

FlushPACK

Innovative filter strategy for additive production processes (SLM)



THE CONCEPT

FlushPACK stands for **Flushing, Passivating And Cleaning Kit** – an innovative filter system from HYDAC. The unique concept, specially developed for laser welding fume filtration in additive production processes, impresses with its passivation of hazardous welding fume particles. This involves the respirable and highly reactive particles being wetted with a special passivation fluid, which prevents them from being released into the ambient air.



YOUR BENEFITS

Health and safety at work improved, thanks to

- ✓ patented passivation of the reactive dirt
- ✓ eliminating the need for additional personal protective equipment (PPE)
- ✓ avoiding the fire hazard when filters are changed



Simple spent filter reutilisation, thanks to

- ✓ reutilisation concept via HYDAC



Cost reduction in operation, thanks to

- ✓ long service life
- ✓ rapid and safe filter change
- ✓ elimination of additional disposal costs



Improved component quality, thanks to

- ✓ stable process parameters (constantly low temperatures and high gas cleanliness)
- ✓ intelligent cleaning cycles



Filters can be used for any powder material, thanks to

- ✓ special filtration concept

Improved profitability and product quality