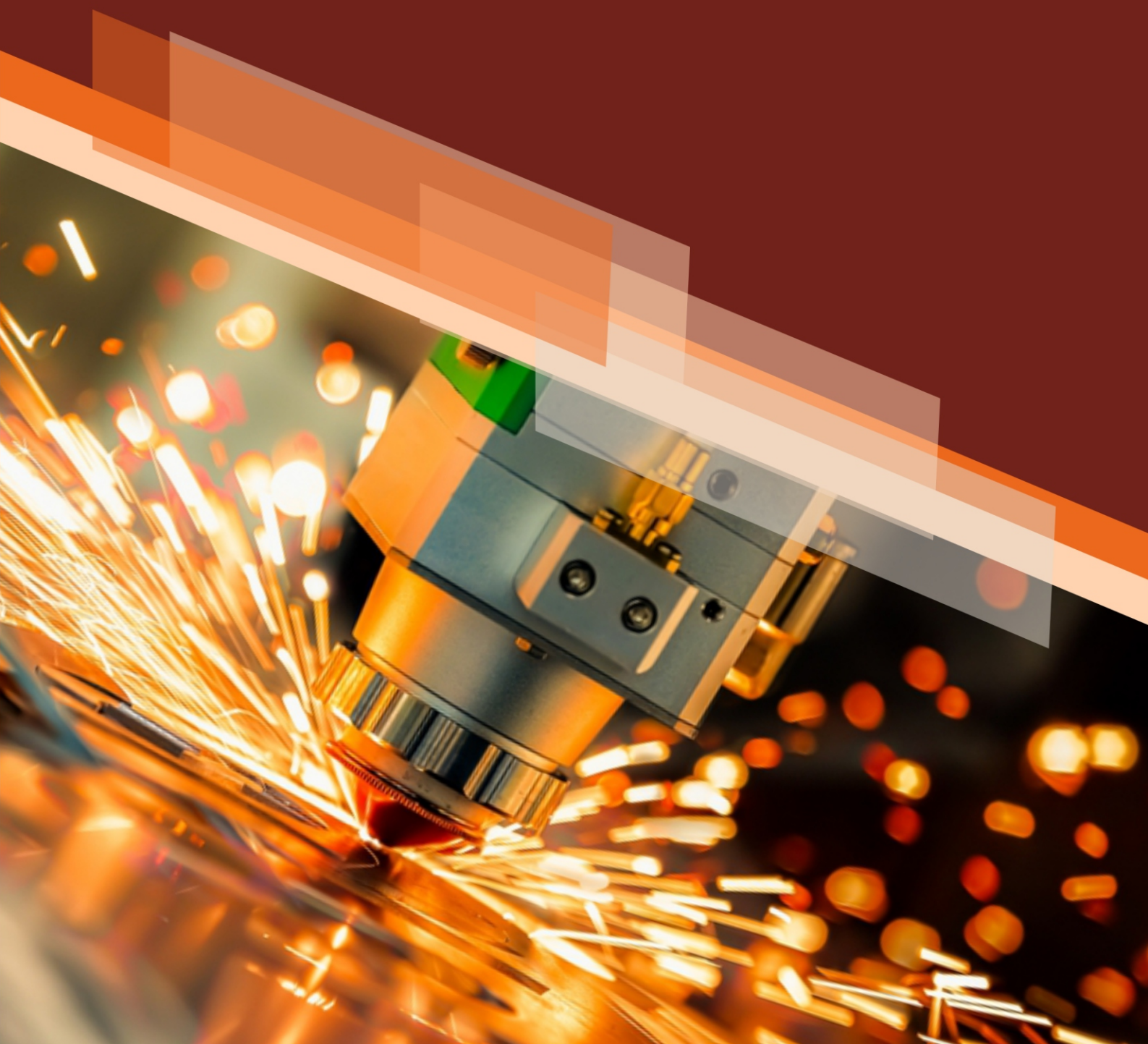




Leading the way in Next-Gen
Robotics & Automation



Vadhrodiya India LLP, established under the visionary leadership of Mr. Rajnikant Vadhrodiya, stands among India's leading exporters of advanced industrial machinery.

Our flagship brand PEPT (Prosperity-Ethics-Purity-Transparency) defines our ethos—delivering cutting-edge innovation, superior performance, and enduring quality to clients across the globe.



