



INDUSTRIAL VACUUM SYSTEMS

CatalystVac

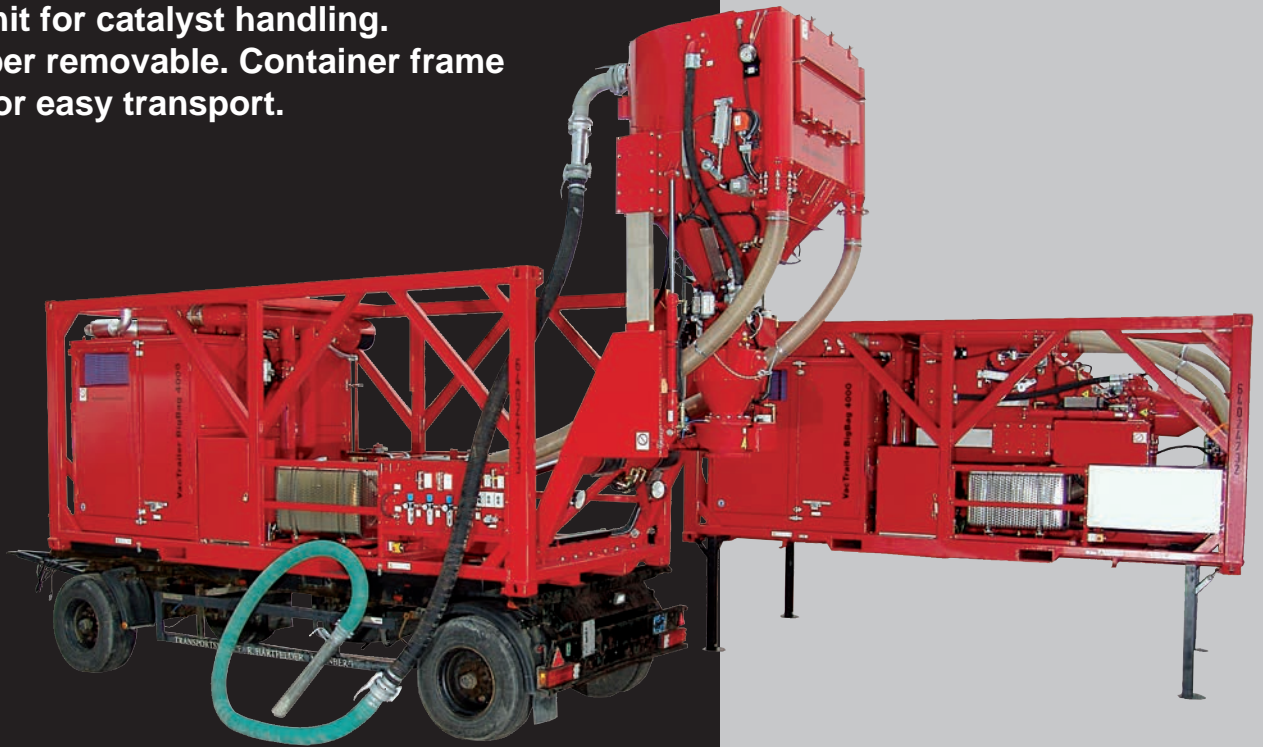
Extraction of catalyst from your reactors and tanks



Reducing the Down-Time of your Plant

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**Vacuum unit for catalyst handling.
Filter hopper removable. Container frame
mounted for easy transport.**



VacTrailer 4000 Diesel Cat
maximum airflow of positive displacement vacuum pump 4000 m³/h
maximum vacuum 550 respectively 900 mbar
driven by 84 kW or 125 kW
Diesel engine.

The unit is designed for the extraction of catalyst from reactors in the petrochemical industry. If pyrophorous catalysts are handled the reactor is filled with nitrogen in order to avoid that the catalyst inflames during contact with oxygen (air). The unit is equipped with a nitrogen cooler in order to cool down the nitrogen when it exits the pump. The expensive nitrogen is fed back to the reactor.

In working position the container frame is placed on the ground. The intercept hopper is removed by a fork lift truck or crane and is positioned adequately by means of the extendable legs to enable proper discharge into drums or other containers for dangerous goods. The vacuum unit is connected to the hopper by means of a flexible hose.

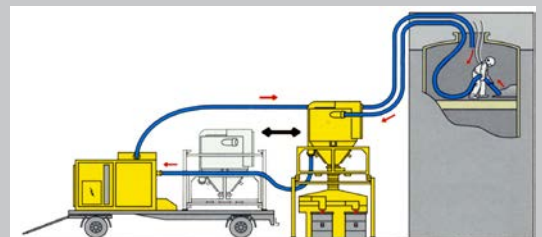
Trailer mounted vacuum unit, filter hopper removable.



The units are mounted on trucks, trailers or container frames.



High suction and filter performance during discharge of reactor towers. Suction operation under nitrogen atmosphere. The nitrogen is fed back to the reactor. Suction performance up to 10t/h.



Discharge of a reactor under nitrogen atmosphere. The cooled nitrogen is returned to the reactor.

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