

Inventory Control Unit



With an Inventory Control Unit it is possible to measure the unknown throughput of a process. Two operation modes are available:

Throughput measurement:

An unknown mass flow is given from above into a weigh hopper and the weight is being detected. The weights of the fillings are summed-up and given out by the operator unit. Afterwards the material is dumped downwards.

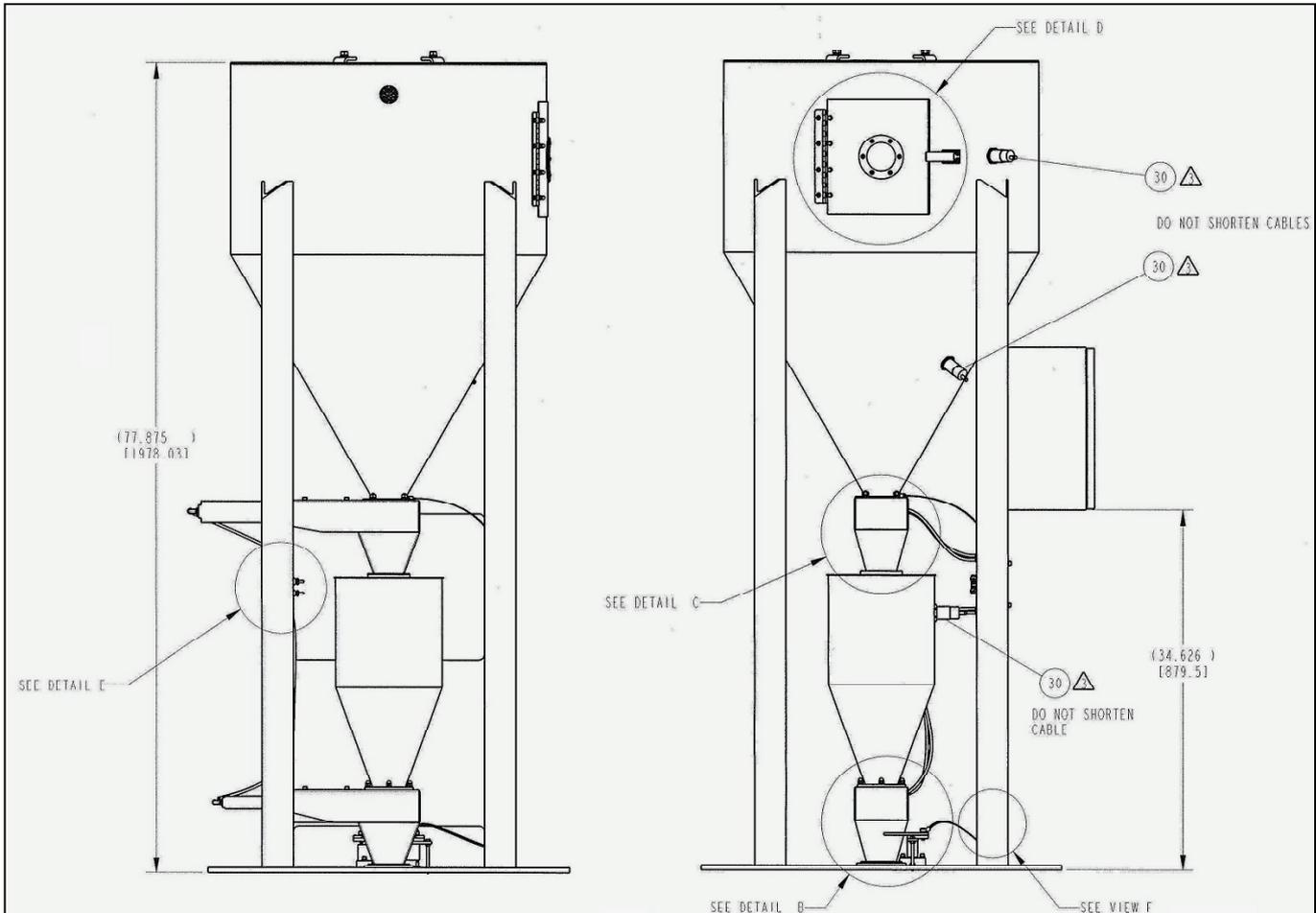
It is possible to install a pickup-box underneath the unit or some other kind of material transport device or processing unit (i.e. blow through unit, extruder, ...)

Filling process:

The capacity of the recipient is entered into the operator unit. Then the material is metered from above into the weigh hopper by a knife gate. The weight is going to be summed-up till the pre-selected value is reached. Then the unit stops and indicates that the job is fulfilled.

In this case the Inventory control system is typically used to fill a barrel, container or any other kind of recipient which is located underneath the unit.

Inventory Control Unit



SPEZIFICATION

- ▶ Suitable for throughputs up to approximately 900 kg/h
- ▶ 15 dm³ weigh hopper with sight-glass
- ▶ 250 dm³ surge hopper
 - With loading platform for a vacuum receiver.
 - Min./Max. proximity switch
- ▶ 24 VDC, fast acting knife gates
- ▶ PLC based control unit with touch screen operator surface
- ▶ Light signal and horn for alerts
- ▶ For material temperatures up to 80 °C
- ▶ Carbon steel design, paint RAL 7035 (light-grey)
- ▶ Power supply 230V, 1 Ph, 50 Hz

OPTIONS

- ▶ Stainless steel version
- ▶ High-temperature version

On request



PROCESS CONTROL Corporation
Hauptsitz

6875 Mimms Drive, Atlanta, GA 30340 USA
 Tel: (+1) 770 449-8810 Fax: (+1) 770 449-5445

Plant for Europe

PROCESS CONTROL GmbH
 Industriestr. 15, 63633 Birstein, Deutschland
 Tel: (+49) 0 60 54 - 91 29 0 Fax: (+49) 0 60 54 - 91 29 99
 E-Mail: info@ProcessControl-GmbH.de
 Internet: www.ProcessControl-GmbH.de