

CAD SIEVE

A practical solution for automated SLS powder sifting and post-processing of SLS prints

CADMIA
TOOLS

- Convenient automated process
- Unique CakeBreaker function
- High capacity
- Touchscreen control
- Compact and easy to handle

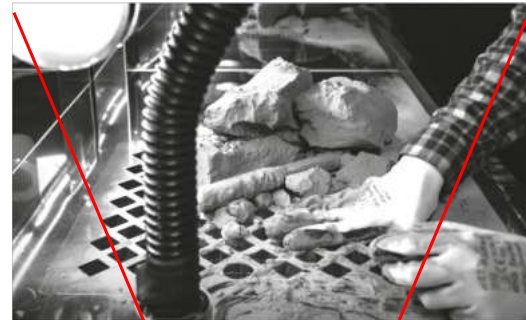


Efficient SLS Powder Sieving and Print Processing Without Compromise

- Automated sieving of SLS powders with high efficiency
- Integrated CakeBreaker function for breaking up hardened material
- Compact design suitable even for smaller facilities
- Touchscreen control for easy and intuitive operation
- High throughput and processing speed without manual intervention



Typical workflow



Manual breakdown of the cake



Repeated labor-intensive sieving in a low-capacity sieve



Hand transfer to bucket

Traditional workflow requires significant manual effort and time

Sieving and Cleaning in One

CADsieve is a practical 2-in-1 solution combining SLS powder sieving with CakeBreaker for cleaning 3D prints. This significantly shortens post-processing and reduces repeated manual handling. The process runs automatically, saving labor and time.



Safe and Clean Operation

The automated and enclosed sieving and cleaning process ensures complete safety for both operators and the working environment. By minimizing handling of powder and printed parts, the workspace remains clean and organized. Intuitive controls and a compact design make the device easy to operate and handle.



High Compatibility and Versatility

CADsieve is fully compatible with CADmix II, ensuring seamless integration into your 3D printing workflow. Beyond SLS applications, it offers versatile use across various tasks, making it a flexible and reliable assistant in any workshop.



Speed and Capacity

With CADsieve, you achieve high sieving capacity, allowing for rapid powder processing. One of its key advantages is the ability to adjust sieving fineness thanks to interchangeable screens. This lets you tailor the mesh size precisely to your specific needs.



CADMIA TOOLS

Accessories and peripherals for SLS 3D printing developed and manufactured by CADMIA 3D

CADsieve

CADMIA TOOLS

Compact 2-in-1 solution for sieving SLS powders and cleaning prints



CADgen MAX

CADMIA TOOLS

For in-house nitrogen production, tailored for SLS 3D printing



CADgen PRO

CADMIA TOOLS

Compact nitrogen generator developed for professional use



CADmix II

CADMIA TOOLS

Second-generation unique solution for flawless refreshing



CADmix I

CADMIA TOOLS

Automated solution for efficient refreshing



CADcyclone

CADMIA TOOLS

The most efficient print powder separator



SLS 3D print,
that you
will enjoy!

CADMIA 3D, s.r.o., Nádražní 1958/48d, 785 01 Šternberk, CZ
info@cadmia3d.cz | www.cadmia3d.cz

CADMIA 3D