

ITEM	REQUIREMENT	USAGE OR LIFETIME IN HOURS	PART COST	COST PER HOUR
LASER GAS (PREMIX)	Resonator	10 Liters/Hour	\$120 (270 cu ft cyl)	\$0.16
VACUUM PUMP	Replace Vacuum pump	10,000	\$2,760	\$0.28
	Vacuum Pump Oil	1500	\$22	\$0.01
TURBO BLOWER	Rebuild Turbo Blower	12,000	\$4,952	\$0.41
	(Exchange Program)			
	Blower Oil	1000	\$33	\$0.03
INTERNAL RESONATOR	Output Mirror	4000	\$610	\$0.15
ENCLOSURE OPTICS	Fold Mirrors (6)	4000	\$210	\$0.32
	Rear Mirror	4000	\$610	\$0.15
EXTERNAL	Bend Mirrors (3)	12000	\$252	\$0.02
DELIVERY OPTICS	1/4 Phase Shift Mirror	12000	\$169	\$0.01
	Collimator CC	12000	\$366	\$0.03
	Collimator CV	12000	\$366	\$0.03
	Adaptive optic	20000	\$6,000	\$0.30
FOCUS LENS	7.5" Focus by 1.5" Diam	400	\$580	\$1.45
CUTTING NOZZLE TIP	1.4mm (.080) Diam	120	\$15	\$0.13
Consumables Cost/Hr.				\$3.49
ELECTRICITY	CNC, Laser, Chiller & Dust Collector	63 KVA Actual @ 4000 watts	\$.12 per kWh kWh Prices will vary!!!	\$7.56
TOTAL COST PER HOUR				\$11.05

Laser	100A @4000w	100
Machine Control	2A Avg	2
Dust Collector	14A Avg	14
Chiller	65A Avg	65
		181 this equals 63kva at 200v