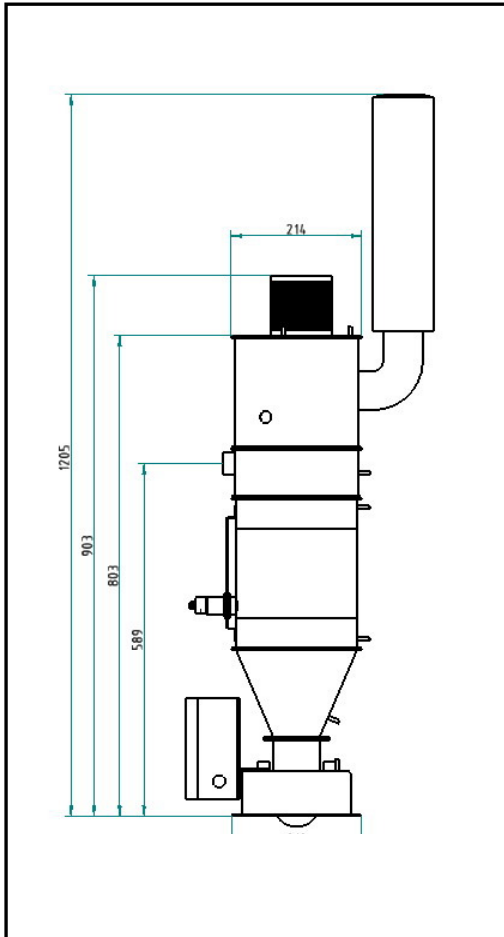


# RSD

## Self Loading Vacuum Receiver



### Self Loading Vacuum Receiver, Model RSD

The RSD self loading vacuum receiver is a new and innovative completion to PROCESS CONTROL's material handling systems.

It is equipped with a strong, brushless, very silent 1,1 kW three stage turbine with soft starter. Almost maintenance free. The noise level is  $\leq 72$  dB(A) according to DIN 45635.

The RSD with 6 dm<sup>3</sup> dump size is

suitable for throughputs up to approximately 250 kg/h.

The separation of particles from the conveying air inside the receiver is done by "cyclone principle". For this reason the blow out air is almost free from dust.

The receiver is equipped with a PLC-system that controls the

conveying cycles and times. A built in proximity switch is giving a signal to the PLC when the required dump level is reached. A flash-light as alert signal is indicating an insufficiency of material.

Receiver foot with flapper valve and PROCESS CONTROL standard mounting flange ( $\varnothing 280$  mm for lug mounting) for X-Series and GUARDIAN® blender loading platforms.

#### Technical data:

- Brushless 1,1 kW turbine, three stage
- Separation of particles from conveying air by "cyclone principle"
- Capacity: 6 dm<sup>3</sup> per dump
- Up to 250 kg/h throughput depending on conveying distance.
- $\leq 72$  dB(A) according to DIN 45635
- Air discharge silencer
- Carbon Steel design, paint RAL 7035 (light-grey)
- Soft starter
- Power: 230 V, 1 Ph, 50 Hz (max. 6 A)

#### Options:

- Adjustable pickup lance and 6 m of 1,5"-ISO (38,1 mm) flex. hose
- Plexiglass hopper body
- Stainless steel design



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