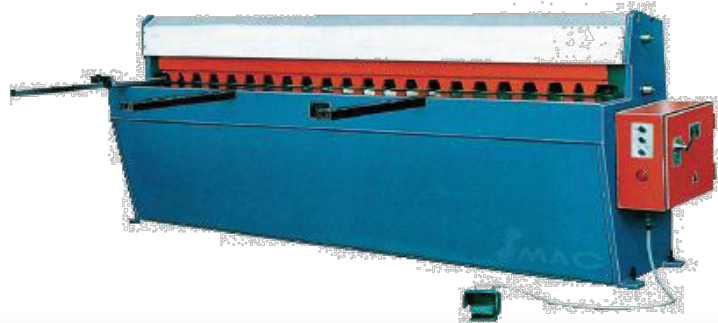
Manuel Shear

Model	Capacity (mm)			N.W Kg	G.W Kg	Packing mm
	Blade length	Flat steel	Round steel			
HGS-8	200	70 x 6	13	17	19	50 x 16 x 45



Mechanical Shearing Machine

Model	Shearing			Strokes Per minute	Back Gauge (mm)	Table height (mm)	Motor power (kw)	Overall size (mm)	Weight (kgs)
	Thick (mm)	Width (mm)	Angle						
QH11D-2.5x2500	2.5	2500	1°	47	0-650	800	5.5	3214x2210x1180	2000
QH11D-3.2x2000	3.2	2000	1° 45'	47	0-650	800	7.5	2624x2210x1180	1800
QH11D-3.2x2500	3.2	2500	1° 18'	47	0-650	800	7.5	3124x2210x1180	2100
QH11D-3.5x1250	3.5	1250	1° 30'	47	0-650	800	5.5	1860x2210x1180	1450
QH11D-3.5x3000	3.5	3000	1° 30'	47	0-650	800	9	3599x2448x1290	2500
QH11D-2.0x3660	2	3660	1° 30'	47	0-650	800	9	4200x2448x1240	3500



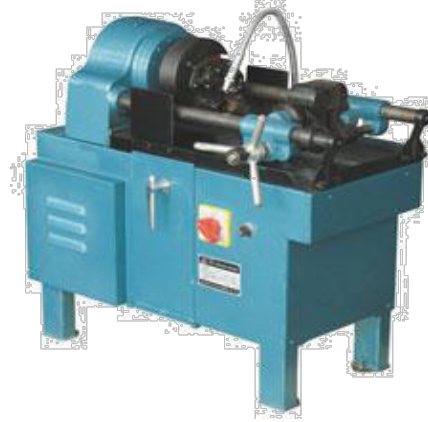
Motor Driven Shear

Model	Shearing				Strokes Per minute	Motor power (kw)	Overall size (mm)			Weight (kgs)
	Thick (mm)		Width (mm)	Angle			L	W	H	
	MS	SS								
Q11-2x2000	0.5 - 2.0	0.5 - 1.0	2000	1° 30'	47	3	2800	1260	1260	1600
Q11-3x1300	0.5 - 3.0	0.5 - 1.5	1300	1° 30'	47	2.2	2100	1300	1300	1200
Q11-4x2500	0.5 - 4.0	0.5 - 2.0	2500	1° 30'	47	5.5	3500	1500	2100	3500



Bar Threading Machine

The Threading Machine is used for Cutting External Thread on Steel Pipe, bar, rod, pvc pipe, bolt etc by Chasing method. HSS Tangential Chasers are used as cutters. The component remains stationary and Die Head rotates. BSP, BSPT, NPT, UNF, UNC, BSW, Acme etc Threads can be cut on this machine depending upon the type of Chasers.



Model	M48	M
Saddle Movement	11"	10" to 12"
Spindle Speed Range	32-54	54-85
Number of Spindle Speed	2	2
Threading Capacity	3/8" to 1.1/2"	1/2" To 2.1/2"
Production per Hour	60 to 80	45 to 80
H.P / RPM	3 / 960	7.5 / 960
Automatic Leading Cut off	As per demand	As per demand
Space Required	24" x 65"	42" x 65"
Weight (KG)	550	990

Bar threading Capacity: M6-M42
 Motor: 380V Universal Motor 50Hz
 Motor Control: Heavy-duty Switch
 Rotation speed: 45 RPM
 Power: 1.5KW
 N.W: 105KG
 G.W: 120KG
 Packing Case: 860(L) x 570(W) x 840(H)mm

Pipe Threading Machine

Model	QT3-BI	QT4-DI	QT6-DI	QT2-50A
Pipe Capacity	1/2"-3"	1/2"-4"	2 1/2"-6"	1/2"-2"
Bolt Capacity				10mm-33mm
Dies head	1/2"-2", 2-1/2"-3"	1/2"-2", 2-1/2"-4"	2-1/2"-4", 5"-6"	1/2"-2"
Dies	NPT/BSPT(Optional)	NPT/BSPT(Optional)	NPT/BSPT(Optional)	NPT/BSPT(Optional)
Spindle speed	24/14 RPM right hand	26/9 RPM right hand	14/6.5 RPM right hand	26 RPM right hand
Supply (V)	220 / 380 - 50Hz	220 / 380 - 50Hz	220 / 380 - 50Hz	220 / 380 - 50Hz
Power	0.75KW	0.75KW	0.75KW	0.75KW
N.W	95KG	125KG	195KG	65KG
G.W	120KG	180KG	220KG	85KG
Packing (mm)	935(L)*630(W)*560(H)	1070(L)*680(W)*705(H)	1100(L)*760(W)*795(H)	680(L)*460(W)*500(H)



Slotting Machine



MODEL:	250	300	450
Length of stroke (max)	250	325	475
Working Stroke	225	300	450
Ram Adjustment	200	250	325
Length of Ram Bearing	550	625	875
Throat Adjustment	350	500	675
Maximum Diameter Accomodated when the machine at centre	750	850	1500
Height between Table & Head	375	450	700
Longitudinal Feed (manuel)	325	450	625
Longitudinal Feed (Auto)	300	425	575
Cross Feed (Manual)	250	400	550
Cross Feed (Auto)	225	375	500
Dimension of Table	375	600	900
Number and Ranges of Speeds	3(30-60-90)	3(25-40-65)	6(10-15-25-35-50-70)
Motor (960RPM)	2HP	3HP	5HP
Net Weight (Kg)	1200	1750	4000
Gross Weight (Kg)	1400	1925	4500
'V' Belt Section	B-55	B-55	B-58
Packing Size - L x W x H (mm):	210x140x90	230x150x110	250x220x160

Bar Bending Machine



Maximum Bending Capacity:450Kg/mm²≤55mm
 Bending Angle:0-180 select by pin
 R.P.M:10
 Motor Power:4KW/5.5HP
 Size:1120X800X800mm
 Weight:490Kg

Pallet Truck 3 Ton



Bar Cutting Machine



Maximum Cutting Capacity: 450N/mm²≤55mm
 R.P.M:45/Min
 Motor Power:4KW/5.5HP
 Size:1500X600X950mm
 Weight:880Kg

Hand Stacker 2Ton - 1.6M



Hand Stacker 2Ton (extendable 3M)



Universal Bender



Model	SBG-30	
Capacity (mm)	Flat steel	30x10
	Round steel	10
	Square steel	10
Packing dimension (cm)	24x24x15	
G.W/N.W (kg)	27/24	

Semi Electrical Stacker 1.5Ton (extendable 3M)



Round tube can be formed as tapered tube by this machine. It's used widely for metal furniture, lighting parts etc. Tube Material: iron, steel, aluminium, brass etc.



