

**WE
VACUUM
EVERYTHING**



DOSING FOR METAL-3D- PRINTING

**Filling
of metalpowder**

TASK

The customer uses laser beam melting or selective laser melting (SLM) and laser metal deposition (DMD) as core processes. A suction device is required for feeding the material into the system's material supply. The suction unit extracts excess dust that is produced during manual filling.



SPECIAL FEATURE / ADVANTAGES

- | When the powder is filled into the storage containers, which are located outside the work area, the operator use the suction arm of an industrial vacuum cleaner.
- | The pure powder can then be reused.
- | Various suction nozzles are available for cleaning in the work area, which is required after each component.
- | The industrial vacuum cleaner type R01 R is also equipped with a dust class H filter.

OUR SOLUTION

Industrial vacuum Type R01 R

- | Housing: GRP
- | Motor power: 7,5 kW
- | Air flow: 530 m³h
- | Residual dust filter: 3,2m² dust class H