

PROFILTR

Powerful Industrial Cleaning

Efficiency in Every Situation



Stationary industrial high-pressure vacuum cleaner

Discover cutting-edge technology for effective cleaning

Innovative solutions for industrial cleaning needs

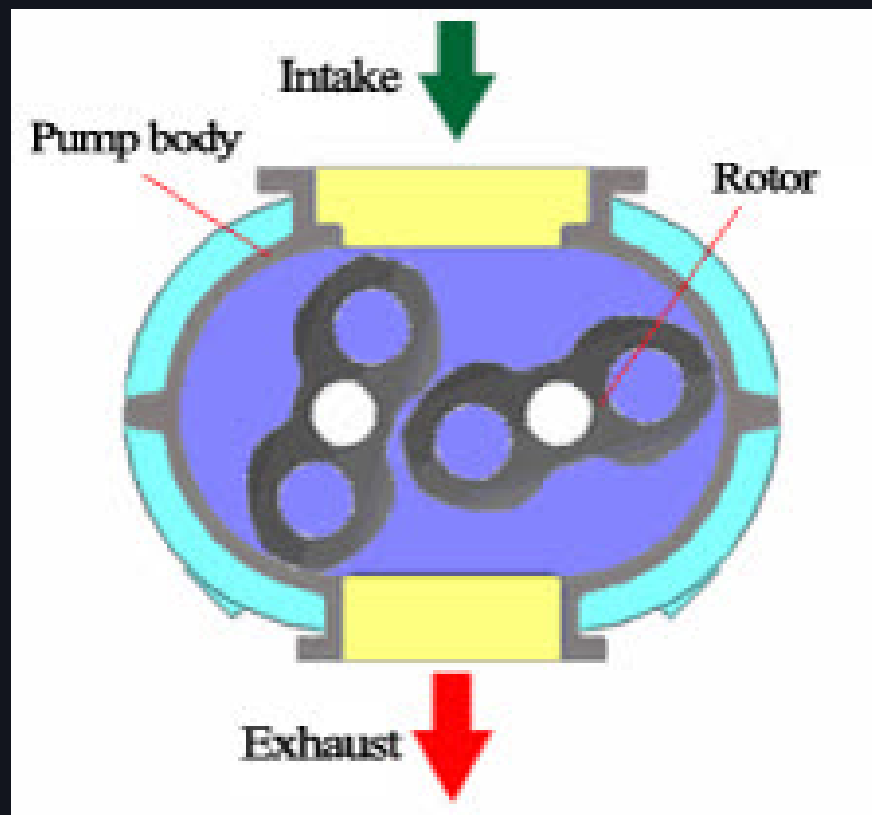
- The cleaning of dust layers in industrial facilities.
- A solution for very fine, abrasive, explosive, or even moist and sticky dust.
- The ideal solution for collecting dust from multiple locations into a filtration system.
- It is applied in the collection of bulk material left from manufacturing operations.



Powerful and highly durable equipment construction.

Main elements of the construction

Powerful ROOTS vacuum pump



Two-stage material separation, cyclone, and filter in a very durable design



Containers (silos) for separated material



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The device parameters are designed based on the customer's requirements.

- The pipe lengths and the most distant connection points can be up to 300m – practically verified.
- The device can be configured for one or more extraction points.
- The device can be started remotely through automatic detection.

