

Machining

## The Opportunity to Impact Performance While Cutting Costs

Brought To You by Sandvik Coromant | Nov 30, 2018

To help the bottom line, plant and operations managers not only have an opportunity to address costs but can use high quality tooling to boost output in meaningful ways. Use this Sandvik Coromant infographic to see how.

Did you know that a 20 percent increase in machine utilization can boost profit margins by upwards of 10 percent? But it's not as simple as 'more' is better. Increasing utilization is absolutely important and will assist in inventory control as well. Part quality and properly maintained machines are also a very important aspect to keeping machines humming along productively.

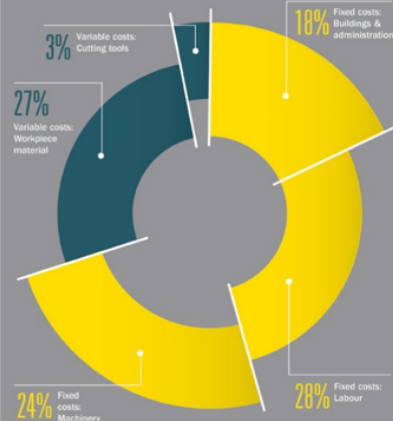
In that respect, the quality can improve profitability both on the shop floor and for your customer, making you a more competitive supplier. Many of *today's tools* are designed to match the high-throughput rates of multi-axis machines—and are meant to run at higher speeds and feeds while maintaining part quality that is above industry standard.

Help justify the need for high-quality, top-performing tools with this infographic from *Sandvik Coromant*.

# Manufacturing economics

No matter how sophisticated or brilliant a technical solution is, manufacturing economics is what determines your company's profitability in the end. As production is most often the largest cost for a manufacturing company, the choice of manufacturing strategies and technical solutions in production is of great significance to total profitability.

The split between fixed and variable costs in your production



Focusing on the key cost drivers will have a major impact on your profitability.

What will have the biggest impact on your profitability?



Sandvik Coromant can help you maximize your profitability by analyzing and acting on the most important cost drivers in your production.

## Improving machining capacity

Out of the day's available 24 hours we use 24% or 5.8 hours for cutting metal, which is the time when the workshop adds value.

HOW CAPACITY IS USED OVER A WORKDAY WHEN RUNNING TWO SHIFTS

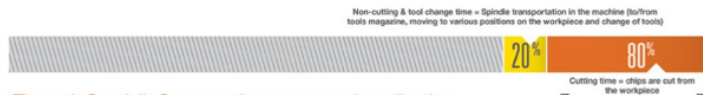
### Division of production time and non-production time



### Use of production time



### Use of machining time



Through Sandvik Coromant's process and application knowledge and services we can work on reducing the non-cutting time and maximize the machining time.

The actual cutting time equals 24% or 5.8 hours of the 24-hour day, when running two shifts.

### Did you know?



## Conclusion

To achieve major savings it is important to shorten the production time and increase the utilization of the machine tool.

## **Spotlight on Tooling**

Here are the top articles on the choice of tools and productivity on Better MRO:

*Get Lean: Choose Better Tools, Compress Time, Deliver On Time*

*How to Slash Cycle Times When Cutting Metal*

*Ask an Expert: How Do You Measure the Value of Tooling?*

*Tooling Costs: Time to Move Past Purchase Price*

*How to Maximize Machine Productivity with Tool Holders*

*Overcoming the Top Technical Challenges in Metalworking*

*Learn How to Push Your 5-Axis Machine's Output*

*Lean Manufacturing: Improving TPM With OEE Calculations and Methods*

*How does your shop or plant examine its costs? Share your experience.*

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