MISSION: To deliver reliable and high-performance PEPT machinery that embodies precision, efficiency, and global excellence, empowering industries with innovation and trust.



VISION: To establish PEPT as a global leader in advanced and trusted industrial manufacturing solutions, driven by technology, quality, and customer satisfaction.



15 YEARS OF EXPERIENCE: With over a decade of expertise, we bring deep production experience and robust manufacturing strength to every project.



CUSTOM MANUFACTURING SOLUTIONS: We design and deliver tailor-made solutions to meet exact client specifications with accuracy and flexibility.



WIDE PRODUCT RANGE: Our powerful production capabilities support diverse requirements — from 1200T press brakes to 12000W laser cutting systems — ensuring precision and consistency at every level.



ADVANCED TECHNOLOGY: Equipped with modern CNC systems, automation, and digital innovation for superior quality and productivity.



ON-TIME DELIVERY: Commitment to punctuality and reliability ensuring your projects stay on schedule always.



CERTIFIED ENGINEERS: A team of highly qualified and certified professionals ensuring excellence in every process and product.

OUR PRODUCTS

CNC Laser Machines

04

PEPT Micro Beam Series

PEPT Ultra Beam Series

PEPT High Beam Series

PEPT Combined Pipe & Sheet Series

05

PEPT Micro Combo Series

PEPT Ultra Combo Series

PEPT High Combo Series

PEPT Press Brake Series

07

PEPT CNC Press Brake

PEPT NC Press Brake

Toolings

11

Die & Punch

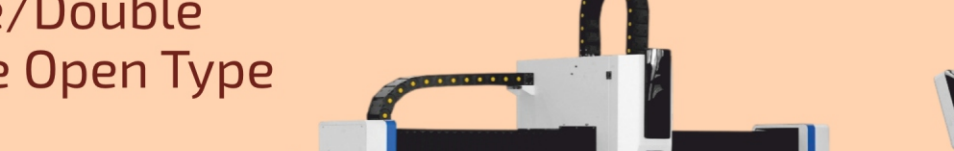
5 in 1 Ironworker

12

Robotic Arms

13

Single/Double Palate Open Type



TECHNICAL PARAMETERS

[illegible]

Sheet and Tube Combo Series



TECHNICAL PARAMETERS

05

			MICRO COMBO		ULTRA COMBO		HIGH COMBO	
SR.NO	ITEM NAME	UNIT	3015-3000W	6025-3000W	3015-6000W	6025-6000W	3015-12000W	6025-12000W
1	LASER POWER	W	3000	3000	6000	6000	12000	12000
2	TABLE SIZE	mm	3000*1500	6000*2500	3000*1500	6000*2500	3000*1500	6000*2500
3	X,Y AXIS POSITION SPEED	m/min	90	90	90	90	90	90
4	X,Y AXIS MOVING SPEED	m/min	125	125	125	125	125	125
5	MAXIM ACCELERATION	G	1.2	1.2	1.2	1.2	1.2	1.2
6	POSITION ACCURACY	mm/m	± 0.03	± 0.03	± 0.03	± 0.03	± 0.03	± 0.03
7	REPOSITION ACCURACY	mm	± 0.02	± 0.02	± 0.02	± 0.02	± 0.02	± 0.02
8	MAXIM PIPE LENGTH CUT	mm	≤3000	≤6000	≤3000	≤6000	≤3000	≤6000
9	MAXIM PIPE DIAMETER	mm	≤220 or ≤360	≤220 or ≤360	≤220 or ≤360	≤220 or ≤360	≤220 or ≤360	≤220 or ≤360

Common Products Configuration

COMMON PRODUCT CONFIGURATION FOR LASER CUTTING MACHINES	
LASER SOURCE	MAX / RAYCUS / IPG
CUTTING HEAD	RAYTOOLS/BOCHI
CONTROLLER & SOFTWARE SYSTEM	FSCUT2000E/FSCUT4000E
LM GUIDE/ BLOCK	HIWIN
RACK & PINION	YYC- TAIWAN
CHILLER	S&A/HANLI/ HEXACOOOL
SERVO MOTOR & DRIVE	YASKAWA / PANASONIC /FUJI
GANTRY BEAM	ALUMINIUM CASTING 3RD GENERATION
ELECTRONIC	SCHNEIDER- JAPAN
VALVES	AIRTAC/SMC