Semi Automatic
(ZG)
(ZF)



Round Tube Tapering Machine



Manuel
(ZGH)

Square Tube Tapering Machine

Model		ZF 50	ZF 75
Max. Tube Size	mm	50 x 50	75 x 75
Shrink Length	mm	520	720
Size	Cm	230x80x120	350x120x240
Weight	kg	2800	3900
Motor	kw	5.5	7.5

Model		ZG 38	ZG 50	ZG 60	ZG 76	ZG 125
Max Diameter	mm	Ø38	Ø50	Ø60	Ø76	Ø125
Shrink Length	mm	300	400	400	600	400
Size	Cm	250x110x150	270x110x150	270x110x150	280x120x150	290x120x170
Weight	kg	1600	1900	2800	3800	3800
Motor	kw	4	5.5	6.5	7.5	11

Model		ZGM 38	ZGM 50
Max Diameter	mm	Ø38	Ø50
Shrink Length	mm	300	400
Size	Cm	100x100x130	110x110x130
Weight	kg	1000	1200
Motor	kw	3	4

Round tube can be formed as decorative tube by this machine. It's used widely for furniture, lighting parts, metal crafts etc.

Tube Material: iron, steel, aluminium, brass etc.

Model		HG 40	HG 76
Max Diameter	mm	Ø40	Ø76
Shrink Length	mm	320	400
Size	Cm	210x110x150	220x120x170
Weight	kg	2550	3550
Motor	kw	7.5	11



Decorative Pipe making machine



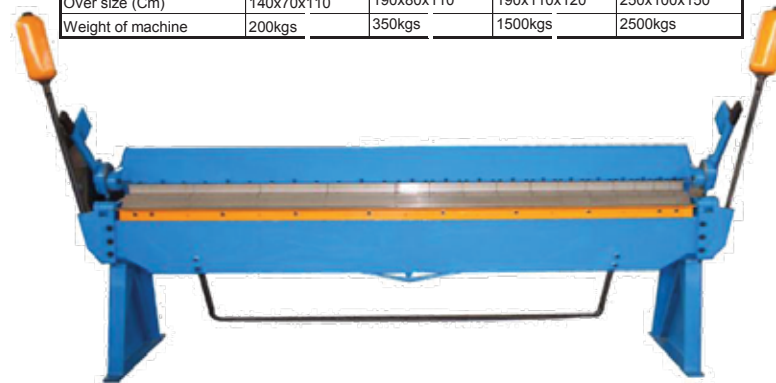
Metal Craft Twisting Machine



Tube Bender

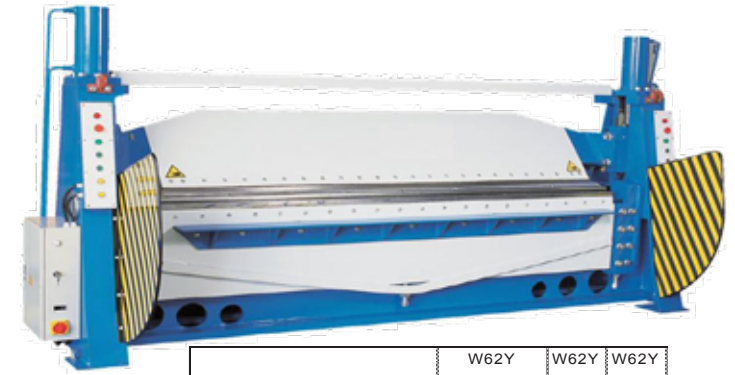


Model	W27YS-25	W27YS-42	W27YS-76	W27YS-114
Max. bending size	25x2mm	42x2mm	76x6mm	114x10mm
Max. bending radius	120mm	200mm	500mm	600mm
Bending angle	0-190°	0-190°	0-190°	0-190°
Height of bending center	950mm	1000mm	1050mm	1100mm
Mandrel bar length	1000mm	1400mm	Optional	Optional
Bending speed	4r/min	3.5r/min	0-2.5r/min	0-1.5r/min
Motor power	0.75kW	2.2kW	5.5kW	11kW
Over size (Cm)	140x70x110	190x80x110	190x110x120	250x100x150
Weight of machine	200kgs	350kgs	1500kgs	2500kgs



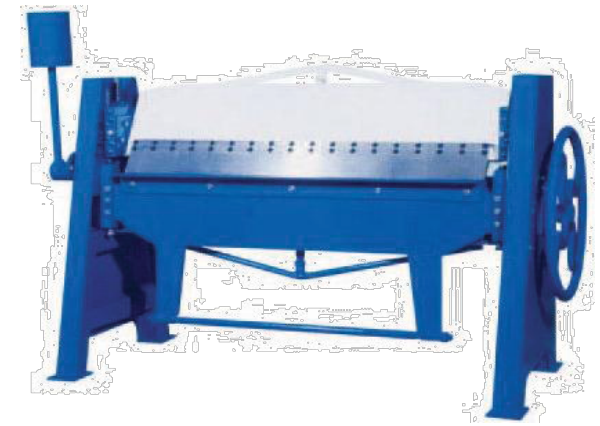
Specification	Bending Length (mm)	Thickness for MS (mm)	Angle	Over All Dimension (Cm)	Weight	
					Net (Kg)	Gross (Kg)
WH06-2.5x1220	1220	2.5	0-135°	216x 91.5x168	580	650
WH06-2.5x2500	2500	2.5	0-135°	362x91.5x188	1500	1880

Hydraulic Folder



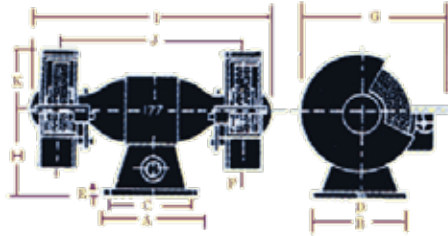
		W62Y 4 x 2500	W62Y 4 x 5 x	W62Y 5 x
Folding length	mm	2500	3100	2000
Folding thickness	mm	4	4	5
Evolving angle		110°	110°	110°
Max upper beam lift	mm	200	200	200
Dimension	L	mm	3350	3875
	W	mm	1000	1250
	H	mm	2000	2000
Weight	Kg	2600	4309	2850
Main motor	kw	4.5	5.5	5.5

Hand Folders



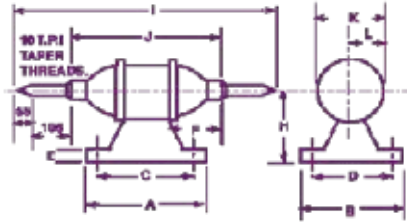
Specification	Bending Length (mm)	Thickness for MS (mm)	Angle	Over All Dimension (Cm)	Weight	
					Net (Kg)	Gross (Kg)
WS-2.5x1300	1300	2.5	0-60°	195x 80x136	700	810
WS-2x2500	2500	2	0-60°	315x80x153	1520	1630