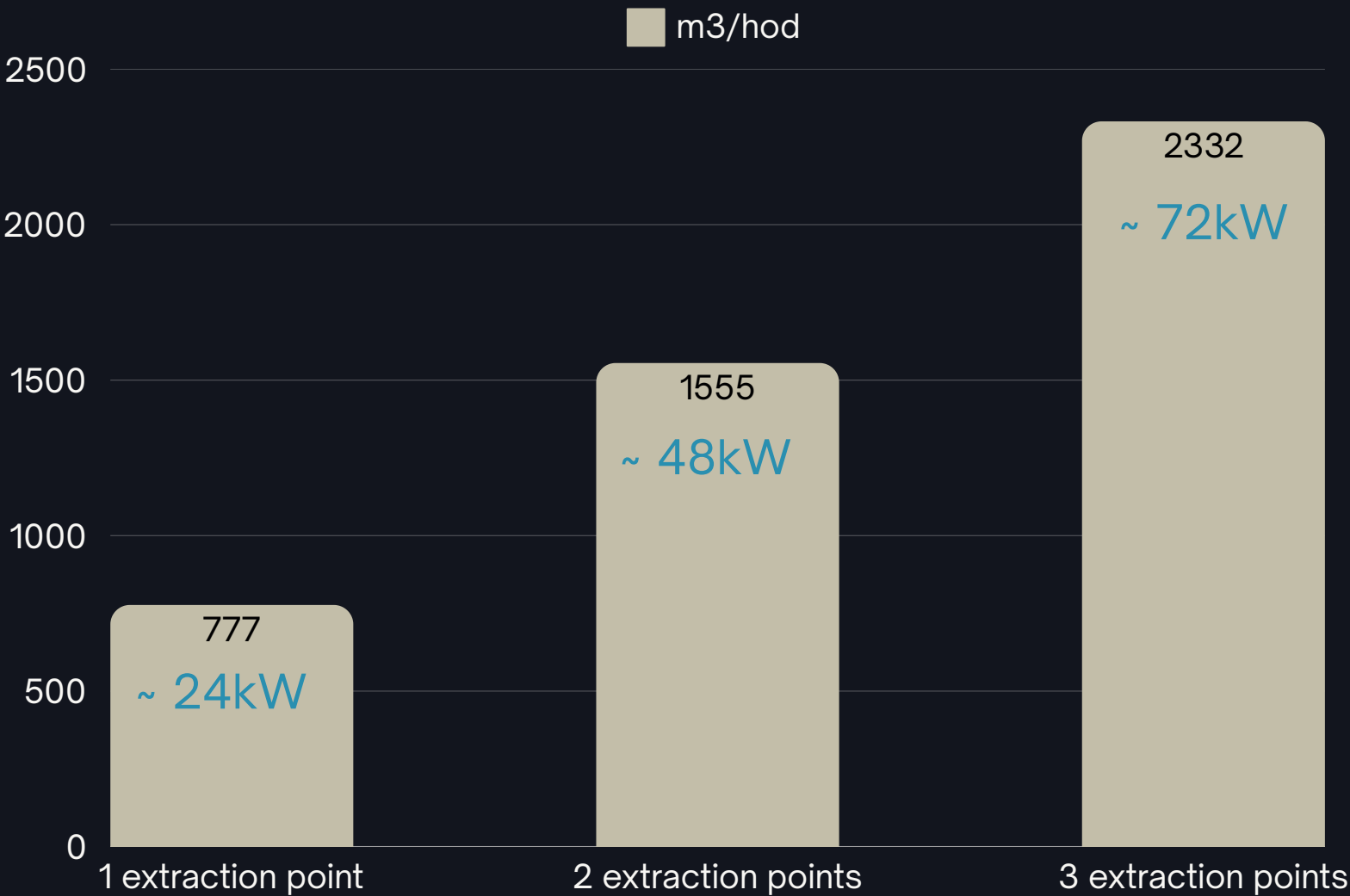


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Example of the performance of an industrial vacuum cleaner

Constant values:
Vacuum: 50kPa
Flow velocity: 40m/s
Inner pipe diameter: 83mm

For pipe lengths up to 300m



Reference installation 01



Dust collection and cleaning of foundry workshops

Extraction points: 2
Pipe length: 250 - 300m
Installed power: 55kw

Reference installation 02



Dust collection and cleaning of ceramic industry

Extraction points: 2
Pipe length: 250 - 300m
Installed power: 55kw

Reference installation 03



Dust collection and cleaning In the quarry

Extraction points: 1
Pipe length: 100 - 150m
Installed power: 22kw