CNC Press Brake Machine



Bending Force Chart

t/V	4	6	8	10	12	16	20	25	32	40	50	63	80	100	125	160	200	250
H (min)	3	4	5.5	6.5	8	10.5	13	16.5	21	26	32.5	41	52	65	81.5	104	130	163
Ri (min)	0.5	0.8	1	1.3	1.5	2	2.5	3.2	4.4	5	6.5	8	10	12	15	20	25	37
0.5	4	3	2															
0.8	12	7	5	4														
1.0		11	8	6	5													
1.2		18	12	9	7	5												
1.5			21	15	12	8	6											
2				30	23	16	12	9										
2.5					39	27	20	14	11									
3						43	31	23	16	12								
4							60	44	32	23	18							
5								76	54	39	23	22						
6									85	62	45	33	25					
8										121	88	70	46	35				
10											151	109	79	58	44			
12												173	124	91	66	50		
15													213	155	113	81	62	
20														302	220	158	115	89
25															378	269	187	144

**For SS U.T.S. 72 kg/mm²
Multiply Force by 1.6**

The force required for air bending can be calculated from the following formula:
Load, P = $\frac{K \cdot L \cdot S \cdot t^2}{1000V}$ Metric Tones

TECHNICAL PARAMETERS

CNC Press Brake Machine

Model											EFFICIENT			SPLENDID								
	Bending force	Bending Length	Bending Capacity	Clear Pass	Open Daylight	Ram Stroke	Table Width	Table Height	Throat Depth	Main Motor	Approch Speed	Working Speed	Return Speed	Approch Speed	Working Speed	Return Speed	Length	Width	Height	X-axis	R-axis	Weight(Approx)
	M Ton	MM	MM	MM	MM	MM	MM	MM	MM	HP	MM/S	MM/S	MM/S	MM/S	MM/S	MM/S	mm	mm	mm	mm	mm	KG
PEPT0315	30	1500	2x1500	1250	385	200	90	850	200	3	100	6	65	160	10	160	1700	1250	2000	400	200	2750
PEPT0320	30	2000	1.8x2000	1550	385	200	90	850	200	3	100	6	65	160	10	160	2200	1250	2100	400	200	3500
PEPT0415	40	1500	3x1500	1250	385	200	90	850	250	5	100	7	80	160	10	160	1700	1300	2100	400	200	3500
PEPT0420	40	2000	2.5x2000	1550	385	200	90	850	250	5	100	7	80	160	10	160	2200	1300	2100	400	200	4000
PEPT0425	40	2500	2x2500	2050	385	200	90	850	250	5	100	7	80	160	10	160	2700	1300	2200	400	200	4650
PEPT0515	40	1500	3.5X1500	1250	385	200	90	850	250	5	100	7	80	160	10	160	2000	1800	2500	400	200	3800
PEPT0520	50	2000	3X2000	1550	385	200	90	850	250	5	100	7	80	160	10	160	2200	1300	2200	400	200	4250
PEPT0525	50	2500	2.5X2500	2050	385	200	90	850	250	5	100	7	80	160	10	160	2700	1300	2300	400	200	4900
PEPT0531	50	3100	2X3100	2600	385	200	90	850	250	5	100	7	80	160	10	160	3300	1300	2300	400	200	5500
PEPT0620	65	2000	3.5X2000	1550	385	200	90	850	250	5	100	7	80	160	10	160	2200	1400	2500	400	200	4750
PEPT0625	65	2500	3X2500	2050	385	200	90	850	250	5	100	7	80	160	10	160	2700	1400	2500	400	200	5500
PEPT0631	65	3100	2X3100	2600	385	200	90	850	250	5	100	7	80	160	10	160	3300	1400	2500	400	200	6350
PEPT0820	80	2000	5X2000	1550	385	200	90	850	250	7.5	100	6	80	160	10	160	2250	1400	2600	600	200	5500
PEPT0825	80	2500	4X2500	2050	385	200	90	850	250	7.5	100	6	80	160	10	160	2750	1400	2600	600	200	6250
PEPT0831	80	3100	3X3100	2600	385	200	90	850	250	7.5	100	6	80	160	10	160	3400	1400	2650	600	200	7000
PEPT0841	80	4100	2X4100	3500	385	200	90	930	250	7.5	100	6	80	160	10	160	4300	1400	2800	600	200	5800