Bench Grinder



H.P	K.W	Ph	R.P.M	Wheel Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	K (mm)	Approx Weight (Kg)
2	1.5	3	1420	300	255	300	215	255	30	92	405	220	610	460	170	102
2	1.5	3	1420	300	255	300	215	255	30	92	405	220	610	480	170	100
3	2.25	3	1420	350	245	264	208	228	40	112	490	250	720	495	220	120
3	2.25	3	1420	350	245	264	208	228	40	112	490	250	720	495	220	123

Bench Polisher



H.P	K.W	Ph	R.P.M	Spindle Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	H (mm)	I (mm)	J (mm)	K (mm)	L (mm)	Approx Weight (Kg)
2	1.5	3	2800	200	185	240	158	208	20	150	1110	630	275	160	57
3	2.25	3	2800	220	175	306	140	250	24	170	1250	810	335	190	105
5	3.75	3	2800	220	175	306	140	250	24	170	1250	810	335	190	108
7.5	5.5	3	2800	220	270	360	220	260	25	170	1370	930	345	195	155

Cut-off Machine



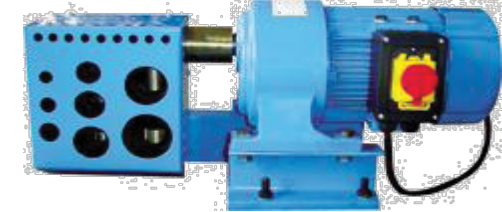
Model		J3GB-400
Motor power	Kw	2.2 (3HP)
Spindle no-load speed	r/min	2280
Fiber strengthen grinding flat	mm	Ø400x Ø32 x3.2 or Ø400x Ø25 x3.2
Cutting Capacity	Steel Tube	mm Ø135 x 6
	Steel Angle	mm 100 x 10
	Steel Channel	mm 126 x 53
	Steel Round Bar	mm Ø50
Tongs Rotary Angle	°	±45°
Dimension of Base	mm	520 x 290
Packing size	Cm	75 x 44 x 52
G.W. / N.W.	kg	65/57

Manuel Pipe Notcher

Model	RA1	RA2	RA3
Capacity	1/4", 3/8", 1/2"	3/4", 1", 1-1/4"	1-1/2", 2"
N.W./G.W.	6.5/7.5	8/10	14/16
Packing (Cm)	50x18x16	50x18x16	50x18x16



Electric Pipe Notcher



Model	PTN12U
Capacity	3/4", 1", 1-1/4", 1-1/2", 2"
N.W./G.W.	62/68
Packing size	86x40x45 (Cm)

Circular Saw

Model		CS-350
Max. blade size		350mm
Max. Capacity	Circular @ 90°	120mm(4.7")
	Rectangular @ 90°	140x100mm(5.5"x4")
	Circular @ 45°	105mm
	Rectangular @ 45°	100x100mm
Blade speed @50HZ		18,36 RPM
Motor		750W(1HP),50/60HZ
Vise opening		145mm(5.7")
Packing size		98x62x95cm (77x57x47cm--stand)
N.W. / G.W.		190/212kg



Manuel Hole Punching Machine



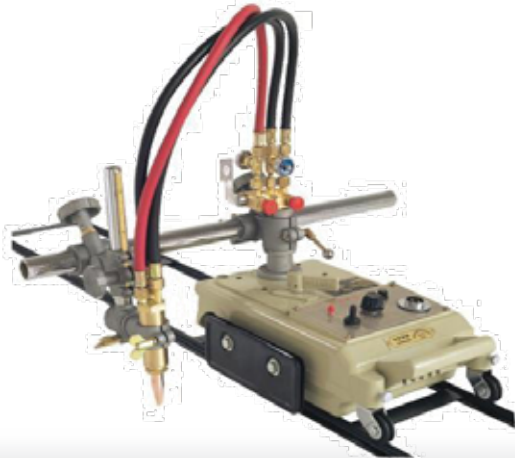
Model	HP-20
Max punching capacity (mm)	8
Throat depth (mm)	160
Punch Mold&die (mm)	55x34x18
Stencil series (extra cost) (mm)	3,4,5,6,7,8,9,10,11,12,13,14,15
Packing dimension (cm)	Body: 52x23x92
G.W/N.W (kg)	80/74

Spot Welding Machine



Model		DN-16	DN-25
Voltage	V	380	380
Rated Input Capacity	KVA	16	25
No-load Voltage	V	1.2-2.4	1.7-3.5
Sheet Thickness	mm	3x3	4x4
Length of Arm	A	500	500
Weight	Kg	108	143
Dimension	Cm	82x35x117	

Portable Gas Cutting Machine



Welding Equipments



Tig Welding Machines

Mig Welding Machines



A/C Arc Welding Machine

Model		BX1-400	BX1-500	BX1-630
Voltage	V	380	380	380
Rated Input Capacity	KVA	32	38	52.5
No-load Voltage	V	70	72	72
Rated Welding Current	A	400	500	630
Current Regulation Range	A	120-400	140-500	160-630
Rated Duty Cycle	%	35	35	35
Referenced Welding Rod	mm	2.5-8	3.2-8	3.2-10
Weight	Kg	108	143	170

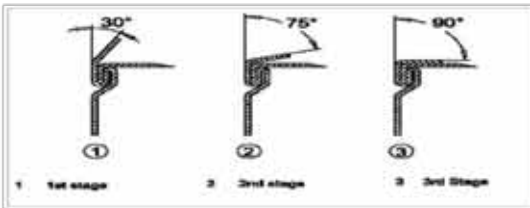
D/C Arc Welding Machine

Model		ZXE1-400	ZXE-500
Voltage	V	380	380
Rated Input Capacity	KVA	32	38
No-load Voltage	V	70	70
Rated Welding Current	A	400	500
Current Regulation Range	A	120-400	140-500
Rated Duty Cycle	%	35	35
Referenced Welding Rod	mm	3.2-8	3.2-8
Weight	Kg	143	182

