



LTG Compacting Power Screw

Compacting Power Screw Type CPS 200

Compacting and discharging fine dust and short fibers.

The LTG AEROB Compacting Power Screw type CPS is used as **discharge unit for dust and fibers in connection with separators** such as **cyclones**, **dust separators**, **jet filters** and **hose filter systems** and **fine filter systems**.

It permits the removal of fine dust and material with short fibers without letting those substances contaminate the surrounding area.

Functional description

The separated material drops into the feeding hopper of the CPS and is then picked up by a horizontally aligned compacting screw. The compacting screw, which is powered by a gear motor, presses the material **through a spring-loaded diaphragm**, thereby compacting it.

To ensure that the unit is sealed off to the outside the screw must always be filled with waste.

The Compacting Power Screw type CPS is **delivered ready for installation** and **including all components and connection parts** necessary for installation and plug-in.

Various types of discharge can be either:

1) Discharge into container:

Containers are used to collect compacted material.

2) Discharge into bags:

The compacted material is either discharged into plastic bags of Big Bags. In the case of overflow the waste is discharged to the front.

Advantages

- Large material capacity
- Robust design
- Dust-free material discharge with compacting ratio of 2-3
- Dust-free material discharge for pressure differences up to 20? wg. (5000 Pa)
- Continuous operation ? no fluctuation of pressure in the system



[» Spare Parts Power Screw CPS \(PDF\)](#)

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