PEPT1025	100	2500	5X2500	2050	485	300	90	850	400	10	100	7	80	160	10	160	2750	1650	2700	600	200	7000
PEPT1031	100	3100	4X3100	2600	485	300	90	850	400	10	100	7	80	160	10	160	3400	1650	3100	600	200	8500
PEPT1041	100	4100	3X4100	3500	485	300	90	930	400	10	100	7	80	160	10	160	4300	1650	2900	600	200	10000
PEPT1051	100	5100	2.5X5100	4500	485	300	90	1000	400	10	100	7	80	160	10	160	5350	1650	3200	600	200	12500
PEPT1225	125	2500	6X2500	2050	485	300	90	850	400	12.5	100	6	65	160	10	160	3000	2100	3000	600	200	7800
PEPT1231	125	3100	5X3100	2600	485	300	90	850	400	12.5	100	6	65	160	10	160	3500	2100	3000	600	200	9000
PEPT1241	125	4100	3.5X4100	3500	485	300	90	995	400	12.5	100	6	65	160	10	160	4500	2100	3000	600	200	10750
PEPT1251	125	5100	3X5100	4500	485	300	90	1050	400	12.5	100	6	65	160	10	160	5500	2100	3000	600	200	14000
PEPT1625	160	2500	8X2500	2050	485	300	90	850	400	15	100	6	80	160	10	160	2800	1800	2900	600	200	8000
PEPT1631	160	3100	6X3100	2600	485	300	90	850	400	15	100	6	80	160	10	160	3400	1800	3100	600	200	9500
PEPT1641	160	4100	5X4100	3500	485	300	90	1010	400	15	100	6	80	160	10	160	4300	1800	3200	600	200	12000
PEPT1651	160	5100	3.5X5100	4500	485	300	90	1050	400	15	100	6	80	160	10	160	5350	1800	3400	600	200	16000
PEPT2031	200	3100	8X3100	2600	485	300	90	850	400	20	100	6	80	160	10	160	3350	1900	2900	600	200	11000
PEPT2041	200	4100	6X4100	3500	485	300	90	1000	400	20	100	6	80	160	10	160	4350	1900	3250	600	200	14000
PEPT2051	200	5100	5X5100	4500	485	300	90	1050	400	20	100	6	80	160	10	160	5350	2000	3500	600	200	17000
PEPT2531	250	3100	10X3100	2600	565	350	180	850	450	25	80	6	80	140	8	140	3350	2100	2900	600	200	12750
PEPT2541	250	4100	8X4100	3500	565	350	180	1100	450	25	80	6	80	140	8	140	4350	2100	3300	600	200	15500
PEPT2551	250	5100	6X5100	4500	565	350	180	1150	450	25	80	6	80	140	8	140	5350	2100	3600	600	200	18500
PEPT3231	325	3100	12X3100	2600	565	350	180	850	450	25	80	6	80	140	8	140	3400	2100	3200	600	200	16750
PEPT3241	325	4100	10X4100	3500	565	350	180	1150	450	25	80	6	80	140	8	140	4400	2100	3400	600	200	19750
PEPT3251	325	5100	8X5100	4500	565	350	180	1200	450	25	80	6	80	140	8	140	5400	2200	3750	600	200	24000
PEPT4031	400	3100	16X3100	2600	600	375	220	950	550	40	75	5	80	----	----	----	3400	2200	3500	600	200	22000
PEPT4041	400	4100	12X4100	3300	600	375	220	1200	550	40	75	5	80	----	----	----	4400	2200	3600	600	200	27000
PEPT4051	400	5100	10X5100	4300	600	375	220	985+P	550	40	75	5	80	----	----	----	5400	2400	4100	600	200	33000
PEPT4061	400	6100	8X6100	5300	600	375	220	985+P	550	40	75	5	80	----	----	----	6400	2500	4200	600	200	40000
PEPT5031	500	3100	20X3100	2600	600	375	220	1020	550	50	75	5	80	----	----	----	3400	2200	3600	600	200	25000
PEPT5041	500	4100	15X4100	3300	600	375	220	1200	550	50	75	5	80	----	----	----	4400	2200	3900	600	200	30000
PEPT5051	500	5100	12X5100	4300	600	375	220	985+P	550	50	75	5	80	----	----	----	5400	2400	4250	600	200	36000
PEPT5061	500	6100	10X6100	5300	600	375	220	985+P	550	50	75	5	80	----	----	----	6400	2500	4500	600	200	45000