Seam Locker F 300-2





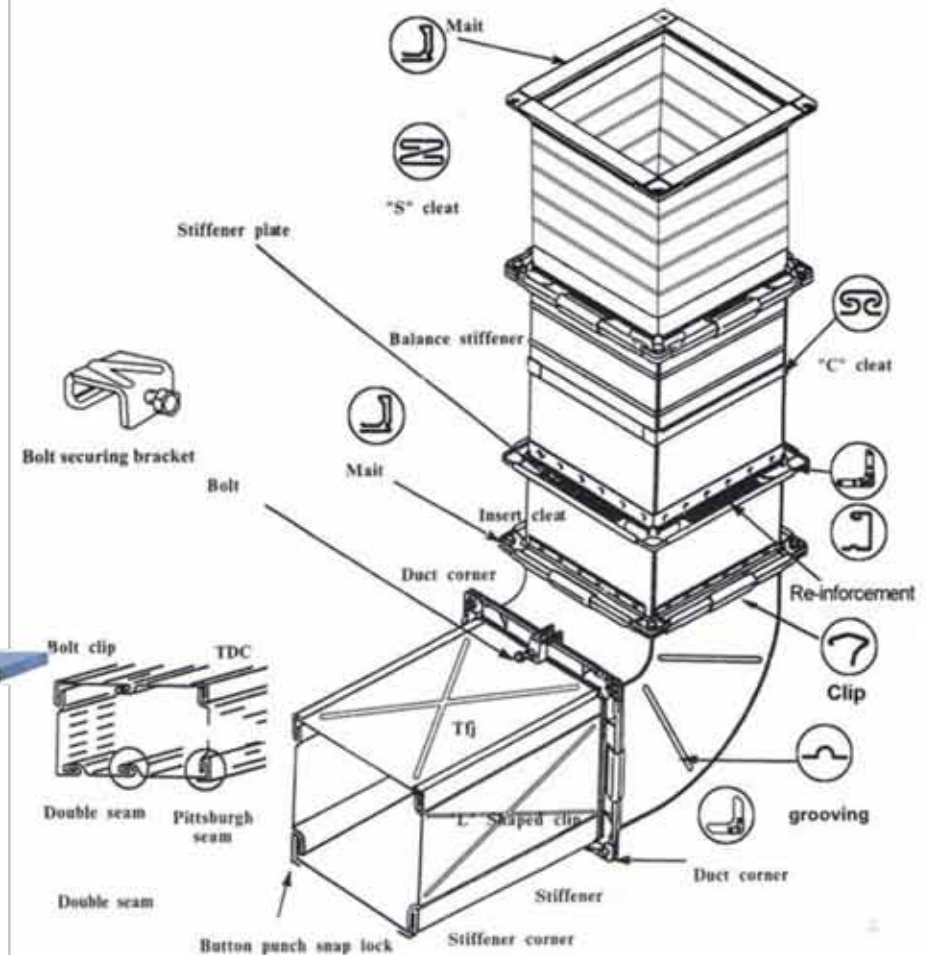
Model	F 300-2
Voltage	230V
Frequency	50/60Hz
Material Thickness	0.75-1.25mm
Working Speed	4-7 m/min
No Load Speed	160/min
Power Consumption	500W
Weight	5.4Kg



Pittsburg Lockformer

LC-12 and LC-15 series Pittsburg lock machines are the most widely used machines in manufacturing ducts. They boast a variety of distinctive features to meet buyer's requirement by replacing rolls. They are light and easy to move. They are suitable for being used on site.

Model	Motor (kw)	Capacity (mm)	Weight (Kg)	Size (Cm) (L.W.H)	Shapes
LC-12DR	1.5	0.5 - 1.2 B<0.8	210	98 x 65 x 120	
LC-12M	1.5	0.5 - 1.2 B<0.8	280	116 x 70 x 100	

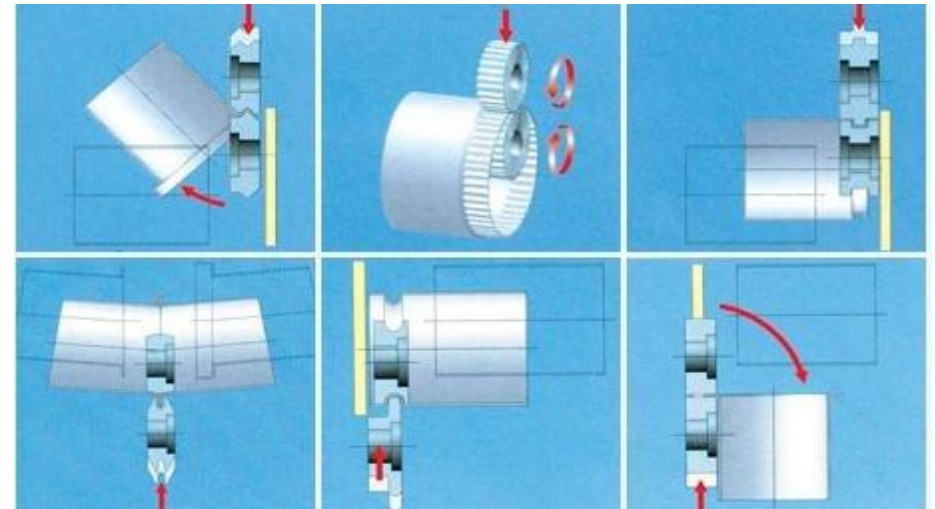




LX-10



LX-10A

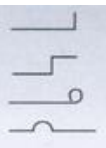


LX-15

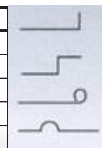
LX-18



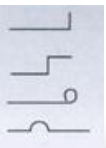
Model	Capacity (mm)	Motor (kw)	Weight (kg)	Size (L.W.H) (Cm)
LX-18	1.8	2.2	220	80 x 40 x 100
LX-15	1.5	1.5	120	70 x 40 x 95
LH-10	1	—	60	65 x 40 x 90
LH10A	1	—	30	40 x 20 x 45



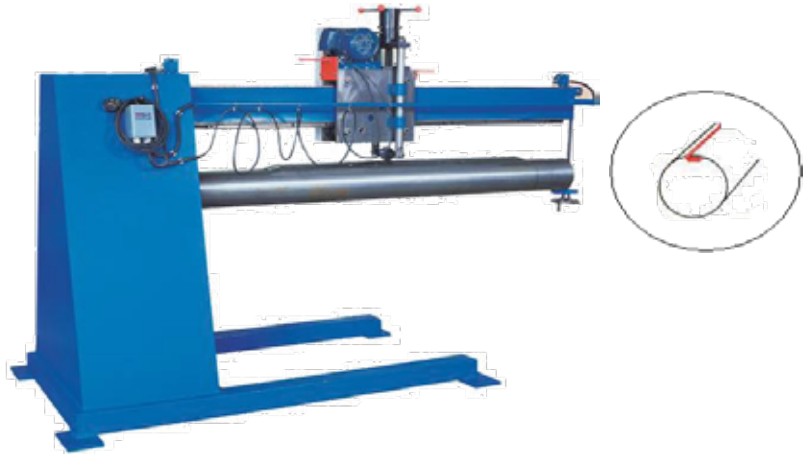
Model	RM 08
capacity	0.8mm
distance between shaft center	50mm
throat depth	177mm
N.W/G.W	22/24kg
Packing Dim	50x45x16cm



Model	ETB25	ETB40
Sheetmetal thickness max	2.5mm	4mm
Throat depth	280mm	300mm
Cylinder speed(rpm)	20RPM	15.3RPM
Motor power	1.5kW	2.2kW
Dimension(CM)	147X58X132	155x51x118

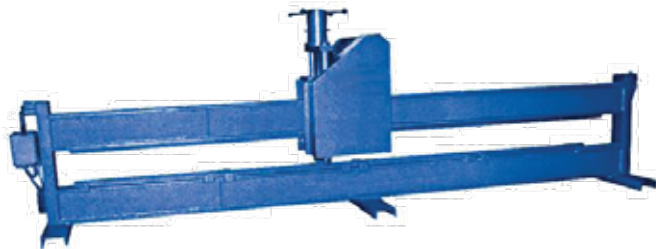




Round pipe bending grooving machine -YJB1.5x1500



Single vein bending grooving machine - G1.5x2300

Type G1.5x2300, bending grooving machine can form cross-vein. It is light, convenient to move and suitable to produce duct. Five veins bending grooving machine is used to strengthen sheets, it can form several strengthened veins at one time. It is usually used for air conditioning duct manufacture and strengthening case sheet.




