



## Capital Improvements

### PROJECT DETAIL SHEET

**Fiscal Year: 2021**

**Department: School Department**

**Project Title: Epilog Mini 18X40 Laser Engraver**

**Requested Amount: \$ \$15,000**



**Description: A laser engraver will allow the Engineering Program at Hanover High School to engrave on wood, metal, and glass.**

**Project Overview: Laser Cutting is a non-contact process which utilizes a laser to cut materials, resulting in high quality, dimensionally accurate cuts. The process works by directing the laser beam through a nozzle to the workpiece. A combination of heat and pressure creates the cutting action. The material melts, burns, vaporizes, or is blown away by a jet of gas, leaving an edge with a high-quality surface finish.**

**From:** <http://www.amadamiyachi.com/glossary/glosslaser cutting#targetText=Laser%20Cutting%20is%20a%20non,pressure%20creates%20the%20cutting%20action.>

**Financial impact of this project on the department's operating budget: After the first three years, there will be an annual cleaning and maintenance fee. Approx. \$1,000.**