NC Press Brake Machine



09

TECHNICAL PARAMETERS

SR.NO	ITEM	UNIT	30T-1600	40T-1600	40T-2500	50T-2500	63T-2500	80T-2500	100T-2500	160T-2500	200T-2500	250T-2500	63T-3200	80T-3200	100T-3200	160T-3200
1	BENDING FORCE	KN	300	400	400	500	630	800	1000	1600	2000	2500	630	800	1000	1600
2	BENDING LENGTH	mm	1600	1600	2500	2500	2500	2500	2500	2500	2500	2500	3200	3200	3200	3200
3	COLUMN SPACING	mm	1200	1200	1980	1980	1980	1990	1980	1980	1980	1980	2560	2560	2655	2655
4	THROAT DEPTH	mm	180	220	220	220	260	300	320	320	320	320	250	320	320	320
5	SLIDER STROKE	mm	90	110	110	120	120	100	150	200	200	200	100	100	150	200
6	MAX OPEN HEIGHT	mm	280	330	330	320	320	320	410	420	420	420	320	350	410	470
7	MAIN MOTOR	KW	4	4	5.5	5.5	5.5	5.5	7.5	11	11	18.5	7.5	7.5	7.5	11
8	WEIGHT	KG	1800	2400	2700	2800	3800	4500	5200	7800	9000	10800	4300	5400	6200	9000
9	LENGTH	mm	1900	1900	2800	2800	2800	2500	2800	2800	2800	2800	3200	3200	3500	3500
10	WIDTH	mm	1200	1300	1300	1300	1400	1400	1600	1600	1750	1750	1300	1500	1600	1750
11	HEIGHT	mm	1850	2000	2050	2050	2150	2300	2300	2400	2550	2650	2210	2300	2400	2550

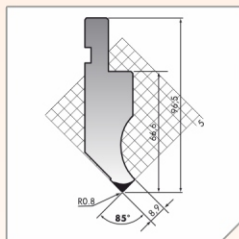
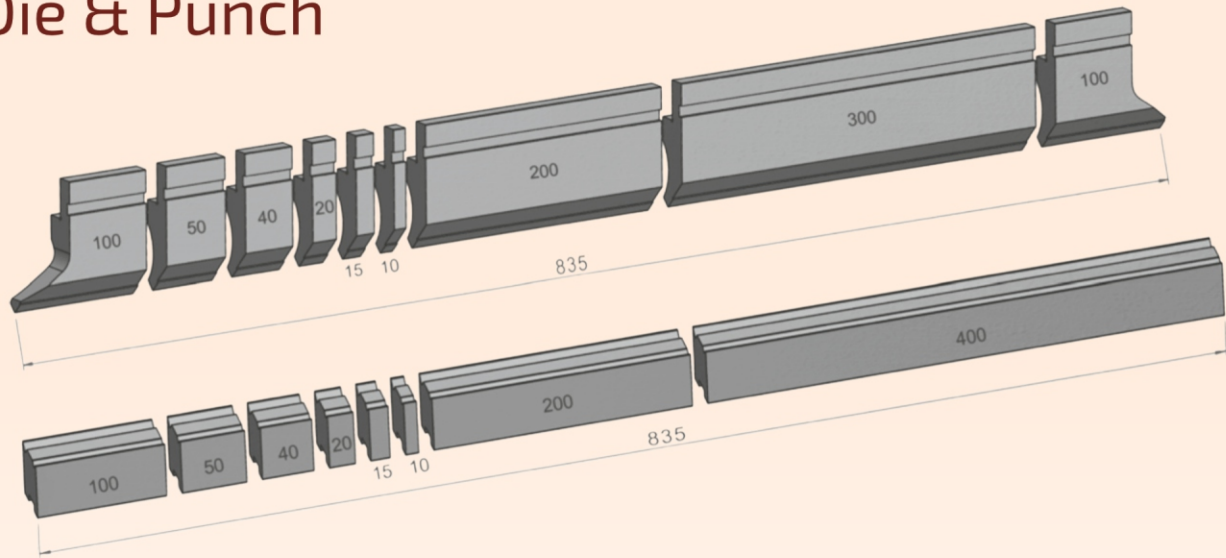
Common Products Configuration