Model	Thick (mm)	Width (mm)	Motor (kw)	Weight (kg)	Dimension size (L.W.H)(mm)	Shapes
G1.5 x 2300	1.5	2300	0.75	420	3000x650x1000	
YJB-1.5x1500	1.5	1500	0.75	850	2700x1165x1850	

Power Slitting & Bending Machine

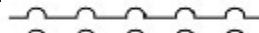


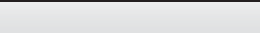
The slitting machine is multi-functional for slitting and bending. It can slit sheet with 1.5mm thickness and 1.25m width, being suitable for duct spot-forming.



Model	Motor (kw)	Capacity (mm)	Weight (kg)	Dimension size (L.W.H)(mm)	Shapes
LQ-15	1.5	1.5	265	1600x600x1120	

Five veins bending grooving machine - G2x1250-5

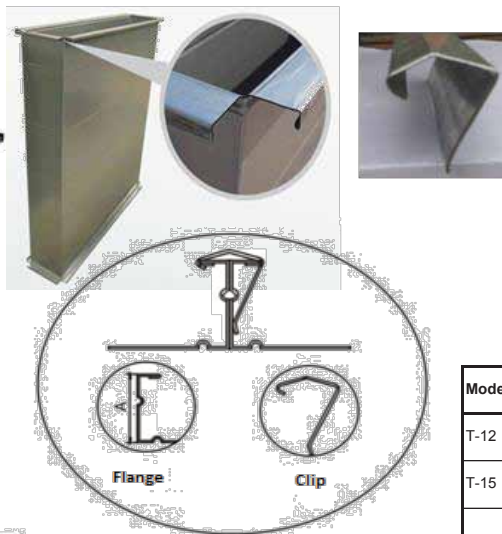


Model	Thick (mm)	Width (mm)	Motor (kw)	Weight (kg)	Dimension size (L.W.H)(mm)	Shapes
G1.5 x 1250-5	1.5	1250	2.2	800	1680x860x1260	
G2.0 x 1250-5	2	1250	3	860	1830x860x1370	
G1.2 x 2000-7	1.2	2000	3	1000	2500x860x1370	
G1.0 x 2500-7	1	2500	3	1370	2970x860x1370	

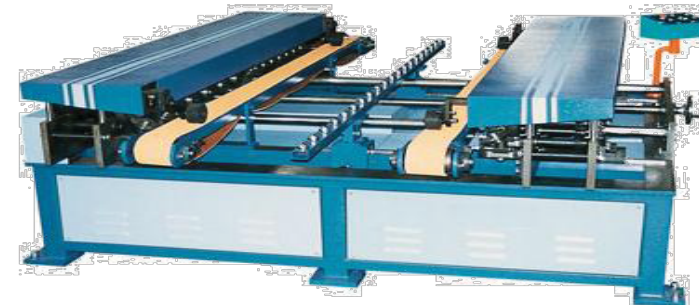
Square and Rectangular Duct System

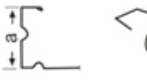
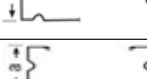
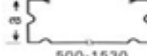
There are mainly two kinds of air ductwork flange systems of duct connection: American standard and European standard, which is the TDC/TDF flange, recommended by SMACNA association and LT/T mate flange as well as improved GDF/PDF flange recommended by UK HVAC association.

TDF-flange Forming Machine (T-12 / T-15)

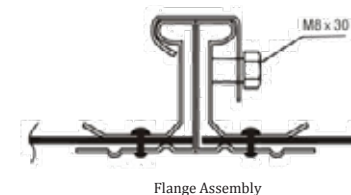
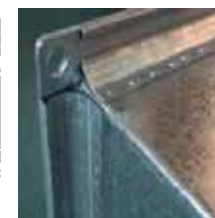
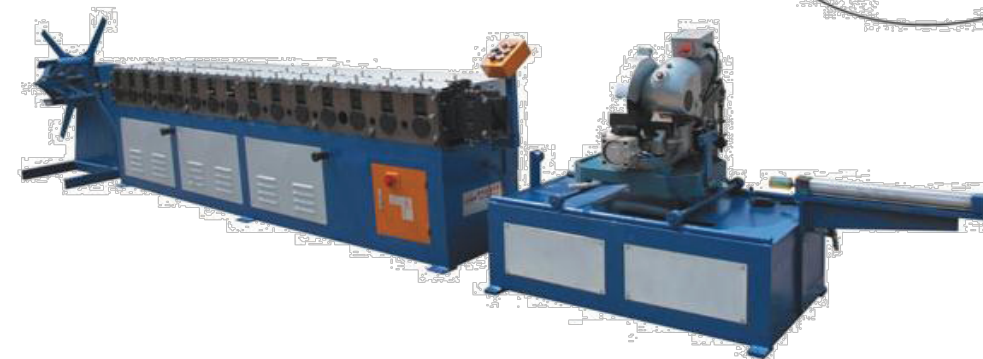





TDF-flange Forming Machine (T-15D)

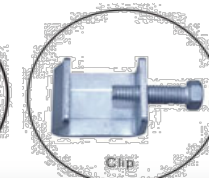
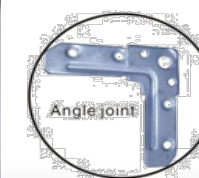
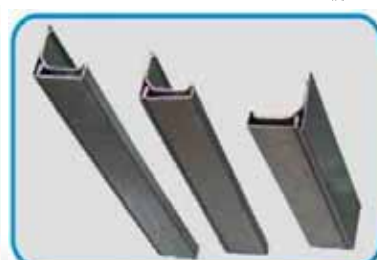


Model	Motor (Kw)	Capacity (mm)	"a" Size (mm)	Weight (kg)	Dimension size (L.W.H)(mm)	Shapes
T-12	2.2	0.6 - 1.2	34 ± 0.5	1400	3000x600x1200	
T-15	3	0.8 - 1.5	34 ± 0.5	1800	3200x900x1000	
T-15D	4	0.6 - 1.2	34 ± 0.5	3000	3200x2700x1100	 500-1530

TDC Flange Forming Machine



Model	Max. Thickness	Shape	"a" Size
T-20	0.8mm		20±0.5
T-25			25±0.5
T-30			30±0.5
T-35			35±0.5
T-40	1.0mm		40±0.5
LT-20	0.8mm		20±0.5
LT-25	0.8mm		25±0.5
LT-30	0.8mm		30±0.5
LT-35	1.0mm		35±0.5
LT-40			40±0.5



