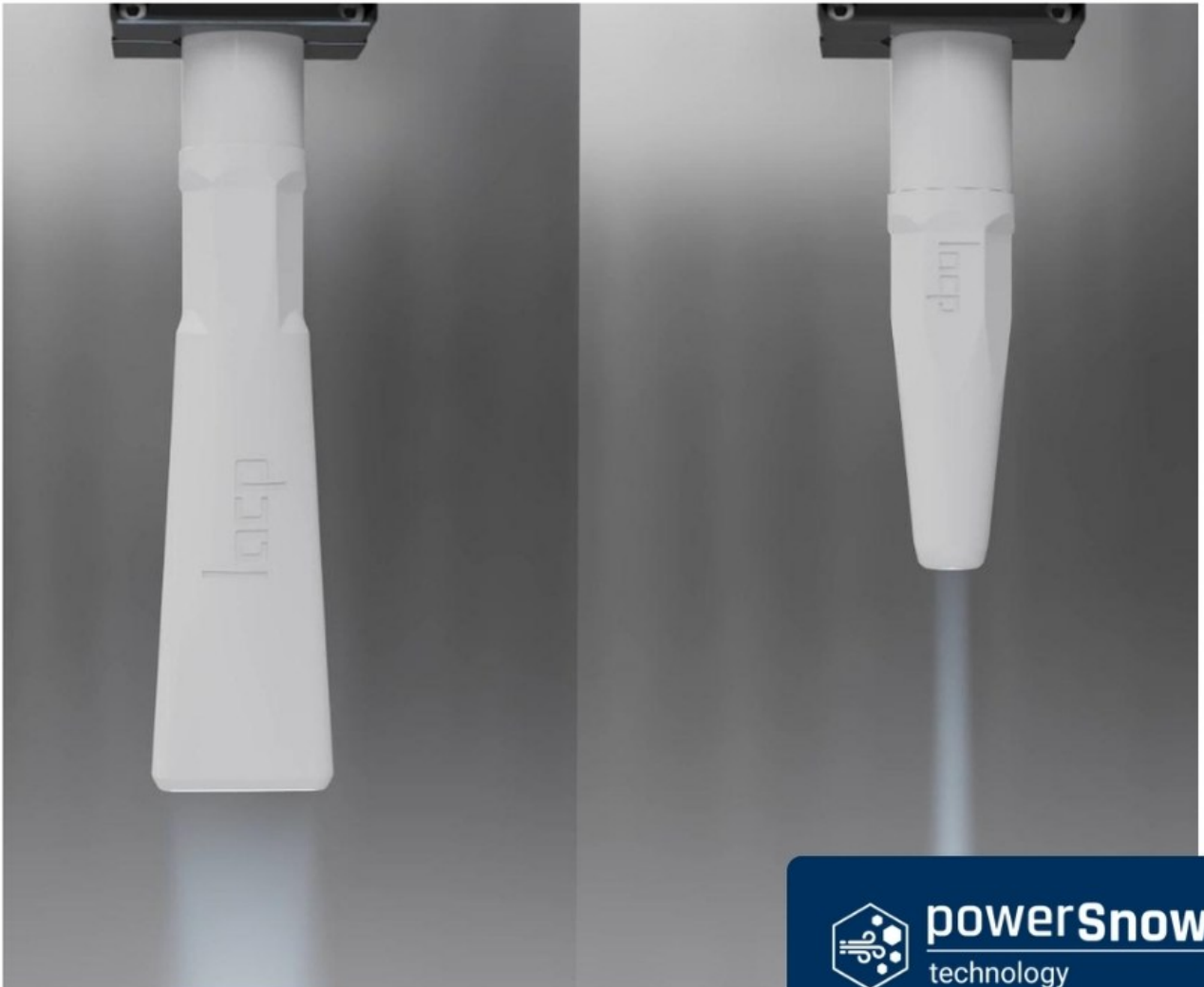
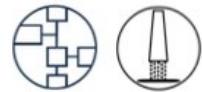


powerSnow for high performance cleaning

Automated, inline cleaning & deburring
with CO₂-granules

acp systems AG -
technology leader for advanced clean production



powerSnow
technology



powerSnow cleaning with CO₂-granules

Dry, automated and integrated, supplied by Carbon Dioxide in the liquid phase

What is the difference between snow-jet and powerSnow cleaning?

Top line summary

- Both processes are based on the quattroClean technology operated with liquid Carbon Dioxide
- powerSnow utilises granules while snow-jet uses snow
- The mechanical impulse of the CO₂-granules is much higher than the impulse of the CO₂- snow and can have an abrasive impact
- Both processes are fed by liquid Carbon Dioxide and can be perfectly automated
- While the quattroClean snow is generated at the exit point of the nozzle, powerSnow is generated before exiting the nozzle
- A cyclic process operation can be implemented effortlessly

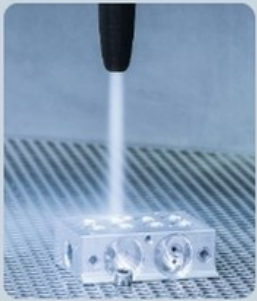


powerSnow JetStation for automated cleaning and deburring of parts with a powerSnow jet nozzle incorporated.

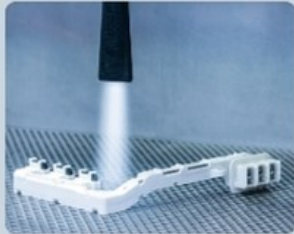


Applications & examples

Removal of adhering burrs and residues on the surface and hole cuttings



Cleaning and removal of overmolding and plastic burrs on a plastic overmolded metal



Removal of residues after injection molding and hot stamping process (plastics)



Removal of burrs on plastic components, also on mechanically stressed surfaces



Removal of adhesive residues on various materials, e.g. metal, wood, plastics



Removal of coatings and excess glue from a wide variety of materials





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Portfolio

From manual systems to customer
tailored production lines

Automotive

Plastics industries

Micro- and precision machining

Additive manufacturing

Electronics

Medical technology

Injection molding and hot stamping

Battery production

powerSnow technology with CO₂-granules can be integrated into each of our standard products. From manual applications to customized, automated special machines, production systems can be equipped with our technology.

The combination of powerSnow and quattroClean snow-jet cleaning is also possible.



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