Since 1947, the Hesston name has stood for innovation and leadership in the hay and forage industry. It was from that legacy that the first center-line baler was developed in 1980. Patterned in part after the Hesston big baler introduced in 1978, it took small square baling in an entirely new direction.

The Hesston reputation for performance became even stronger and more widespread in 1991, when Hesston became part of the AGCO Corporation family.

Now, two respected names have come together. The AGCO and Hesston brand names are united with a single goal. That’s to provide customers with the most innovative and advanced hay equipment backed by the experienced and dedicated customer support network of AGCO dealers supported by all the worldwide resources of AGCO Corporation.
<table>
<thead>
<tr>
<th>Model</th>
<th>7105</th>
<th>7110</th>
<th>7115</th>
<th>7120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bale Size – in. (mm)</td>
<td>14 X 18 (356 X 457)</td>
<td>14 X 18 (356 X 457)</td>
<td>14 X 18 (356 X 457)</td>
<td>16 X 18 (406 X 457)</td>
</tr>
<tr>
<td>Plunger speed (stokes/min)</td>
<td>92</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Pickup Width* – in. (mm)</td>
<td>54.6 (1387)</td>
<td>75.9 (1928)</td>
<td>75.9 (1928)</td>
<td>77.5 (1968)</td>
</tr>
<tr>
<td>Min. PTO hp (kW)</td>
<td>35 (26)</td>
<td>35 (26)</td>
<td>35 (26)</td>
<td>50 (37)</td>
</tr>
</tbody>
</table>

* Inside end panel to end panel.
One of the first laws of geometry states that the shortest distance between two points is a straight line. That’s also the basic principle behind the AGCO Hesston center-line baler design. From the time hay enters the wide, low-profile pickup until it drops out the back as a finished bale, the crop follows a straight path.

There are no right-angle turns... no cross-conveying mechanisms... and no high pickup lifts to shake or tear valuable leaves from the stems. Instead, the crop is lifted just a few inches by the pickup assembly and fed directly into a prepacker chamber. Here, bale flakes are actually preformed before being swept straight into the bale chamber. There’s nowhere for nutritious leaves to go but into the bale.

- Field and road positions are one and the same, which means you’ll never again have to move bales when opening a field... or jockey through a narrow gate.
- Side draft is virtually eliminated... a fact that is especially important when pulling a wagon in hilly conditions.
- Equal tire size on both sides of the baler permits better weight distribution and helps reduce ground compaction.
- High ground clearance is inherent with the center-line design. The twine needles are even located above the axle, where they are protected from damage, even when they are in the down position.
- The compact, low-profile design allows the operator to more easily see the rear of the baler, which is particularly important when using the optional bale thrower.
A constant-velocity driveline allows turns of up to 80 degrees without driveline chatter or vibration.

A hypoid gearbox allows the entire baler to be driven by just four drive chains.

Twine boxes on both sides of the baler not only provide the capacity for all-day baling, but reduce the twine travel distance to the knotters. This helps maintain equal twine tension, for fewer mis-ties.

A single hand crank allows the operator to quickly raise and lower the pickup. Or add the hydraulic lift as an option.

A set of adjustable hay resistor doors in the sides of the bale chamber complement the pressure from the top and bottom rails for controlled bale density.

Pickup centering augers increase baling capacity and improve bale shape by evenly filling both sides of the bale chamber.

This helps maintain equal twine tension, for fewer mis-ties.
Whether you bale a few acres a year for your own herd, or put up thousands of bales annually in a commercial operation, there's a 7100 Series rectangular baler to fit your needs and your budget.

**SIZED FOR THE FAMILY FARM**

The Model 7105 may have been designed for the small producer, but don’t think for a moment we cut corners on features. It still offers all the advantages of our center-line design. And it has all the strength and stability you need to pull a loaded wagon over rough terrain. Available with a bale thrower, the Model 7105 is more than adequate for the farmer who bales up to 100 tons of hay annually.

- 14 X 18-inch bale size
- 92 strokes-per minute plunger
- 61-inch low-profile pickup
- 66 tines on three tine bars
- Four-ball twine capacity
- 7 sealed ball bearing plunger rollers
- 9.5L X 14 tires

**MEDIUM DUTY, MAXIMUM PERFORMANCE**

Positioned as the medium-duty rectangular baler, the Model 7110 includes all the amenities and strength you’ll need to make haying go faster and easier than ever before. Standard features like the wide, low-profile pickup and floating windguard, a high-speed plunger and a constant velocity driveline make quick work of larger acreages. For even more convenience, add the optional hydraulic-driven bale thrower, a hydraulic pickup lift and hydraulic density control.

- 14 X 18-inch bale size
- 100 strokes-per minute plunger
- 75.9-inch low-profile pickup
- 84 tines on three tine bars
- Four-ball twine capacity
- 7 sealed ball bearing plunger rollers
- 11L X 14 tires

All balers are equipped with an overrunning clutch and a slip clutch. The slip clutch reduces wear on the tractor PTO clutch.

