

**Baler Bollegraaf HBC 80 K, yoc 2017, only 6,859 operation hours, press power 78,5 tons, 8-fold cross tying system, drive power 45 kW, incl. chain belt conveyor**



The complete system is currently in use at a plastics recycling company for pressing films, plastic packaging, strapping bands, plastic trays, buckets, canisters and barrels, etc. The pictures of the pressed bales, made of various materials, come from this machine. The dimensional stability, compression density and reliability of the 8-fold cross binding is outstanding and unparalleled.

**Technical data baler:**

Manufacturer Bollegraaf

Typ HBC 80 K

Year of construction 2017

Hours of operation 6,859 hours, stand September 2021

Press power main press 86 tons at 275 bar

Press power of pre-press max. 42 tons

Feed channel 1,485 x 1,100 mm

Filling volume 2.9 m<sup>3</sup>

Theoretic cycle time 22 sec.

Theoretic throughput capacity up to 450 m<sup>3</sup>/hour

Bale size 1,100 x 720 mm, length variable

Driving motor 45 kW

Connected load 70 kW

Full load current 133 A

Tying system 5-fold vertical, 3-fold horizontal, fully automatic

Throughput rate at a

bulk weight of 30 kg/cbm approx. 13,5 tons/hour

bulk weight of 50 kg/cbm approx. 21,5 tons/hour

bulk weight of 100 kg/cbm approx. 40 tons/hour

Throughput rate with ruffler approx. 20 tons/hour

Bale weight 550 up to 880 kg, depends on material

Volume hydraulic oil tank 830 l

SPS controller (manuf., type) Schneider

Operating panel (manuf., type) Schneider MAGNELIS

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Transport dimensions only baler 10,900 x 2,500 x 3,200 mm (l x w x h)  
Machine weight baler approx. 28 tons

### **Additional equipment of the baler:**

- Baler stand raised by 390 mm, for easier cleaning and maintenance under the baler.
- 8-fold cross-tie system, 5-fold vertical and 3-fold horizontal, individually switchable.
- Adaptive Proportional Channel Pressure system (APCP), for stepless regulation of the oil pressure and flow rate.
- Complete planking of the pressing chamber with wear-resistant HARDOX sheets (bottom, side walls, underside of throat plate, strips on the bottom and side, running surface of the rollers of the press ram and the front of the press ram).
- Remote control of the baler via a four-button remote control. Switching on/off the conveyor belt, premature (short) tying of a bale, extension of the bale (long) tying of a bale.
- Modem for error reading and remote maintenance of the baler via the manufacturer.

### **Technical data conveyor belt:**

Manufacturer Bollegraaf  
Typ HBT 1200/1600  
Year of construction 2017  
Driving motor 5,5 kW  
Weight approx.. 14 tons

### **Comments conveyor:**

The drive chain was completely renewed in 2021.

Technical data conveyor belt:

Manufacturer Bollegraaf  
Typ HBT 1200/1600

### **Comments baler and conveyor:**

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The documentation (Manual, CE, electr./hydr.-drawings), are completely available. Inspections are possible after agreement. We will not assume liability for the given technical data and possible errors.

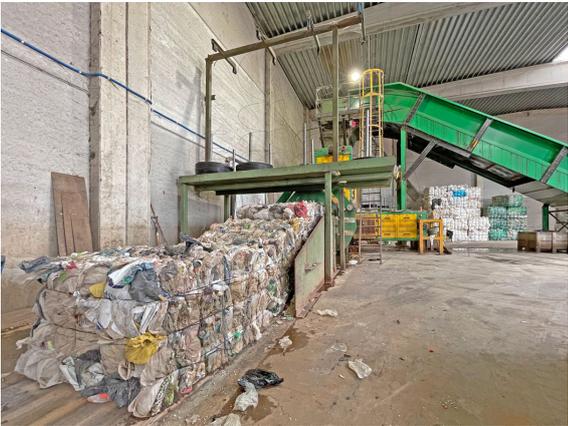
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