

浙江光泰激光器切割速度工艺数据表

| 材料 Material | 厚度 Thickness (mm) | CYL-1000/S | CYL-1500/S | CYL-2000/S | CYL-2000/S | CYL-2500/S | CYL-3000/S |
|----------------|-------------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | 输出纤径 20um | 输出纤径 50um | 输出纤径 50um | 输出纤径 100um | 输出纤径 100um | 输出纤径 100um |
| | | 切割速度 | 切割速度 | 切割速度 | 切割速度 | 切割速度 | 切割速度 |
| | | (m/min) | (m/min) | (m/min) | (m/min) | (m/min) | (m/min) |
| 碳钢 (氧气) | 1 | 7.0-9.0 | 7.0-11.0 | 7.0-12.0 | 7.0-12.0 | 7.0-12.0 | 7.0-12.0 |
| | 2 | 5.0-6.0 | 5.0-6.5 | 5.0-6.5 | 5.0-6.5 | 5.0-7.0 | 5.0-7.0 |
| | 3 | 2.5-3.0 | 2.8-3.8 | 3.0-4.6 | 3.0-4.6 | 3.2-4.8 | 3.5-5.0 |
| | 4 | 2.0-2.4 | 2.5-3.2 | 2.8-4.0 | 2.8-4.0 | 3.0-4.2 | 3.0-4.2 |
| | 5 | 1.5-1.8 | 1.8-2.5 | 2.2-3.2 | 2.2-3.2 | 2.4-3.4 | 2.5-3.6 |
| | 6 | 1.4-1.6 | 1.6-2.2 | 2.0-2.8 | 2.0-2.8 | 2.2-2.8 | 2.4-3.0 |
| | 8 | 1.0-1.2 | 1.1-1.5 | 1.4-2.0 | 1.4-2.0 | 1.4-2.0 | 1.8-2.4 |
| | 10 | 0.75-0.85 | 1.0-1.2 | 1.1-1.4 | 1.1-1.4 | 1.2-1.7 | 1.2-1.8 |
| | | CYL-1000/S(20UM) | CYL-1500/S(50um) | CYL-2000/S(50UM) | CYL-2000/S(100um) | CYL-2500/S(100um) | CYL-3000/S(100um) |
| 不锈钢 (氮气) | 1 | 15-18 | 10.0-15.0 | 35.0-50.0 | 20.0-28.0 | 30.0-42.0 | 35.0-50.0 |
| | 2 | 4.5-6.0 | 5.0-7.0 | 10.0-15.0 | 9.0-13.0 | 10.0-15.0 | 15.0-23.0 |
| | 3 | 2.0-2.4 | 3.0-4.0 | 5.0-7.0 | 4.0-6.5 | 5.0-7.5 | 7.0-11.0 |
| | 4 | 1.0-1.5 | 2.0-2.8 | 3.5-4.5 | 3.0-4.5 | 3.5-5.2 | 4.0-6.0 |
| | 5 | 0.75-0.85 | 1.2-1.7 | 1.8-2.5 | 1.8-2.5 | 2.0-3.0 | 2.5-4.0 |
| | 6 | | 0.7-1.0 | 0.7-0.8 | 1.2-1.8 | 1.4-2.0 | 2.0-3.2 |
| | 8 | | 0.5-0.7 | 0.5-0.6 | 0.7-1.0 | 0.8-1.1 | 1.2-1.8 |
| | 10 | | | | 0.5-0.6 | 0.5-0.7 | 0.7-0.9 |
| 铝合金 (氮气) | 1 | | 10.0-15.0 | 30.0-45.0 | 13.0-25.0 | 18.0-40.0 | 30.0-38.0 |
| | 2 | | 5.0-6.0 | 10.0-15.0 | 7.0-10.0 | 8.0-12.0 | 12.0-16.0 |
| | 3 | | 2.5-3.5 | 5.0-7.0 | 4.0-6.0 | 4.0-7.0 | 6.5-8.0 |
| | 4 | | 1.4-2.0 | 3.5-5.0 | 2.5-3.5 | 3.0-4.5 | 3.5-5.0 |
| | 5 | | 0.8-1.0 | 2.0-3.0 | 1.4-1.8 | 2.0-3.0 | 2.5-3.5 |
| | 6 | | 0.5-0.6 | 1.5-2.0 | 0.8-1.2 | 1.2-2.5 | 1.8-3.0 |
| | 8 | | | 0.5-0.6 | 0.6-0.8 | 0.6-0.9 | 0.9-1.3 |
| | 10 | | | | | 0.3-0.4 | 0.4-0.7 |
| 铜钢 (氮气) | 1 | | 8.0-12.0 | 12.0-18.0 | 10.0-16.0 | 12.0-18.0 | 20.0-32.0 |
| | 2 | | 3.5-5.0 | 6.0-8.5 | 6.0-8.0 | 6.5-9.0 | 9.0-11.0 |
| | 3 | | 1.5-2.2 | 2.5-4.0 | 2.5-4.0 | 3.0-4.5 | 4.0-6.0 |
| | 4 | | 1.0-1.2 | 1.5-1.8 | 1.6-2.2 | 1.8-2.6 | 3.0-4.5 |
| | 5 | | 0.6-0.8 | 0.8-1.2 | 0.9-1.2 | 1.2-1.6 | 1.5-2.0 |
| | 6 | | | 0.4-0.5 | 0.4-0.7 | 0.7-1.1 | 1.0-1.6 |
| | | CYL-2000/S(50UM) | CYL-2000/S(100um) | CYL-2500/S(100um) | CYL-3000/S(100um) | | |
| 不锈钢 (空气) | 1 | | | 35.0-50.0 | 20.0-28.0 | 30.0-45.0 | 35.0-50.0 |
| | 2 | | | 10.0-15.0 | 9.0-12.0 | 10.0-15.0 | 15.0-23.0 |
| | 3 | | | 5.0-7.0 | 4.0-6.0 | 5.0-6.5 | 7.0-11.0 |
| | 4 | | | 3.5-4.5 | 3.5-4.0 | 3.5-5.5 | 4.0-6.5 |
| | 5 | | | 1.8-2.5 | 1.5-2.0 | 2.0-3.0 | 2.5-4.0 |
| | 6 | | | 0.7-0.8 | 1.0-1.2 | 1.4-2.0 | 2.0-3.2 |
| | 8 | | | | | 0.8-1.1 | 1.2-1.8 |
| | 铝合金 (空气) | 1 | | | 30.0-45.0 | 13.0-25.0 | 25.0-40.0 |
| 2 | | | | 10.0-16.0 | 7.0-12.0 | 10.0-14.0 | 12.0-20.0 |
| 3 | | | | 5.0-7.0 | 4.0-6.0 | 5.0-7.0 | 6.5-9.0 |
| 4 | | | | 3.5-5.0 | 2.5-4.0 | 3.5-5.0 | 4.0-5.5 |
| 5 | | | | 2.0-3.0 | 1.4-1.8 | 2.0-3.0 | 2.5-3.5 |
| 6 | | | | 1.2-2.0 | 0.8-1.5 | 1.2-2.5 | 1.8-3.0 |
| 铜钢 (空气) | 1 | | | 18-28.0 | 13.0-22.0 | 25.0-35.0 | 25.0-36.0 |
| | 2 | | | 8-12.0 | 6.0-10.0 | 6.5-14.0 | 7.0-10.0 |
| | 3 | | | 1.5-2.5 | 2.5-5.0 | 3.0-8 | 5.0-6.0 |

浙江光泰激光科技有限公司
ZHEJIANG GT LASERS TECH.CO.,LTD.