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How much productivity is lost every day by using the wrong rotational speed?

The RCK drive system from PFERD TOOLS makes the rotational speed a key factor in ensuring economical, stable and efficient processes

Many manufacturing and maintenance processes fail to exploit a key lever for reducing costs: using the correct rotational speed. In practice, it often determines whether a process can be performed economically or ends up taking too long and costing too much. This is precisely where the opportunity lies for manufacturing companies, as those who understand the impact of rotational speed and use it precisely work not only more cleanly, but also faster and with greater safety – not to mention more economically.

How the optimum rotational speed range ensures economic efficiency

With its RCK drive system, PFERD TOOLS offers a solution designed with this very lever in mind. Key benefits for users include its smooth operation, low weight and significantly reduced noise emissions. However, it's not until you start using it that the real WOW effect becomes clear. With many conventional drives, the rotational speed – and therefore also productivity – both fall when the tool is under load; the tool works outside its optimum range. However, the RCK drive system maintains a constant rotational speed, even under load, and ensures that the tools always work within their ideal performance window – keeping productivity high and ensuring economical machining. This shift away from replaceable products in favour of effective cost-cutting solutions really pays dividends, particularly in challenging economic times.

Not just a drive – a sophisticated system

The RCK drive system consists of a mobile control device and a range of handpieces designed for many different applications and tool types. While the RCK drive system can run on mains power in the traditional manner, it can also be used flexibly in battery mode, no matter where you happen to be working.

The stepless rotational speed control, together with handpieces designed for up to 80,000 RPM, give users a wide range of rotational speeds to choose from. Programmable presets enable them to save the combinations they use most often and help to prevent the product being used incorrectly.

When the rotational speed becomes a success factor

The RCK drive system systematically prevents any loss of productivity caused by incorrect or declining rotational speeds. It speeds up machining cycles, keeps productivity stable and ensures processes run efficiently.

The RCK drive system shows how PFERD TOOLS' traditional application expertise adds real value, by providing innovative solutions that improve workflows, reduce errors and increase productivity.

Images



Can be used anywhere thanks to the powerful battery – the RCK drive system from PFERD TOOLS



The RCK drive system from PFERD TOOLS lowers production costs.

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