Manufacturing Standards for Rectangular Duct

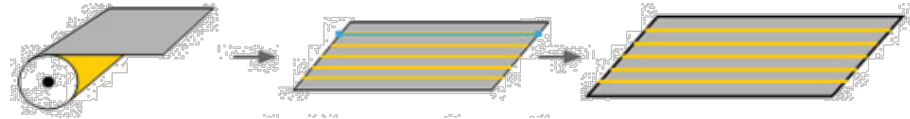
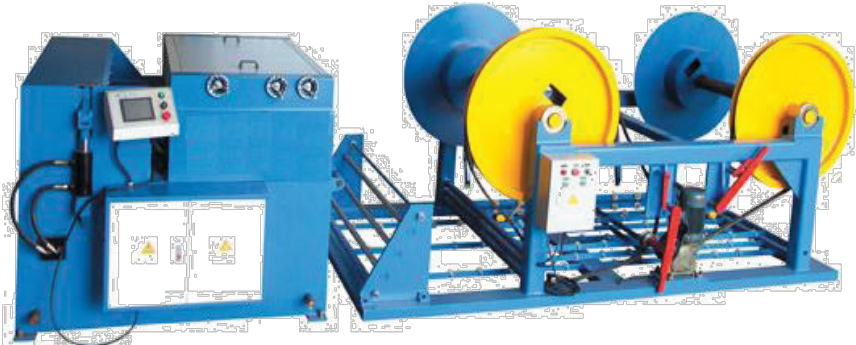
SMACNA Standard for Low Pressure - 500 Pa			
Duct size	G.I. Sheet Thickness mm	Longitudinal Joint	Transverse Joint
0-450 mm	0.56 mm	Grooved / Pittsburgh seam	S & C Cleats
451-750 mm	0.56 mm	Grooved / Pittsburgh seam	25mm Ductmate / Equal Slide on Flange System
751-1000 mm	0.7 mm	Grooved / Pittsburgh seam	25mm Ductmate / Equal Slide on Flange System
1001-1200 mm	0.9 mm	Grooved / Pittsburgh seam	35mm Ductmate / Equal Slide on Flange System
1201-1300 mm	1.0 mm	Grooved / Pittsburgh seam	35mm Ductmate / Equal Slide on Flange System
1301-2400 mm	1.2 mm	Grooved / Pittsburgh seam	35mm Ductmate / Equal Slide on Flange System

DW-144 Standard for Low Pressure - 500 Pa			
Duct size	G.I. Sheet Thickness mm	Longitudinal Joint	Transverse Joint
0-400 mm	0.6 mm	Grooved / Pittsburgh seam	S & C Cleats
401-600 mm	0.8 mm	Grooved / Pittsburgh seam	S & C Cleats
601-1000 mm	0.8 mm	Grooved / Pittsburgh seam	25mm Ductmate / Equal Slide on Flange System
1001-1600 mm	1.0 mm	Grooved / Pittsburgh seam	35mm Ductmate / Equal Slide on Flange System
1601-2500 mm	1.0 mm	Grooved / Pittsburgh seam	35mm Ductmate / Equal Slide on Flange System
2501-3000 mm	1.2 mm	Grooved / Pittsburgh seam	35mm Ductmate / Equal Slide on Flange System

To ensure an extended life of the HVAC ducting systems, the specification of galvanized steel sheets to be Lock forming Quality to ASTM / BS / JIB Standards with zinc coating of Z27 or G90

Auto-Line I

consists of a feeding metal frame leveler-grooving roller, power cutting machine or hydraulic shearing machine. The operating system is computer controlled, maximum working speed of the manufacture line is 20m/min. The length tolerance is ± 0.5 mm, diagonal line is ± 0.8 mm. The feeding frame can be set as per customer requirement.

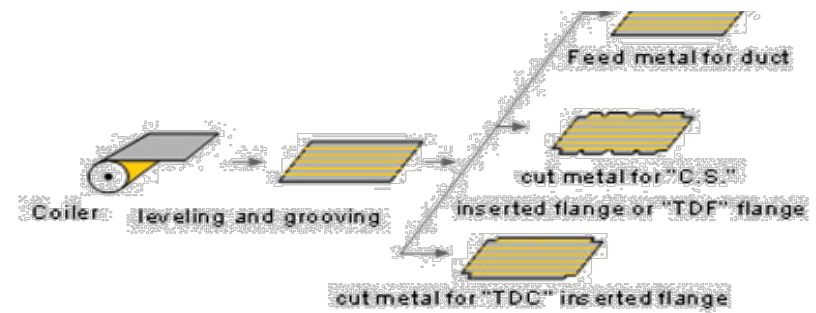


Thickness (mm)	Width (mm)	feeding Speed (m/min)	Coiler weight (Ton)	Size (mm)	Weight (kg)
0.6 - 1.5	1300	16	6 x 2	2000x1900x1200	2400

We can supply the machine with different max width and different max coil weight according to clients' requirement

Auto-Line II

consists of a metal feeding device, straightening and grooving equipment, notching and punching square equipment, and cutting equipment. The electrical control system uses a computer which combines with a closed-loop servo-system to increase the precision and stabilization of the line. The maximum working speed is 16m/min. The length tolerance is ± 0.5 mm. The diagonal line tolerance is ± 0.8 mm. The feeding frame can be set as the customer's requirement. This machine can be used for ducting production but also for TDF (transverse duct snap flange system). If the duct manufacture system combines a T-12, Pittsburgh lock machine, folder and shaped clip, high quality ducts can be easily produced.

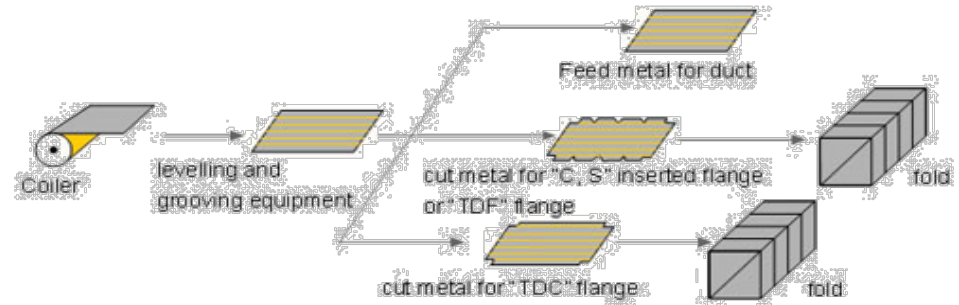


Thickness (mm)	Width (mm)	feeding Speed (m/min)	Coiler weight (Ton)	Size (Cm)	Weight (kg)
0.6 - 1.5	1300	16	6 x 2	250x190x120	4500

We can supply the machine with different max width and different max coil weight according to clients' requirement

consists of material feeding frame,leveler grooving rolls,hydraulic notching and punching square equipment and hydraulic fold er.The electrical is controlled by computer.This control system has loop feedback system,with higher manufacturing precision and stability.The maximum work speed is $\pm 16\text{m/min}$,The length rolance is $\pm 0.5\text{mm/m}$. The disgonal tolerance is $\pm 0.8\text{mm/m}$.It is highly efficiency and automatic and also save material.it is very sutiable for mass production of square duct. Line III can not only be used for duct production but also for TDF(transverse duct snap flange system.)If the manufacture system comb ines a LT-30(TDC flange machine),pittsburgh lock machine,folder and shaped clip,high quality ducts can be easily produced.

Auto-Line III



Thickness (mm)	Width (mm)	feeding Speed (m/min)	Coiler weight (Ton)	Size (Cm)	Weight (kg)
0.6 - 1.5	1300	16	6 x 2	260x190x120	3600

We can supply the machine with different max width and different max coil weight according to clients' requirement

Plasma cutting machine (CNC plasma cutting machine)



The plasma cutting machine is of two types: 5000 and 3100. Both machines consist of a main operation system and a special software system. The control system uses an industrial computer. The cutting software is of two types: universal sheet cutting software FASTCAM and specific duct former software LANTEK.



