

legend elite series features  
CO<sub>2</sub> waveguide laser tubes by epilog  
(higher beam quality and longer life)

### Epilog Laser's Waveguide Laser Tubes

At Epilog, we've been designing and manufacturing the finest Waveguide laser technology in the world for years, and we are one of the world's largest manufacturers of this type of laser technology. Our lasers produce higher switching speeds, faster rise and fall times, and a better-shaped laser beam when compared to other laser technologies such as glass tubes or free space laser designs.

### How Do Waveguide Laser Tubes Differ?

Quite a bit! From a technical point of view, a Waveguide laser's excellent beam quality is the result of a smaller bore, higher CO<sub>2</sub> gas pressure, less stringent mirror alignment requirements, and faster switching rates than other laser designs. These elements combine to create a laser tube that is longer lasting and produces the most optimal-shaped laser beam in the industry. Additionally, the super-fast switching rate is one of the reasons that an Epilog Laser can engrave so much faster than other laser engravers. This is especially noticeable when engraving grayscale, clipart images or photographs at high speeds.

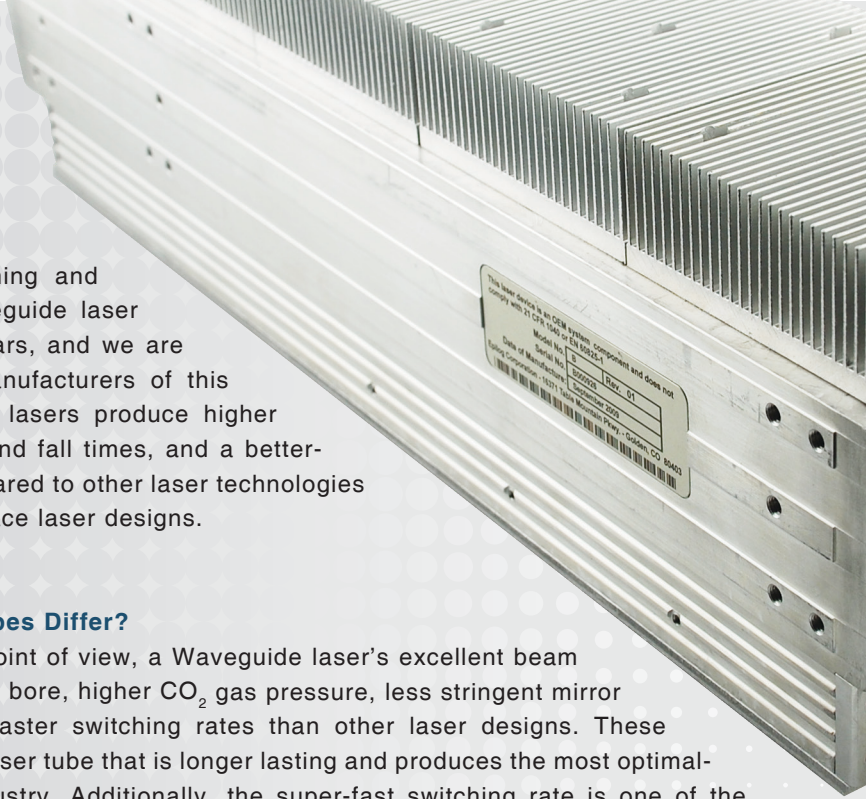
### Longer Life and Lower Repair Costs

Our laser tubes use a combination of better processing, gas chemistry and stringent manufacturing to produce tubes that are known for their longevity. They often last much longer between recharges than other metal tube designs and years longer than glass tube lasers. Servicing your tube is performed by swapping out your old tube for a factory replacement tube. Swapping out tubes is extremely easy to do and the replacement tube you receive is pre-aligned at Epilog, which allows you to quickly swap out tubes and be up and running in no time.

Being a laser manufacturer ensures our replacement costs are among the lowest in the industry, and **your replacement tube carries the only two year warranty in the business.**

### Up to 120 Watts in a Single Laser Tube

If you need a high-wattage laser tube, only Waveguide tubes can provide laser systems with up to 120 watts in a single laser tube design. Companies that can't provide a high-wattage tube design mimic the higher wattage by trying to line up two laser beams from low-wattage tubes - not an optimal solution for long term usage as the laser beams can easily lose alignment and create an unfocused beam. Plus, getting a single laser to fire in exactly the right spot at the right time is difficult enough without worrying about timing the firing of two separate laser tubes so they fire in exactly the same place, at the same time and for the same duration.



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**MADE IN USA**

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