About Bollegraaf.

Bollegraaf Recycling Solutions is the trading name of Bollegraaf Recycling Machinery b.v. and Lubo Systems b.v. We are production companies of the Bollegraaf Group.

We focus on the innovative character and reliability of our solutions and the high quality of our products and services. With a track record of 50+ years in the industry, we have the experience to achieve this. Bollegraaf invests heavily in research and development, as well as in the latest recycling equipment technology. All this to ensure a profitable and sustainable business for our clients.

Bollegraaf Recycling Machinery b.v.
P.O. Box 321
9900 AH Appingedam
The Netherlands
Tel: +31 (0) 597 33 33 33
Fax: +31 (0) 597 33 33 34
info@bollegraaf.com
www.bollegraaf.com

Client specific color finish
Anti vermin cable protection
Needle cellar or raised base structures
Certified access platforms
Tie wire supply stations

Bollegraaf Balers. Big in making recyclables small.

Type Bale width Bale height Motor Filling Rating Capacity Capacity Capacity Weight Length Width Height

Bale height
Capacity
Capacity
Weight
Length
Width
Height

Bollegraaf Balers, experts in recycling equipment. High-quality solutions, reliable in performance and installation.


type by type.

Main
HBC series.

BIOS - remote access
BIOS - office

Tying system upgrades

Tying system upgrades for PET series

Bottle Perforator

Compacts bulk toad material to the feed hoppers in a meaningful way.

Other available options include:

Biologically optimal control of channel pressure through the use of bollegraaf engines, ensuring the feed hoppers is meaningfully

Adaptive proportional channel pressure system

Variable engine frequency drive

Automatic adjustment to the most efficient engine frequency. Energy savings.

Available

Additional hydraulic for PET series

Bale height

Capacity

Capacity

Weight

Length

Width

Height

Bollegraaf Balers are bespoke to your company requirements. Many design options are available, please consult your sales team for more information.


type by type.

HBC系列。

BIOS - office

BIOS - remote access

Tying system:

Type Bale width Bale height Motor Filling Rating Capacity Capacity Capacity Weight Length Width Height

Bollegraaf Balers are bespoke to your company requirements. Many design options are available, please consult your sales team for more information.

Available

Options.

Bollegraaf Balers are bespoke to your company requirements. Many design options are available, please consult your sales team for more information.

Available

Options.

Bollegraaf Balers are bespoke to your company requirements. Many design options are available, please consult your sales team for more information.

Available

Options.

Bollegraaf Balers are bespoke to your company requirements. Many design options are available, please consult your sales team for more information.

Available

Options.

Bollegraaf Balers are bespoke to your company requirements. Many design options are available, please consult your sales team for more information.

Available

Options.

Bollegraaf Balers are bespoke to your company requirements. Many design options are available, please consult your sales team for more information.

Available

Options.

Bollegraaf Balers are bespoke to your company requirements. Many design options are available, please consult your sales team for more information.

Available

Options.

Bollegraaf Balers are bespoke to your company requirements. Many design options are available, please consult your sales team for more information.

Available

Options.
## HBC Baler

**Single needle system (5x1)**

*Refer to bollegraaf.com/balers for more info. and options for our HBC balers range.*

This is an overview of the most important features HBC Baler

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unique pre-press flap</td>
<td>- Includes feed Augers</td>
</tr>
<tr>
<td></td>
<td>- Lifts and ram movement</td>
</tr>
<tr>
<td></td>
<td>- Hi-tech hydraulic unit</td>
</tr>
<tr>
<td></td>
<td>- Advanced tying system</td>
</tr>
<tr>
<td></td>
<td>- BalerSmart´ operating system</td>
</tr>
<tr>
<td></td>
<td>- Hi-tech hydraulic unit</td>
</tr>
<tr>
<td></td>
<td>- Advanced tying system</td>
</tr>
<tr>
<td></td>
<td>- BalerSmart´ operating system</td>
</tr>
<tr>
<td></td>
<td>- Hi-tech hydraulic unit</td>
</tr>
<tr>
<td></td>
<td>- Advanced tying system</td>
</tr>
<tr>
<td></td>
<td>- BalerSmart´ operating system</td>
</tr>
<tr>
<td></td>
<td>- Hi-tech hydraulic unit</td>
</tr>
<tr>
<td></td>
<td>- Advanced tying system</td>
</tr>
<tr>
<td></td>
<td>- BalerSmart´ operating system</td>
</tr>
<tr>
<td></td>
<td>- Hi-tech hydraulic unit</td>
</tr>
<tr>
<td></td>
<td>- Advanced tying system</td>
</tr>
<tr>
<td></td>
<td>- BalerSmart´ operating system</td>
</tr>
<tr>
<td></td>
<td>- Hi-tech hydraulic unit</td>
</tr>
<tr>
<td></td>
<td>- Advanced tying system</td>
</tr>
<tr>
<td></td>
<td>- BalerSmart´ operating system</td>
</tr>
<tr>
<td></td>
<td>- Hi-tech hydraulic unit</td>
</tr>
<tr>
<td></td>
<td>- Advanced tying system</td>
</tr>
<tr>
<td></td>
<td>- BalerSmart´ operating system</td>
</tr>
<tr>
<td></td>
<td>- Hi-tech hydraulic unit</td>
</tr>
<tr>
<td></td>
<td>- Advanced tying system</td>
</tr>
<tr>
<td></td>
<td>- BalerSmart´ operating system</td>
</tr>
<tr>
<td></td>
<td>- Hi-tech hydraulic unit</td>
</tr>
<tr>
<td></td>
<td>- Advanced tying system</td>
</tr>
<tr>
<td></td>
<td>- BalerSmart´ operating system</td>
</tr>
<tr>
<td></td>
<td>- Hi-tech hydraulic unit</td>
</tr>
<tr>
<td></td>
<td>- Advanced tying system</td>
</tr>
<tr>
<td></td>
<td>- BalerSmart´ operating system</td>
</tr>
<tr>
<td></td>
<td>- Hi-tech hydraulic unit</td>
</tr>
<tr>
<td></td>
<td>- Advanced tying system</td>
</tr>
<tr>
<td></td>
<td>- BalerSmart´ operating system</td>
</tr>
<tr>
<td></td>
<td>- Hi-tech hydraulic unit</td>
</tr>
<tr>
<td></td>
<td>- Advanced tying system</td>
</tr>
<tr>
<td></td>
<td>- BalerSmart´ operating system</td>
</tr>
</tbody>
</table>