Plasma generator

Model	Cutting table (mm)	Capacity(mm) (mm)	Cutting Speed (m/min)	Weight (Kg)	Size (mm)
3100	1300x3100	0.5~6	12	1420	4150x1800x1250
3100	1550x5100	0.5~6	12	3180	6100x2100x1250

Remark: Because the product improves continuously, Technical parameter is subject to change without further notice.

Spiral Tube Former (Steel Band Type)



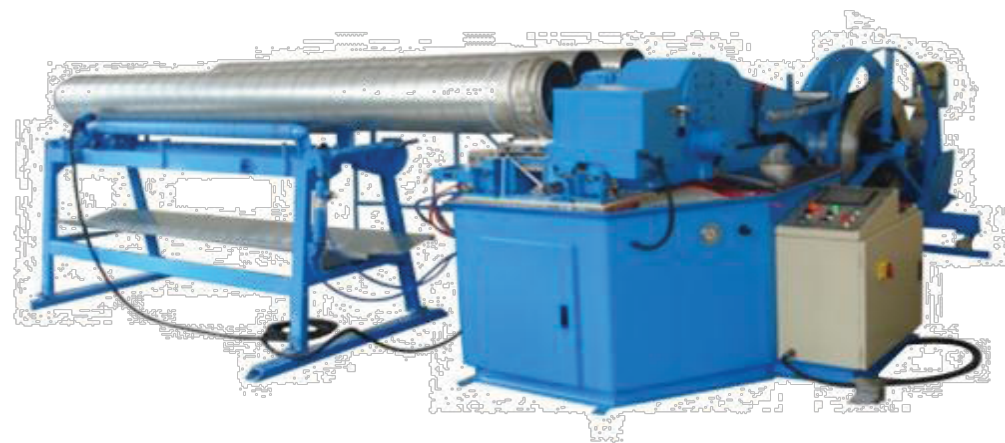
To process various diameter spiral tubes without mould and apply different length steel strip. To replace mould by proper install and adjust. The machine can apply automatic cutting device or manual plastic

Model	80-1500	85-800	85-1200	100-1500	300-2000	400-3000
Diameter range	Φ80-Φ1500mm	Φ85-Φ800mm	Φ85-Φ1200mm	Φ100-Φ1500mm	Φ300-Φ2000mm	Φ400-Φ3000mm
Thickness (Galv)	0.4-1.2mm	0.4-1.0mm	0.4-1.0mm	0.4-2.0mm	0.4-1.2mm	0.4-1.2mm
Width of Strip	137-140mm	124	124	137-140mm	137mm	137mm
Strip Speed	38m/min	32m/min	32m/min	30m/min	30m/min	38m/min
Dimension (LxWxH)	265x155x200Cm	262x192x210	262x192x210	350x220x285	330x170x365	330x170x365
Lockseam	Outside tube, on the inside on request					
Weight (Kg)	2200	1250	1250	2800	2800	3800
Control System	PLC automatic control			PLC automatic control	PLC automatic control	PLC automatic control
Air power	0.5-0.7kmp			0.5-0.7KMP	0.5-0.7kmp	0.5-0.7kmp
Electrical	380V/3PH/50HZ	380V/50Hz	380V/50Hz	380V/50Hz	380V/3PH/50HZ	380V/3PH/50HZ
	(According to customer's request)					
Main Motor Power	5.5kw	5.5	5.5	11KW	11kw	11kw
Cutting motor	4kw	4	4	5.5KW		
Suitable Material	Aluminum, Stainless steel, Galvanized steel					

It's suitable for the ovalizer duct manufacture. After spiral duct, the ovalizer duct machine expands it into standard size. With the character of good shape, high efficiency, easy operation. It's indispensable for duct manufacture.
(Mold can be made according to customer requirement)

Model	Diameter(mm)	Length(mm)	Power(kw)	Weight(kg)	Size(mm)
3100	330-1500	3000	22	3180	5350x1050x950

Spiral Tube Former (Mold Type)



When process spiral tube, each diameter needs corresponding mould. It's easy to change mould and adjust. Then mould is made of steel, more stable, durable than Aluminum mould. The machine can apply roller cutting device or roll cutting device according to the tube length.

Diameter Range	80 - 1600mm
Thickness of strip	0.4 -1.3mm Glvanized steel
	0.8mm Sinless steel
	0.4-1.2mm Auminum
Strip Width	standard 137mm up to 1mm
	thickness, 140mm above. Other widths on request.
Lockseam	Outside tube, on the inside on request.
Production speed	Max. 60 meters/min. depending on material
Cutting system	The pntented flying splitter
Net weight	2900kg
Gross weight	3200kg
Package dimension	3050 x 2000 x 1800mm

Spiral Tube Ovalizer



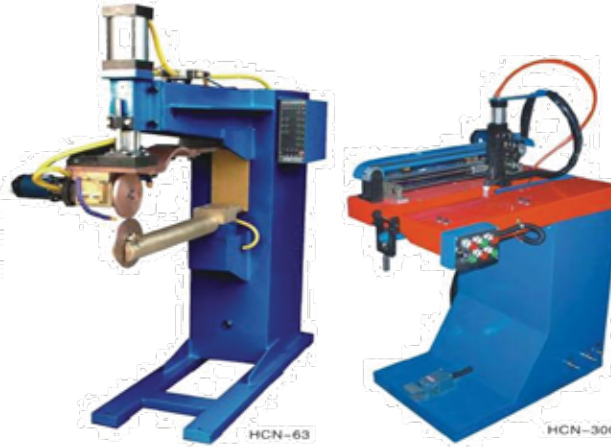
Hydraulic Elbow Making Machine



Model	Max Thickness (mm)	Effective width (mm)	Motor (kw)	Weight (kg)	Size LxWxH (Cm)
DCP-600	1.2	ϕ 100~600	1.5	620	165x80x110
DCP-1000A	1.2	ϕ 100~1000	1.5/1.5	795	194x88x103
DCP-1250A	1.2	ϕ 100~1250	1.5/1.5	853	223x105x103
DCE-1250	1.2	ϕ 100~1250	5.5	930	230x100x106

Note: DCP is Electric ; DCE is Hydraulic.