COMMON PRODUCT CONFIGURATION FOR CNC & NC PRESS BRAKE	
CONTROL SYSTEM	CYBLEC / DELEM / ESTUN
MAIN MOTOR	SIEMENS
HYDRAULIC PUMP	SUNNY
HYDRAULIC VALVE	BOSCH-REXROTH
BALL SCREW & LINEAR GUIDE	HAWKING
GRATING RULER	FAGOR
MAIN MOTOR COMPONENTS	SCHNEIDER
SEALING RING	NOK
CONNECTOR	GERMANY
OIL CYLINDER	TAIFENG

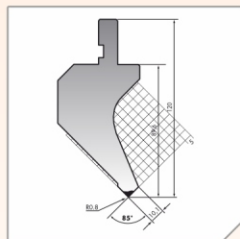


Toolings

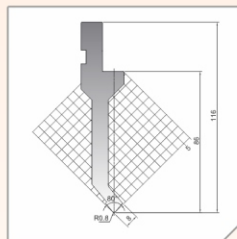
Die & Punch



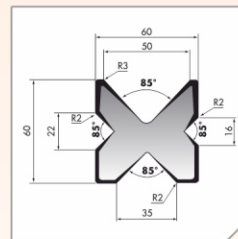
Standard Punch



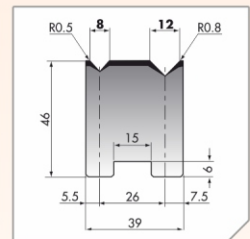
Goose Neck Punch



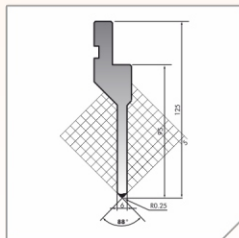
Narrow Punch



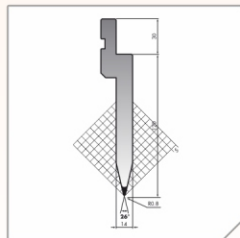
4 "V" Die



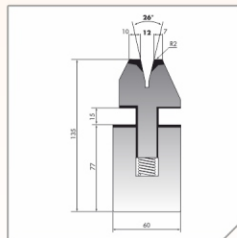
2 "V" Die



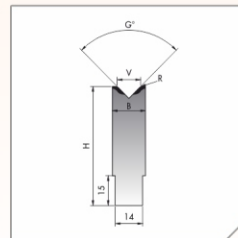
Straight Punch



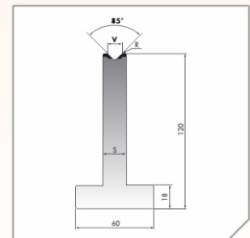
30° Straight Punch



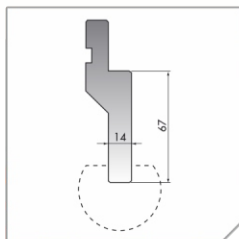
Hamming Die



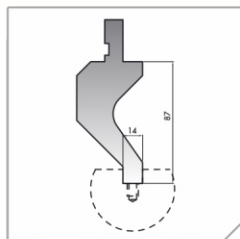
Single "V" Die (Inserted)



