CatalystVac

Extraction of catalyst from your reactors and tanks

Reducing the Down-Time of your Plant

**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.

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