

# Be Your Company's **HERO**

## Make the Case for Modern Deburring

At **Xebec Deburring Technologies**, we've witnessed how transformative modern deburring is. Sometimes we feel like heroes when we hear how our tools are making a difference. But the credit comes down to those individuals who are willing to fight for modern processes.

Still, heroes tend to face pushback when they're trying to enact change.

"We've always done it this way," the commissioner equivalent at a company may say. "There's no point in changing things right now."

It takes bravery to challenge the status quo. We're asking you: Do you have the courage it takes?

The true enemy of progress in this scenario is the **fear of change**.

The best strategy to combat this fear is to make a case that is not only compelling, but **undeniable**.

The benefits of modern deburring are just that: undeniable. And the rewards are far greater than the risks.

**We've developed this packet to help you make the case at your company – and save the day.**

Let this be your guide as you develop your pitch. Once you've succeeded, reach out to our application experts to design the best solution for your operations. Our application expertise is truly [the secret to deburring success](#).

## What You **Save** with Modern Deburring

### **SAVE** net production time.

Automating deburring and finishing in your CNC machine could [reduce total production time by up to 80%](#) because:

- ➡ The tool [deburrs and finishes at the same time](#), and it's fast, taking the process from hours to minutes and even seconds.
- ➡ The automated process eliminates manual labor and cuts time spent handling parts.
- ➡ The consistency and quality achieved can reduce time needed for QA by up to 50%.

★ **Make the case:** Calculate the net production time of a current run. What difference would it make to eliminate manual deburring and finishing and reduce QA time for this run?

### **SAVE** tool cost and waste.

One Xebec tool can do the work of **dozens of** manual tools and has [a longer life expectancy](#). A \$2 flap wheel may seem more affordable, but 3,000 flap wheels per month means \$6,000 spent on manual tools versus a \$400 to \$600 automated ceramic fiber brush.

★ **Make the case:** Calculate how many tools you use to deburr and finish a part over the course of a month. What does it cost, versus [more durable, long-lasting Xebec tools](#)?

### **SAVE** labor time.

One of the highest [costs of manual deburring](#) is labor. If employees can deburr at a rate of two parts per hour when an automated process can deburr 30 parts per hour, it's easy to see the benefits of automating. You'd save labor time and could reallocate employees to more profitable tasks – or they could get back to their work as machinists and operators.

★ **Make the case:** Calculate labor time spent deburring and finishing parts for a run. What difference would it make to eliminate those manual processes – and how could you make better use of employees' time?

### **SAVE** on rework.

Rework takes time and labor, and it puts a dent in net production time. There's a higher likelihood of rework with manual deburring and finishing, as it's challenging to be consistent working by hand with low-quality tools. With Xebec tools, parts come off the machine exactly as expected – consistently.



**Make the case:** Track the frequency of rework due to deburring and finishing. How does it affect the entire chain of production? Does it add time and hold up key employees? Do you have to pause certain activities while it's resolved? What difference would reliable quality make?

### **SAVE** parts from the trash bin.

Irreparable part damage can occur during handling and while deburring and finishing. The related cost depends on time spent and material cost – which can get high working with metals. With Xebec tools, part handling is minimized and parts are deburred and finished correctly.



**Make the case:** Track how many parts you discard due to damage or overwork for one month. Calculate the cost of time and materials. Imagine the drastic difference in wasted parts if you automated deburring and finishing.



## SAVE operations from labor shortage strain.

A single tool cannot solve the [industry-wide labor shortage](#), but it can relieve some strain for our operations. You want to make the most of your employees' time – and manual deburring and finishing aren't your most profitable tasks. When you automate these tasks, you can:

- ➡ Be more efficient with existing resources
- ➡ Reduce downtime related to limited resources for deburring department
- ➡ Make your facility more attractive to potential hires
- ➡ Enable increased throughput without increasing headcount



**Make the case:** Evaluate the relationship between limited labor and your deburring and finishing processes. Do machinists stop to deburr? Do parts sit for days, waiting to be deburred? Are you struggling to hire for deburring and finishing tasks?

## SAVE your company from losing employees.

Deburring and finishing parts manually isn't easy, and it can affect job satisfaction. When labor is hard to find and keep, you want to optimize labor intensive tasks. Deburring and finishing are prime candidates considering the ease and value of implementing automated tools.



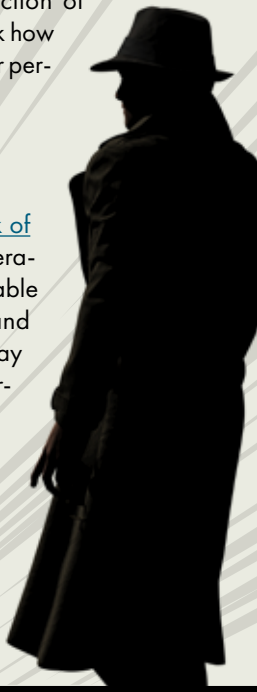
**Make the case:** Gauge the job satisfaction of employees who deburr and finish parts. Ask how it affects their lives and whether they'd rather perform a different task or learn new skills.

## SAVE employees from risk of injury.

Manual deburring and finishing [pose a high risk of injury](#). Employees could experience cuts and lacerations, ergonomic injuries from holding uncomfortable positions and heavy tools, fatigue and strain, and worse. Such injuries are costly and mean days away from work for employees. Automated deburring literally takes the work out of their hands.



**Make the case:** Evaluate workstations. Do employees perform repetitive motions and hold uncomfortable positions? What tools do they work with? Are they reporting fatigue, strain and injury? What is the cost of employee injuries and lost time?



## What You **Gain** with Modern Deburring

**Boost** process efficiency, productivity and profitability.

**Enhance** part quality, [shop floor safety](#) and employee morale.

**Build** resilience into your operations [amid economic uncertainty](#).

**Embrace** the [future of CNC machining](#).

**Overcome** [modern manufacturing challenges](#) such as the labor shortage.

**Eliminate** [common production headaches](#).

**Achieve** [greater sustainability](#) by reducing waste across the board.

**Optimize** how you manage existing resources.

You're being asked to join an elite team of industry innovators (and superheroes).

*Xebec is already on board at top-tier manufacturers in industries such as:*

**Aerospace Powertrain  
Firearms Medical Energy**

What's keeping you from joining them?

Learn more about the Xebec difference at [deburringtechnologies.com](https://deburringtechnologies.com).



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