

LASER FUME EXTRACTION

Product selection chart, find your application and system below.



- Suitable
- Can be used: expect reduced fume clearance and filter life
- Suitable: overcapacity or multiple lasers



LASER CODING

GOOD FUME CAPTURE ENCLOSURE

| | | | | | | | | | | | | | | |
|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| < 200 codes/min | | | | | | | | | | | | | | |
| 200-500 codes/min | | | | | | | | | | | | | | |
| > 500 codes/min | | | | | | | | | | | | | | |

POOR FUME CAPTURE ENCLOSURE (NOZZLE)

| | | | | | | | | | | | | | | |
|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| < 200 codes/min | | | | | | | | | | | | | | |
| 200-500 codes/min | | | | | | | | | | | | | | |
| > 500 codes/min | | | | | | | | | | | | | | |

FLAT BED LASER (ENCLOSED)

LASER BED SIZE (mm)

| | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 400 x 300 | | | | | | | | | | | | | |
| 600 x 300 | | | | | | | | | | | | | |
| 600 x 400 | | | | | | | | | | | | | |
| 800 x 400 | | | | | | | | | | | | | |
| 900 x 600 | | | | | | | | | | | | | |
| 1200 x 600 | | | | | | | | | | | | | |
| 1400 x 700 | | | | | | | | | | | | | |
| 1500 x 900 | | | | | | | | | | | | | |

FLAT BED LASER (OPEN)

LASER BED SIZE (mm) AND % OF BED COVERED BY MATERIAL

| | | | | | | | | | | | | | |
|-------------|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| 1200 x 600 | 50% | | | | | | | | | | | | |
| | 70% | | | | | | | | | | | | |
| | 90% | | | | | | | | | | | | |
| 1500 x 1200 | 50% | | | | | | | | | | | | |
| | 70% | | | | | | | | | | | | |
| | 90% | | | | | | | | | | | | |
| 2400 x 1500 | 90% | | | | | | | | | | | | |

- For PVC applications, only the AD PVC iQ can be used.
- Selection based on standard connection kit.
- A poor enclosure is where less than four sides of process are enclosed.

- For heavy duty application or problem materials (e.g. MDF, PVC) a larger extractor or specialist filters may be required.

- Some laser beds have sectional extraction arrangement where only the required section is extracted from. For this arrangement use the section size as the bed size.