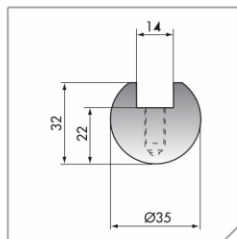
Single "V" T Die



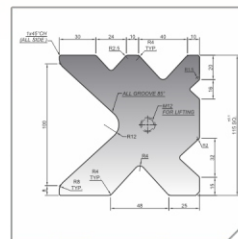
Radius Punch Holder



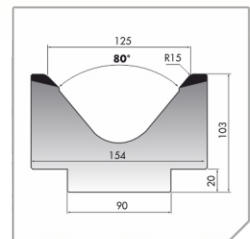
Goose Neck Type Radius
Punch Holder



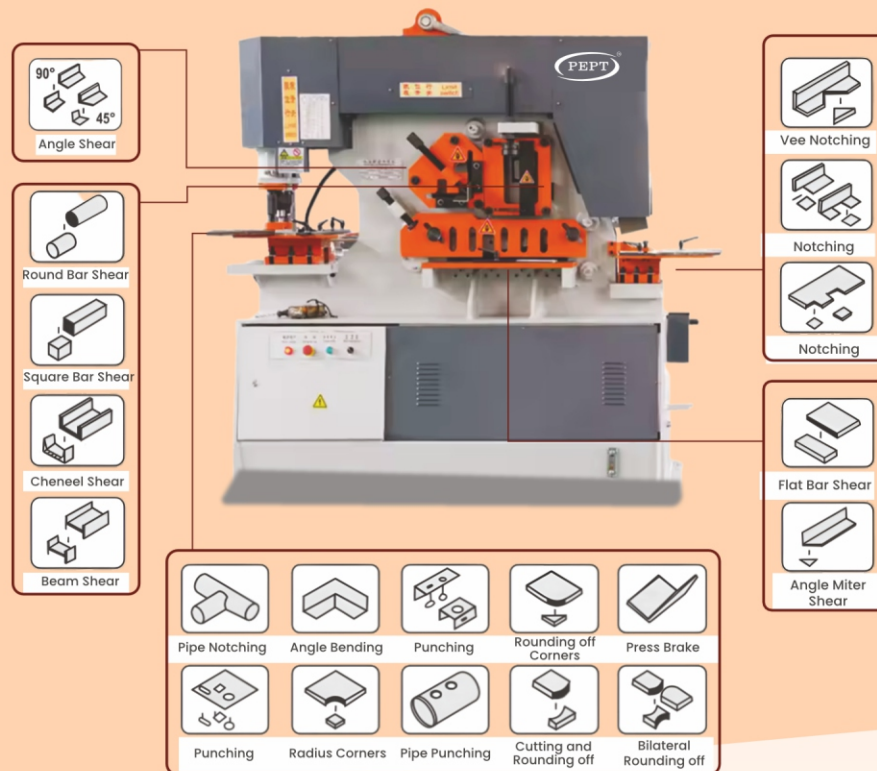
Radius Tool



Multi "V" Die



Single "V" Die



TECHNICAL PARAMETERS

PARTICULAR	HIW - 55	HIW - 65	HIW - 85	HW - 110	HW - 110	HW - 125	HW - 165	HW - 230
PUNCHING								
Punching Pressure	55 Ton	65 Ton	85 Ton	110 Ton	110 Ton	135 Ton	165 Ton	220 Ton
Punch Capacity (Diameter x thickness)	22 x 16	22 x 20	30 x 20	30 x 25	30 x 25	33 x 28	36 x 32	40 x 38
	45 x 8	50 x 9	50 x 12	50 x 15	50 x 15	50 x 18	50 x 23	50 x 30
Throat Depth in S/SD Model	310 / -	310 / 510	310 / 510	310 / 510	310 / 510	570 / -	570 / -	570 / -
Maximum Stock Length	100	100	100	100	100	100	100	100
Cycler Min. (Xilman Shock)	22	20	21	21	21	20	25	25
Working Height up to die	910	910	950	950	950	1000	1050	1050
FLAT SHEARING								
Flat Shear (Width x Thickness)	300 x 12	350 x 15	450 x 15	610 x 16	610 x 16	610 x 18	750 x 20	700 x 25
	240 x 16	240 x 20	300 x 20	400 x 20	400 x 20	400 x 25	400 x 30	425 x 30
Blade Length	310	360	465	600	620	620	770	720
Angle Range Trim	63	75	100	100	100	100	120	120
Working Height	820	920	920	960	960	960	960	960
ANGLE SHEARING								
Angle 90 Shearing	100 x 100 x 10	130 x 130 x 13	152 x 152 x 13	152 x 152 x 15	152 x 152 x 15	152 x 152 x 18	200 x 200 x 20	200 x 200 x 20
Angle 45 After Shearing	50 x 60 x 6	65 x 65 x 8	80 x 80 x 10	80 x 80 x 10	80 x 80 x 10	80 x 80 x 10	80 x 80 x 10	80 x 80 x 10
Working Height	1080	1150	1150	1150	1150	1150	1160	1160
BAR SHEARING								
Round Bar Shearing	32	40	50	50	50	50	50	70
Square Bar Shearing	32 x 32	38 x 38	50 x 50	50 x 50	50 x 50	50 x 50	60 x 60	60 x 60
Channel Shearing	125	152*	180*	180*	200*	200*	250*	300*
I Beam Shearing	125	152*	180*	180*	180*	180*	180*	200*
Working Height	1150	1300	1300	1315	1315	1315	1375	1375
NOTCHING								
Rectangular (W x D x T)	50.8 x 90 x 6	50.8 x 90 x 9	50.8 x 90 x 12	63.5 x 90 x 12	63.5 x 90 x 12	63.5 x 90 x 16	63.5 x 90 x 18	63.5 x 90 x 18
