

3000W Cutting Parameter

Material	Thickness	Assisted Gas	Speed(m/min)
Carbon Steel	1.0	Oxygen	7.0-12.0
	2.0		5.0-6.5
	3.0		3.5-4.0
	4.0		3.0-4.0
	5.0		2.5-3.0
	6.0		2.6-3.2
	8.0		1.5-2.6
	10.0		1.2-1.5
	12.0		1.0-1.5
	16.0		0.5-0.7
20.0	0.2-0.4		
Carbon Steel	1.0	Nitrogen	35.0-55.0
	2.0		12.0-20.0
	3.0		7.0-12.0
Carbon Steel	1.0	Air	35.0-55.0
	2.0		12.0-20.0
	3.0		7.0-13.0
Stainless Steel	1.0	Nitrogen	40.0-60.0
	2.0		12.0-25.0
	3.0		7.0-12.0
	4.0		4.0-6.0
	5.0		2.0-4.5
	6.0		1.4-3.0
	8.0		0.6-1.0
	10.0		0.4-0.8
Stainless Steel	1.0	Air	40.0-60.0
	2.0		11.0-24.0
	3.0		7.0-11.0
	4.0		4.0-6.0
	5.0		2.5-4.0
	6.0		1.4-3.0
	8.0		0.6-1.0
	10.0		0.4-0.8
Aluminum	1.0	Nitrogen	32.0-53.0
	2.0		11.0-20.0
	3.0		7.0-10.0
	4.0		3.7-5.0
	5.0		2.5-3.5
Brass	1.0	Nitrogen	27.0-54.0
	2.0		9.0-19.0
	3.0		4.0-10.0
	4.0		2.0-4.5
	5.0		1.1-2.5
Copper	1.0	Oxygen	24.0-37.0
	2.0		6.0-9.0
	3.0		1.6-3.8



۰۲۱-۴۱۴۰۳



www.laserpkm.com



(Above parameter is for reference only. The quality of materials, pressure during cutting, and profile designing, etc. will affect cutting speed.)

Cost Analysis

Items	Cutting of stainless steel (1mm)	Cutting of carbon steel (5mm)
Electricity expenses	RMB 25/h	RMB 25/h
Expenses of cutting auxiliary gas	RMB 16/h (N2)	RMB 10/h (O2)
Expenses of protective lens and nozzle	RMB 0.4/h	RMB 0.5/h
Total expenses	RMB 41.4/h	RMB 35.5/h

If the assisted cutting gas is the dried compressed air, expenses are the actual operation expenses of the air compressor plus expenses of electricity consumed by the machine tool and consumables like protective mirror and nozzle).

Notes:

1. The electricity expense and gas expense in the table above are based on the price in Foshan, China and prices in different areas will be various;
2. When the machine is cutting other thickness or different metal sheet, consumption of the assisted gas may be different.

产品报价

需方

供方

联系人: _____

报价人: _____

电话: _____

电话: _____

邮箱: _____

邮箱: _____

地址: _____

地区: _____

购买机型: _____

激光器功率: _____



۰۲۱-۴۱۴۰۳



www.laserpkm.com



方案总造价: ____ 佰 ____ 拾 ____ 万 ____ 仟元整 (RMB: _____,000.00 元)

含税 不含税 (此报价单一个月内有效)



۰۲۱-۴۱۴۰۳



www.laserpkm.com

