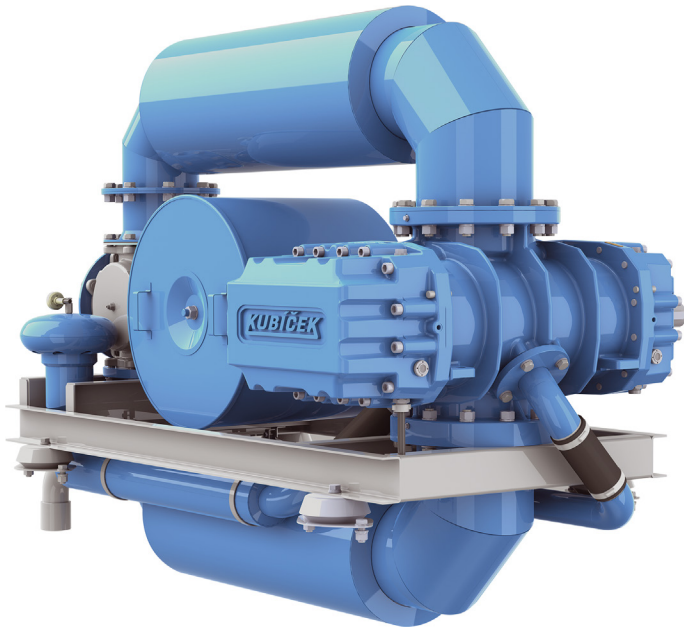


Mobile applications

Our own design department is involved not only in development of standard units for use at WWTPs but also in designing units for special applications such as **car superstructures and special autonomous mobile exhaust station.**



APPLICATIONS:

- Repairing and cleaning cars of Road technology
- Pneumatic conveying of bulk materials
- Transportation and compression of gases (including ATEX)
- Suction dredgers
- Mobile pumping stations

MAIN ADVANTAGES:

Customized solutions for the required technology and customer requirements in combination with all the advantages of standard units ensures satisfaction on both sides and seamless operation.

- Low operating costs
- User friendly design
- Minimum built up area
- Low noise
- Long service life
- Extra fast customer service

Offer with informative character.

SCOPE OF DELIVERY:

(may change according to technical design)

- ROOTs blower
- Unit frame
- Flexible pads
- Inlet silencer with filter
- Discharge silencer
- Safety or integrated safety and start-up valve
- Backflow valve
- Flexible connection on outlet
- Electromotor / hydraulic motor / diesel generator
- V-belt drive with protective cover, coupling, cardan shaft
- Oil filling
- Anchoring material

OPTIONAL EQUIPMENT:

- Acoustic cover for indoor and outdoor environment, including suction and discharge gauge
- Heat exchanger / intercooler

PARAMETERS:

Working pressure	$\Delta P = 0-100\text{kPa rel. (overpressure)}$ $\Delta P = 0 \text{ to } -80 \text{ kPa rel. (vacuum)}$
Volumetric flow rate	$Q = 40-20\,000 \text{ m}^3/\text{hod}$
Motor power	$P_1 = 0,75-500 \text{ kW}$
Discharge connection	$DN = 80-500$