

plasma power source option table for CNC cutting machine

Brand/Type	Model	Max pierce thickness(mm)			Max edge cutting thickness(mm)			Quality cutting thickness(mm)			Input power (kVA)	
		carbon steel	stainless steel	aluminium	carbon steel	stainless steel	aluminium	carbon steel	stainless steel	aluminium		
WUXI HANSHEN	HP100(HCB&HCZ&HCG)	15	15	15	35	35	30	12	12	12	14.5	
	HP160(HCZ&HCG)	20	20	20	40	40	30	16	16	16	26.5	
	HP250(HCG)	25	25	25	50	50	50	20	20	20	30	
Hypertherm	Normal	POWERMAX45	12	10	10	25	19	19	6	6	6	5.95
		POWERMAX65	16	12	12	32	20	20	8	8	8	9
		POWERMAX85	20	16	16	38	25	25	10	10	10	12.2
		POWERMAX105	22	20	20	50	32	32	14	12	12	16
		POWERMAX125	25	20	25	57	40	40	20	16	20	16
		MAXPro200	32	25	32	75	64	75	20	20	20	30
		HSD130	25	20	20	38	25	25	16	20	20	19.5
	Sophisticated	HPR130XD	32	20	20	38	25	25	16	20	20	19.5
		HPR260XD	38	32	25	64	50	50	32	32	25	19.5
		HPR400XD	50	75	45	80	80	80	38	45	45	45.5
		HPR800XD	50	100	75	80	160	160	38	75	75	80
Thermadyne	Normal	CutMaster A40	6	6	6	15	15	15	4	4	4	6.3
		CutMaster A60	10	10	10	20	20	20	8	8	8	9
		CutMaster A80	12	12	12	30	30	30	10	10	10	12
		CutMaster A120	18	18	18	35	35	35	16	16	16	15.4
		AutoCut100XT	15	15	15	35	35	35	15	15	15	16
		AutoCut200XT	25	25	25	50	50	50	25	25	25	32
		AutoCut300XT	35	35	35	75	75	75	35	35	35	48
	Sophisticated	U Cut100XT	15	15	15	35	35	35	15	15	15	18
		U Cut200XT	25	25	25	50	50	50	25	25	25	36
		U Cut300XT	40	40	40	75	75	75	35	35	35	54
		U Cut400XT	50	50	50	90	90	90	50	50	50	120
Kjellberg	Normal	CUT Fire100i	15	15	15	30	30	30	15	15	15	22.1
	Sophisticated	FineFocus 450	25	25	25	45	45	45	35	35	35	34
		FineFocus 600	30	30	30	60	60	60	50	50	50	62
		FineFocus 800	40	40	40	80	80	80	60	60	60	83
		FineFocus 1600	40	70	70	80	160	160	60	120	120	168
	Similar to laser	HiFocus 80i	15	15	15	25	25	25	15	15	15	17
		HiFocus 130	25	25	25	40	40	40	25	25	25	32
		HiFocus 160i	30	30	30	50	50	50	30	30	30	33
		HiFocus 280i	40	40	40	70	70	70	50	50	50	67
		HiFocus 360i	50	50	50	80	80	80	60	60	60	87
HiFocus 440i		50	50	50	80	120	120	70	80	80	127	