Vee-Notching (Sx x Sx x T)	80 x 80 x 6	90 x 90 x 9	90 x 90 x 10	105 x 105 x 12	105 x 105 x 12	105 x 105 x 12	105 x 105 x 16	105 x 105 x 16
Large V-Notching (Sx x Sx x T)	-	145 x 145 x 8	145 x 145 x 10	145 x 145 x 12	145 x 145 x 12	145 x 145 x 13	145 x 145 x 15	145 x 145 x 15
Working Height	850	850	860	860	860	860	860	860
OPTIONAL TOOLING								
Single V Press Break (W x T)	250 x 10	250 x 15	250 x 15	250 x 20	250 x 20	250 x 20	250 x 20	250 x 20
Multi V Press Break (W x T)	400 x 5	500 x 5	500 x 5	700 x 5	700 x 5	700 x 5	700 x 5	700 x 6
Angle Bending	76 x 6	102 x 6	102 x 8	102 x 13	102 x 13	102 x 13	102 x 13	102 x 13
Pipe Notcher (Dia.)	114	114	114	114	114	114	114	114
OTHER								
Electric Power (HP)	7.5 HP	7.5 HP	10 HP	10 HP	10 HP	15 HP	20 HP	25 HP
Net Weight (Apr.) S / SD	2800 / 2800 KG	2600 / 3100 KG	2960 / 3200 KG	3800 / 3900 KG	3950 / 4000 KG	5000 KG	6500 KG	7600 KG
Machine Dimension (L x W x H)	1750x750x1600	1970x800x2000	2100x820x2000	2340x690x2110	2400x820x2150	2420x880x2150	2550x1050x2150	2700x1200x2250

Robot Arm



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TECHNICAL PARAMETERS

APPLICATION	MODEL	ARM LENGTH (mm)	REPEATABILITY(mm)	LOAD ABILITY (kg)	POWER SOURCE (kVA)
APPLICABLE FOR MICRO & SMALL PARTS	0410A	574	±0.6	1	2.03
COMPLEX OPERATIONS	2917A	3168	±0.2	170	12.46
EXPLOSION PROOF SPRAYING ROBOT	2013F	2134	±0.5	13	6.38
INJECTION MOLDING	0805A	990	±0.05	5	3.67
	1820A	1850	±0.05	20	5.87
LOADING & UNLOADING	1515A	1500	±0.08	15	5.5
	2030A	2068	±0.08	30	6.11
	2206A	2280	±0.08	6	5.38
MULTIFUNCTIONAL ROBOT	0707A	883	±0.03	7	2.93
	1510A	1587	±0.05	10	5.06
	3030A	3165	±0.07	30	5.07
	2550A	2563	±0.1	50	8.87
	3511A	3503	±0.2	100	9.71
	2520B	2637	±0.2	200	9.58
SPRAYING	2013A	2134	±0.5	13	6.38
ULTRA LONG SPAN INDUSTRIAL ROBOT	2830B	3100	±0.2	300	15.62
	2924B	3176	±0.2	240	18.07
	3050B	3366	±0.5	500	33.78
WELDING ROBOTIC ARM	1506A	1647	±0.05	6	4.64
	2110A	2131	±0.05	10	6.48



GROUP OF COMPANIES



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