

for a greener tomorrow



## Give your electricity meter a break.

Up to 50 % efficiency!

### Miracle of efficiency

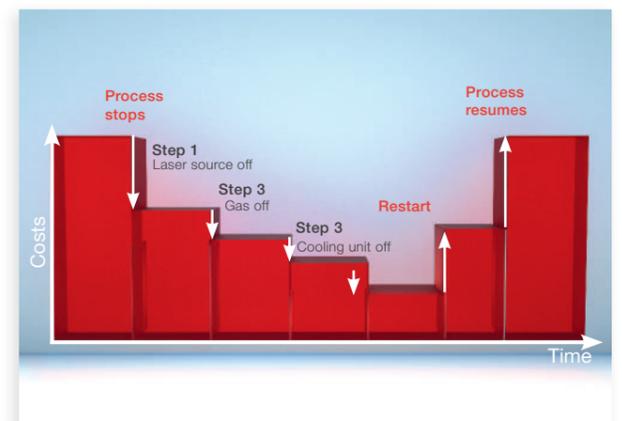
Owing to the high conversion efficiency of the Fiber laser, you can slash your electricity bill. The energy efficiency achieves values of between 40 and 50 % – exceptional for laser technology.

### Cutting operating costs with energy-saving control and drive units

Energy savings have been achieved with perfectly matched Mitsubishi Electric control and drive units.

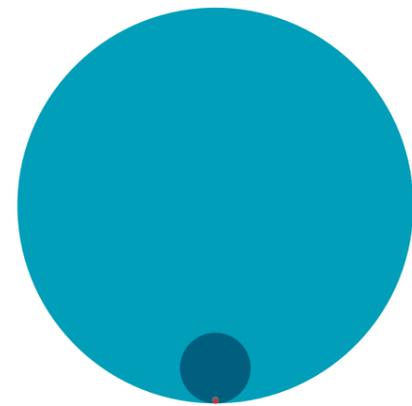
### ECO mode

During idling, the intelligent ECO mode switches step-by-step into standby. In standby mode, costs can thus be cut by up to 70 %. Reactivation of the laser system takes approx. one minute.





### Comparison of particle sizes



- Hair 70µm
- Dust 10µm
- Smoke 1µm

Filter performance of the exhaust system 0.5µm

## Operator health and the environment benefit

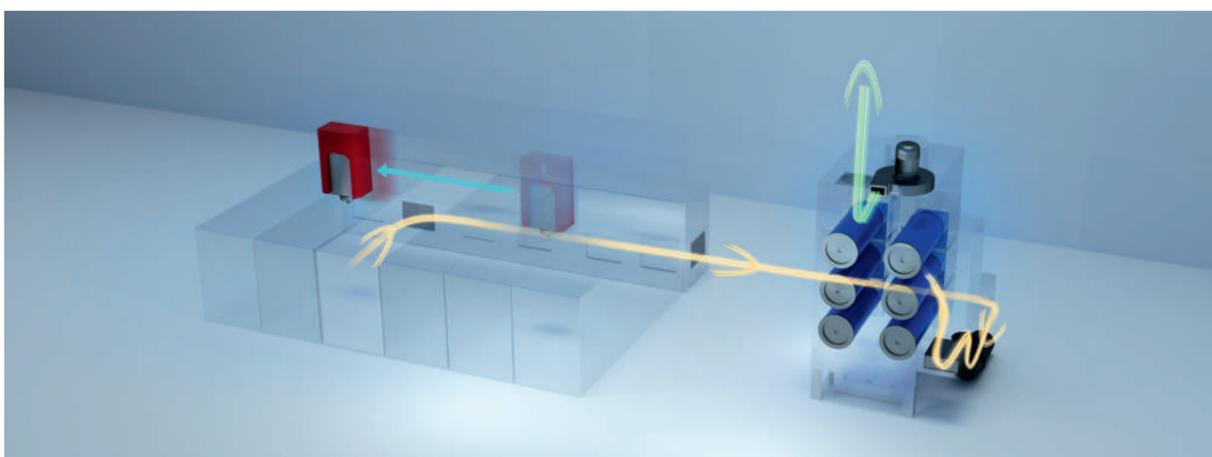
from Mitsubishi Electric.

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#### Better to exhaust fumes with targeted control of the individual area that really matters

The fumes arising during the cutting process are exhausted reliably and, depending on the position of the processing head, locally and passed through a filter system with a purity rate of 99.999 % (minimum particle size 0.5 µm) – and with minimal maintenance effort. The outcome is clean air – safe for the operator and the environment.



Laser cutting systems