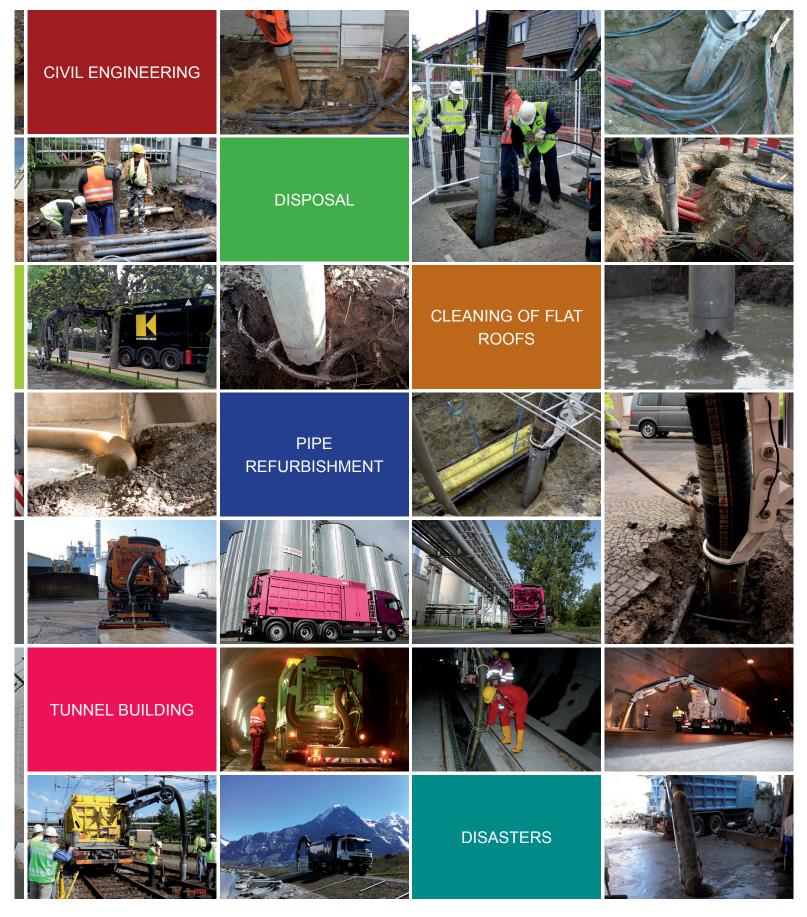


## SUCTION EXCAVATORS – A WEALTH OF APPLICATIONS.

Suction excavators represent the alternative solution to conventional manual digging. They can fully exploit their advantages when the task involves the enlargement, removal or demolition of energy, water and gas supply networks in intra-urban areas. Cities and municipalities put suction excavators on the job to clean



shafts, canals, wells, or gullies. Suction excavators are best suited for operation in industrial installations because that is where safety has the highest priority. Suction excavators have already proved their worth in renovation projects and as surface cleaners, at railway construction sites and in garden and landscaping works.



## **ECONOMIC EFFICIENCY.**

Suction excavators are in every respect the low-cost alternative to conventional manual digging or excavation work. They ensure space-saving, quick and safe operation in many industrial areas or in applications used by the public. Their advantages are quite obvious from an economic point of view. Municipalities, enterprises, private and public clients can considerably cut down on costs since there is no more need to do cost-intensive manual excavation work and use additional machines such as dredgers, transport vehicles and compressors.

## PATENTED SUCTION PRINCIPLE.

RSP's internationally patented suction principle guarantees the highest degree of gravity separation, lowest load on the filters and thus consistently high suction performance. The fan generates an air flow of up to 44,000 m<sup>3</sup>/h\* and a maximum vacuum of 55,000 Pa\*. The suction hose can be moved three-dimensionally via a hydraulically operated boom. The air current removes all material through the suction crown. All types of media can be sucked up, solid materials up to 250 mm in diameter.

\*depending on the suction power installed