### Advances.

**Hi-tech hydraulic unit**

- Single needle system
  - Single needle system is highly accessible, has few components and is very reliable.
  - Pressure regulated and load sensitive hydraulic systems allow for multi-function hydraulic systems.
  - Advanced hydraulic systems are very suitable for high productivity systems.

**Smart Operating System**

- Full process control
  - Full process control allows you to control all stages in the baling process.
  - Easy to operate, menu based.
  - Full process control allows for easy operation.

**Advanced tying system**

- Single needle system
  - Single needle systems are highly accessible, have few components and is very reliable.
  - Pressure regulated and load sensitive hydraulic systems allow for multi-function hydraulic systems.
  - Advanced hydraulic systems are very suitable for high productivity systems.

**Hi-tech hydraulic unit**

- Single needle system
  - Single needle system is highly accessible, has few components and is very reliable.
  - Pressure regulated and load sensitive hydraulic systems allow for multi-function hydraulic systems.
  - Advanced hydraulic systems are very suitable for high productivity systems.

**Smart Operating System**

- Full process control
  - Full process control allows you to control all stages in the baling process.
  - Easy to operate, menu based.
  - Full process control allows for easy operation.

**Advanced tying system**

- Single needle system
  - Single needle systems are highly accessible, have few components and is very reliable.
  - Pressure regulated and load sensitive hydraulic systems allow for multi-function hydraulic systems.
  - Advanced hydraulic systems are very suitable for high productivity systems.

### Reference projects.

- Type of baler HBC 100: Client: Avontuur Organics, Country: Belgium
- Type of baler HBC 120: Client: Hummel Recycling, Country: Netherlands
- Type of baler HBC 120: Client: Hummel Recycling, Country: Netherlands
- Type of baler HBC 100: Client: Avontuur Organics, Country: Belgium

Below are a few of our reference projects. Please visit one of our reference projects or high tech production facilities to see the benefits.

**Hi-tech hydraulic unit**

- Single needle system
  - Single needle system is highly accessible, has few components and is very reliable.
  - Pressure regulated and load sensitive hydraulic systems allow for multi-function hydraulic systems.
  - Advanced hydraulic systems are very suitable for high productivity systems.

**Smart Operating System**

- Full process control
  - Full process control allows you to control all stages in the baling process.
  - Easy to operate, menu based.
  - Full process control allows for easy operation.

**Advanced tying system**

- Single needle system
  - Single needle systems are highly accessible, have few components and is very reliable.
  - Pressure regulated and load sensitive hydraulic systems allow for multi-function hydraulic systems.
  - Advanced hydraulic systems are very suitable for high productivity systems.

**Hi-tech hydraulic unit**

- Single needle system
  - Single needle system is highly accessible, has few components and is very reliable.
  - Pressure regulated and load sensitive hydraulic systems allow for multi-function hydraulic systems.
  - Advanced hydraulic systems are very suitable for high productivity systems.

**Smart Operating System**

- Full process control
  - Full process control allows you to control all stages in the baling process.
  - Easy to operate, menu based.
  - Full process control allows for easy operation.

**Advanced tying system**

- Single needle system
  - Single needle systems are highly accessible, have few components and is very reliable.
  - Pressure regulated and load sensitive hydraulic systems allow for multi-function hydraulic systems.
  - Advanced hydraulic systems are very suitable for high productivity systems.

**Hi-tech hydraulic unit**

- Single needle system
  - Single needle system is highly accessible, has few components and is very reliable.
  - Pressure regulated and load sensitive hydraulic systems allow for multi-function hydraulic systems.
  - Advanced hydraulic systems are very suitable for high productivity systems.

**Smart Operating System**

- Full process control
  - Full process control allows you to control all stages in the baling process.
  - Easy to operate, menu based.
  - Full process control allows for easy operation.

**Advanced tying system**

- Single needle system
  - Single needle systems are highly accessible, have few components and is very reliable.
  - Pressure regulated and load sensitive hydraulic systems allow for multi-function hydraulic systems.
  - Advanced hydraulic systems are very suitable for high productivity systems.