Stitch Weldng Machine



Model	Rated Capaty (KVA)	Input Power (V/Hz)	Electrod Stroke (MM)	Water Flow (L/Min)	Motor r(W)	Welding Speed (m/min)	Welding Thick (mm)
HCN-40	40	380/50	50	20	92	0.6~3.5	1.0+1.0
HCN-63	63	380/50	50	20	92	0.6~3.5	1.5+1.5
HCN-80	80	380/50	50	20	220	0.6~3.5	2.0+2.0
HCN-100	100	380/50	50	20	370	0.6~3.5	2.5+2.5
HCN-300	/	380/50	/	/	2200	0.1~1.5	0.2~1.2

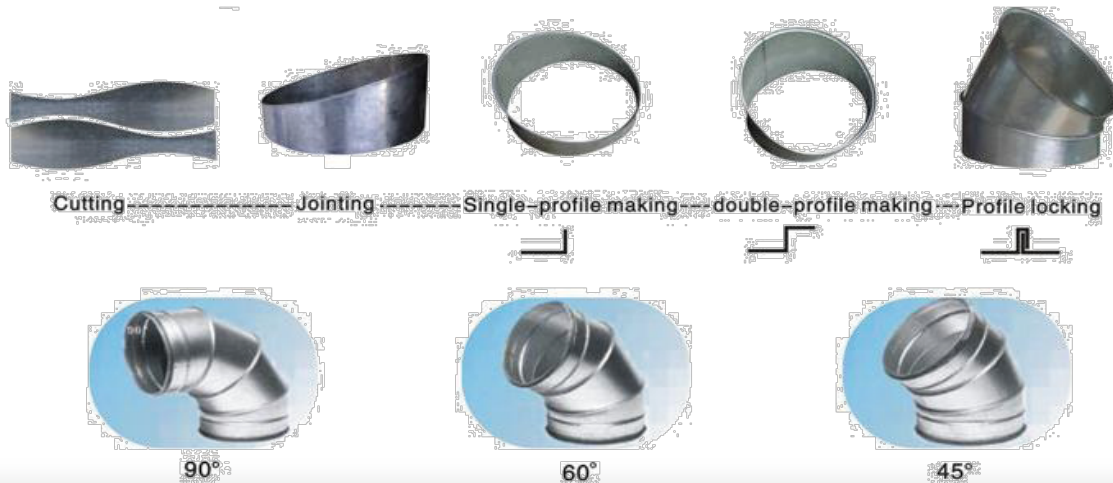
Hydraulic Staving Machine



It's the supplement for ovalizer duct making .It used before the working procedure of round duct turns into ovalduct.The principle is to press a part of spiral round pipe into oval shape before using the spiral pipe ovalizer.

Model	Diameter(mm)	Length(mm)	Power(kw)	Weight(kg)	Size(Cm)
100	250~1000	1000 ~3100	2.2	1100	180x110x160

Electric Elbow Making Machine





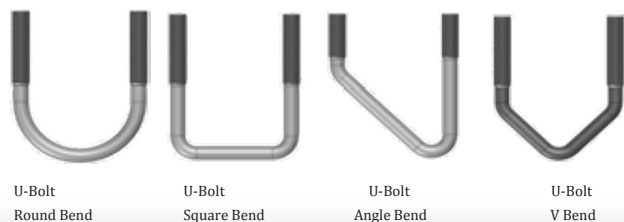
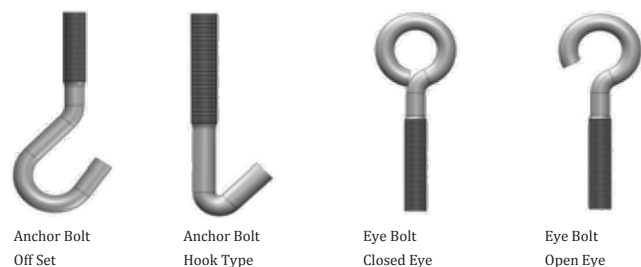
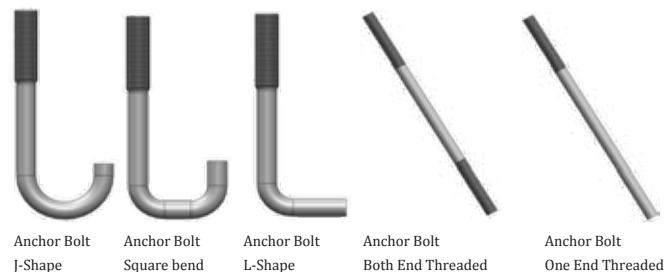
We supply poles as per clients design or as per our design according to clients requirements.

Garden Poles



Poles	Street Lighting Poles Garden Poles Flag Poles
Shapes	Octagonal Polygonal Round Conical Cylindrical Stepped Decorative
Length	As per Client's Requirements
Size	As per Client's Requirements
Material	Steel
Surface Finish	Painted Hot Dip Galvanized Hot Dip Galvanized and Painted

Anchor Bolts



Anchor Bolts and U-Bolts

Diameter M10 - M75

Length As per clients requirements

Grade BS 4360, BS EN 10025
ISO 898, CL. 4.6, 4.8, 5.8, 6.8, 8.8
JIS 400
ASTM A 36
ASTM A 675, Grade90
ASTM F 1554

Finish Hot Dip Galvanized to ASTM A 153 Class C

Hex Bolts

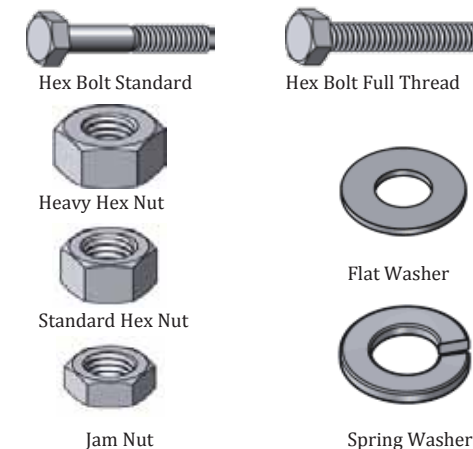
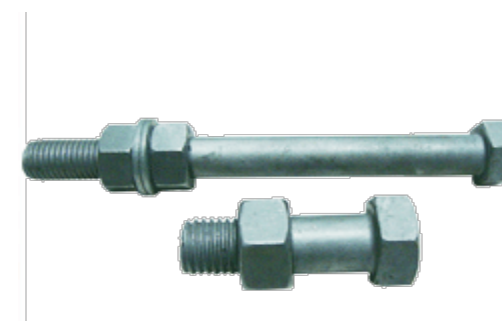
Size M6 - M52

Length As per clients requirements

Grade DIN 931 , 933 4.6,4.8,5.8,6.8,8.8 AND 10.9
ASTM A 325M, Type 1 and 2

Finish Hot Dip Galvanized to ASTM A 153 Class C

Heavy Hex Bolts



Hex Nuts

Size M6 - M100

Grade DIN 934 CL 5, 6, 8
ASTM A 563M, CL 10S
ASTM A 194/194M, Gr 2H

Flat & Spring Washers

Size M6 - M100

Standard DIN 125A , ASTM F436M, DIN 127

Finish Hot Dip Galvanized to ASTM A 153 Class C

Highway Guardrails



We supply guard rails according to clients requirements or as per AASHTO
 All materials will be hot dip galvanized to BS EN 1461 / ASTM A 123
 All bolts are according to ISO 898 Grade 8.8



Guard Rail Beam



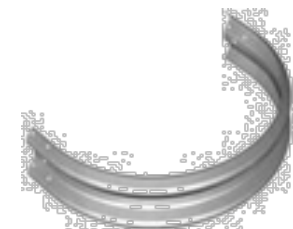
Guard Post & Spacer



End Terminal Type-A



End Terminal Type-C



Curved Beams



Guard Rail Bolt

M16 x 30mm
 M16 x 50mm

Guard Rail	Length	Size	Material	Finish
Beam	As per Customer Requirements	As per Customer Requirements	Steel	Hot Dip Galvanized
Post				
Spacer				
End Terminals	1.5m	Aluminium		
Reflectors	30mm 50mm			
Bolts		M16		