

Fully Refurbished Bollegraaf HBC80 (45kW) + crosswires

TYPE

Specifications

Machine

Type	Bollegraaf HBC80 (45kW)
Power	45kW
Year	2006
Hours	0
Condition	Fully refurbished including 2 yr warranty

Bale dimensions

Weight
Length
Height
Width

Motor

Output
Twistomat
Counter pressure pump
Needle installation
Oil cooler fan
Pump for oil cooling
Operating pressure

Max capacity

Volume mg/hour
Weight kg/m3
Weight t/hour

Highlights

Additional information

<https://www.machinesseeker.nl/bollegraaf-hbc80+%2845kw%29+%2B+crosswires/i-7930700>

Sold by Bollegraaf Recycling Solutions, the original manufacturer of this Bollegraaf baler + Bollegraaf HBT Chain conveyor.

Year of construction 2006

Currently this baler is fully refurbished by our refurbishment workshop.

2 year warranty

Baler; HBC80 (45kW) crosswires

Weight: 24.000 KG

Construction year: 2006

Last known hours of operation: 24967

Crosswires 3 horizontal wires + 5 vertical wires

Modem for remote support

Plastic valve

Variable channel pressure system

Middle hopper

Belt infeed hopper

Higher supports

Bale exit

4x wire platforms

etc

The refurbishment process is done to our very strict OEM refurbishment guidelines.

Bollegraaf OEM Factory-Certified Refurbished Balers:

Only Bollegraaf can guarantee that a reconditioned baler is built according to factory standards. At our location in Appingedam we have a special overhaul workshop where we overhaul used balers.

When you purchase a Bollegraaf OEM Factory-Certified Refurbished Baler, you can be sure the baler has been fully inspected and is as good as new.

Remanufactured or used Bollegraaf balers from other companies do not undergo the same rigorous inspection and reconstruction.

General principles overhaul

Cleaning and disassembly

The baler is completely cleaned and dismantled in our overhaul workshop.

Tolerances

The tolerances of all steel components are measured and where necessary welded again.

At least this applies to;

- Ram,
- Frame,
- Channel,
- Pre-press flap

The ram is re-welded and fitted with new ram wheels.

The protective grids and the pre-pressure flap are made dent-free and repaired where necessary.

Repainted

After measuring the tolerances and any repair and welding work, all components are repainted.

Hydraulics:

The hydraulic tank is cleaned.

The hydraulic lines & hoses are replaced.

The hydraulic components are repackaged.

The hydraulic oil is replaced.

Cabling:

All cabling is checked and replaced if necessary.

All junction boxes are replaced and placed back in easily accessible positions.

Wear parts:

All wear parts are replaced.

The pins and shafts of the cylinders and the channel are replaced with new ones.

All wearing parts of the (both) needle installations and knots are replaced by new ones.

Cylinders:

The cylinders are repackaged and, if necessary, provided with a new chrome layer or a new cylinder rod.

Control box

The switch box is checked and cleaned.

If necessary, electronic components are replaced with new ones.













Technische specificatie Balenpers

Volume capaciteit m ³ /uur	max.	- 490	450	430	400
Volume gewicht kg/m ³	max.	- 15	30	50	80
Gewicht capaciteit T/uur	max.	- 7	13	21	32

Voornoemde capaciteiten gelden uitsluitend indien sprake is van oordeelkundig gebruik en de machine tenminste één uur lang onafgebroken met deugdelijk materiaal voldoende gevoed wordt.

Baalgewicht	- 550 - 800 kg, afhankelijk van materiaal soort en baallengte.
Baallengte	- Instelbaar.
Baalhoogte	- 720 mm.
Baalbreedte	- 1.100 mm.

Invulopening	- 1.100 mm x 1.500 mm.
Max. grootte toevoer	- 1.500 mm x 1.400 mm.

Perskracht stempel	- 78 Mp/tonf.
Perskracht voorpersklep	- 42 Mp/tonf.

Cyclus met vulling	- 22 seconden.
Slagvolume/cyclus	- 2,9 m ³ .
Motorvermogen	- 45 kW.
Motor Twistomat	- 2,2 kW.
Motor tegendrukpomp	- 1,1 kW.
Type motor	- draaistroommotor, fabrikaat Rotor.
Machinegewicht	- ca. 24.000 kg.
Aantal draden	- 5 stuks verticaal.
Hoeveelheid olie	- 750 liter.
Merk olie	- BP-SHF-46.
Kleur	- pers RAL 6011 (reseda groen). - veiligheidsroosters RAL 1021 (cadmium geel).

Afmetingen pers	- lengte 10.680 mm; - breedte 2.320 mm; - hoogte 6.285 mm.
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PLASTIC VENTIEL

Een plastic ventiel voorziet in de mogelijkheid om tijdelijk de kanaaldruk te ontlasten tijdens de knoopcyclus om de spanning die op de draad om de baal staat, te verminderen. Tijdens het persen wordt de volledige druk (gelijk aan de hoge druk) op het afknijpkanaal gebruikt om het plastic zoveel mogelijk in elkaar te persen. Tijdens het afbinden wordt de druk van het kanaal gehaald (tot 0 bar) om de baal uit te laten zetten.

Het ventiel is in tijd instelbaar zodat er verschillende instellingen voor verschillende te verwerken materialen gerealiseerd kunnen worden en wordt met name geadviseerd bij de verwerking van plastic.

VARIABLE KANAALDRUKREGELING

Met het regelbare kanaaldrukventiel kan een lagere kanaaldruk worden ingesteld. Dit kan wenselijk zijn omdat bij normale persdruk de draden die om de baal worden gebracht te zwak zijn of omdat een geringere baalvastheid wordt gewenst.

Zonder variabele kanaaldrukregeling zal de druk op de afknijpcilinder tijdens de persslag oplopen tot ongeveer 220 bar. Door middel van een knop op de schakelkast kan handmatig een lagere druk voor de afknijpcilinder worden ingesteld. De instelling kan variëren van 1 (50 bar) tot 10 (220 bar). Hierdoor valt de tegendruk op het materiaal eerder weg waardoor de baal met minder kracht wordt samengeperst. Als gevolg hiervan komt er minder spanning op de binddraden te staan.

KRUISDRADEN

De HBC-persen kunnen worden voorzien van kruisdraden. De baal wordt dan, naast de standaard 5 stuks verticale draden, ook afgebonden door 3 horizontale draden. Hierdoor valt bij handling minimaal materiaal uit de baal. Het gebruik van kruisdraden wordt vooral geadviseerd bij de verwerking van moeilijk verpersbare materialen zoals gladde papiersoorten, kunststoffen en klein materiaal afvallen.



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Fully refurbished pre-owned balers



World-class equipment at reduced prices

The Bollegraaf HBC series baler is renowned for its durability, that is why you can expect many years of reliable service from your machine. As demand continues to grow, Bollegraaf launches **OEM Factory-Certified** program for refurbished balers. This program conducts a thorough inspection, testing and refurbishment of pre-owned (Bollegraaf) balers and includes a full two year warranty.

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Standard Rebuild Process:

Disassemble and thoroughly inspect all parts
Refurbish or replace with OEM parts
Repaint and reassemble



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