

BDS® SC-50
BDS® SC-100
BDS® SC-150

Suction and briquetting system for banknote shreds



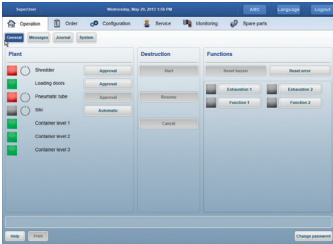
Giesecke & Devrient
Creating Confidence.



Briquette from a BDS SC system



Silo/filter section



BDS Control

Compact briquetting

The BDS SC Compact product line belongs to a new generation of suction and briquetting systems developed by Giesecke & Devrient (G&D).

It compacts banknote shreds from banknote processing machines and/or off-line shredding systems.

The unique chamber compaction technology produces highly dense briquettes for maximum efficiency and minimum dust in shred handling. The functional, ergonomic design demonstrates G&D's market leadership and won the 2013 iF Award.

Benefits at a glance

- Fully automated system
- Easy handling with touch-screen operation
- Advanced BDS Control software with remote access functionality
- Low maintenance
- Minimal noise thanks to sound-absorbing enclosure
- Easy setup – even in an office environment – due to the compact footprint
- Clean exhaust air (< 0.15 mg/m³)
- Activated carbon filter to prevent odors (optional)
- Convenient briquette transportation through a pipe over long distances to minimize the effort involved in shred disposal

Technical Data

Compression capacity

- BDS SC-50: 50 kg/h
- BDS SC-100: 100 kg/h
- BDS SC-150: 150 kg/h

Can be combined with e.g.

- BDS SC-50: 2 x BPS
- BDS SC-100: 4 x BPS
- BDS SC-150:
 - 4 x BPS + 1 x BDS off-line shredder
 - 6 x BPS

Power consumption

12 - 18 kW on average

Power supply

- 400 V AC ±5%
- 50 Hz ±2%
- Other voltages/frequencies available on request

Gross weight

5,600 - 6,000 kg

Floor load

Max. 6.9 - 7.3 kN/m²

Ambient temperature

5 - 35°C

Relative humidity

10 - 85%, noncondensing

Noise level

Approx. 70 dB(A)

Dimensions

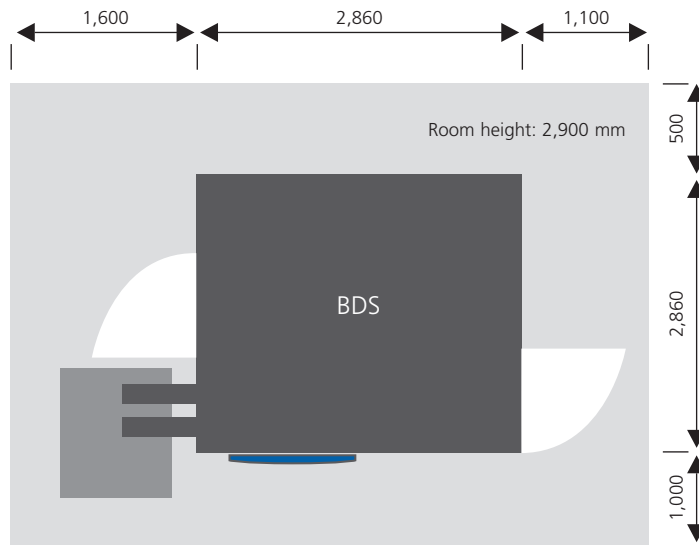
- Width: 2,860 mm
- Depth: 2,860 mm
- Height: 2,600 mm

Approvals

CE marking

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Dimensions in mm