

# Stand-Alone PCT (Pollution Control Technology)



## Stand-Alone PCT (Pollution Control Technology)

Stand-Alone PCT as a self-sustaining retrofitting machine for existing Gerlach vulcanisation machines. Increasing requirements for air pollution control require alternative solutions for existing machines that do not have integrated exhaust gas cleaning.

The Stand-Alone PCT will be adapted to the existing vulcanisation machine and allows local exhaust gas purification. The recirculation mode of the machine reduces energy costs, while at the same time the exhaust gas heat supplies additional energy recovery potentials for your processes.

## MACHINE HIGHLIGHTS

- Exhaust gas purification on existing Gerlach machines
- Energy recovery in air recirculation mode possible
- Cost savings compared to a central cleaning
- Energy recovery possible through heat exchanger
- Supply- and exhaust air fans additionally usable
- Compact and self-sustaining machine design
- Natural gas heating LNG / LPG according to Euronorm
- Machine operation via touch panel

## MACHINE DATA Stand-Alone PCT

Machine dimension LxWxH	2500x1200x1900 mm
Machine weight	1500 kg
Heating	Gas
Burner power	90 kW
Electrical connection	230/400 V, 3ph, 50 Hz, PE+N*
Machine design	CE standards, DIN standards

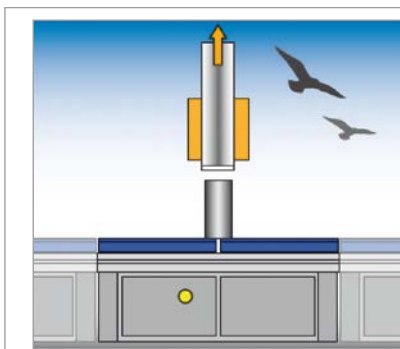
## MAIN STANDARD EQUIPMENT

Heat-insulated cleaning chamber and exhaust system	yes
Fresh air fan frequency controlled	yes
Recirculation fan frequency controlled	yes
Electrical control cabinet integrated	yes
Machine control touch, PLC	Siemens*, S7-1200

\* or customised

## CONFIGURATION OPTIONS

- Fan technology as floor or stage mounted version possible
- Fresh air supply for existing machine burners possible
- Operating principle in fresh or recirculation mode
- Integration into your machine control possible
- Customer energy recovery possible for heating or cooling processes



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