

# GraviCon 3000 CP-H

## Volumetric dosing unit for free flowing materials

**Dosing units of the CP-H series are especially designed for extrusion and allow the conveying of free-flowing Materials such as, millbands, wood flour, and flakes form.**

The housings have a solid design and are made of stainless steel No. 1.4301. The plastic cylinders and conveying screws are exchangeable and can be adapted to material type and feed rate.

Due to a special sealing and positioning of conveying screw towards drive motor, material leakage on the side of drive motor is not possible.

The unit allows quick and easy disassembling and cleaning. For this process the drive component can be moved aside.

AC motors are generally equipped with separate frequency converter (speed control range 1:30).

**Available on request:**

Step motor (control range 1:400).

Available as option incl. sample extraction plus additional security package.

**The conveying capacity of the device depends on:**

- Material form and graining
- Specific weight of material
- Dimensional weight of material
- Surface structure of material

**Features**

- Simple mechanical design
- Nearly 100% screw filling level
- Recipe changing without tools
- Low wear and maintenance
- Quick emptying & cleaning
- External motor – no bulk material heating
- Wide throughput range
- Excellent price/performance ratio



## **Product range:**

<b>Type of device</b>	<b>Screw / leaf Screw versions</b>	<b>Throughput* min. / max.</b>
<b>GraviCon 3000 CP-H30</b>	Spiral with pitch: xx mm	10 – 100 kg/h
<b>GraviCon 3000 CP-H42</b> <b>GraviCon 3000 CP-H42</b> <b>GraviCon 3000 CP-H42</b>	Spiral with pitch: xx mm Spiral with pitch: xx mm Spiral with pitch: xx mm	10 – 250 kg/h 10 – 500 kg/h 10 – 750 kg/h
<b>GraviCon 3000 CP-H60</b> <b>GraviCon 3000 CP-H60</b>	Spiral with pitch: xx mm Spiral with pitch: xx mm	50 – 1000 kg/h 50 – 1500 kg/h
<b>GraviCon 3000 CP-H100</b> <b>GraviCon 3000 CP-H100</b>	Spiral with pitch: xx mm Spiral with pitch: xx mm	100 – 2000 kg/h 100 – 2500 kg/h

**\* Material: PE pellets, apparent density up to 570 g/L**