With every plunger stroke, the stuffer takes a flake of hay into the bale chamber. Since the stuffer is in line with the plunger, it is gentler than other designs for less leaf loss.
7100 Series
Small Rectangular Balers

Model 7105
FROM FAMILY FARM TO COMMERCIAL OPERATION
THE BEST-OF-THE-BEST IN 14 X 18-INCH MODELS

If you’re looking for the highest performance possible in a 14 X 18-inch model, you’re looking for the Model 7115. This machine has it all – wide, low-profile pickup that picks windrows clean... a high-speed, short-stroke plunger that combines greater capacity with less wear.

- 14 X 18-inch bale size
- 100 strokes-per-minute plunger
- 75.9-inch low-profile pickup
- 112 tines on four tine bars
- Six-ball twine capacity
- 8 sealed ball bearing plunger rollers
- 31 x 13.5 - 15, 8 ply tires

BIGGER BALE SIZE, EVEN BIGGER CAPACITY

If solid 16 X 18-inch bales are your package of choice, you’ll find everything you demand in the Model 7120. Performance starts with a expansive pickup to sweep in wide swaths and double windrows. Hydraulic density control is standard, too, so you can be assured of consistent bale weight and density, regardless of crop and moisture conditions.

- 16 X 18-inch bale size
- 100 strokes-per minute plunger
- Hydraulic density control
- 77.5-inch low-profile pickup
- 112 tines on four tine bars
- Six-ball twine capacity
- 8 sealed ball bearing plunger rollers
- 31 x 13.5 - 15, 8 ply tires
For the most in time and labor savings, consider the hydraulic bale thrower. Available as an option on models 7105, 7110 and 7115, its self-contained hydraulic system requires the use of only one tractor remote for side-to-side direction control. Meanwhile, variable speed control of the hydraulic motor permits precise control of throwing distance, letting you fill every corner of the wagon. Other features that contribute to years of trouble-free operation include:

- Spring-adjustable belts feature a diamond tread pattern for a firm grip and uniform acceleration.

- Bales up to 36-inches long easily clear the tension rails before they are grasped by the thrower belts. Consequently, belts never burn or break twine or distort the bale’s shape in their attempt to pull bales out of the chamber.

- To drop bales on the ground for pickup, simply open the chute at the bottom of the thrower assembly. There’s no need to remove the thrower or tilt it forward.

---

**WE WON’T THROW YOU A CURVE**

**Bale Thrower**

<table>
<thead>
<tr>
<th>General</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Belt</td>
</tr>
<tr>
<td>Belt drive</td>
<td>Hydraulic pump driven by baler flywheel</td>
</tr>
<tr>
<td>Directional control</td>
<td>Hydraulic cylinder</td>
</tr>
<tr>
<td>Applicable Models</td>
<td>7105/7110/7115</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bale Size</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross section</td>
<td>14 x 18 in. (356 x 457 mm)</td>
</tr>
<tr>
<td>Length</td>
<td>36 in. (914 mm)</td>
</tr>
<tr>
<td>Weight (max.)</td>
<td>70 lbs. (32 kg)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Apron Belts</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>in. (mm)</td>
<td>12 (305) Diamond tread (2)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions &amp; Weight</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>63 in. (1600 mm)</td>
</tr>
<tr>
<td>Height</td>
<td>72 in. (1829 mm)</td>
</tr>
<tr>
<td>Weight (approx.)</td>
<td>500 lbs. (227 kg)</td>
</tr>
<tr>
<td>Tractor Hydraulics</td>
<td>One double-acting remote</td>
</tr>
</tbody>
</table>
### MODEL 7105
- **Bale Size**
  - Size of Chamber In (mm): 14 X 18 (356 X 457)
  - Bale Length In (mm): 12 to 52 (305 to 1321)

### MODEL 7110
- **Bale Size**
  - Size of Chamber In (mm): 14 X 18 (356 X 457)
  - Bale Length In (mm): 12 to 52 (305 to 1321)

### MODEL 7115
- **Bale Size**
  - Size of Chamber In (mm): 14 X 18 (356 X 457)
  - Bale Length In (mm): 12 to 52 (305 to 1321)

### MODEL 7120
- **Bale Size**
  - Size of Chamber In (mm): 16 X 18 (406 X 457)
  - Bale Length In (mm): 12 to 52 (305 to 1321)

### Dimensions And Weights

<table>
<thead>
<tr>
<th></th>
<th>7105</th>
<th>7110</th>
<th>7115</th>
<th>7120</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Without Bale Chute In (mm)</td>
<td>168 (4267)</td>
<td>168 (4267)</td>
<td>168 (4267)</td>
<td>202 (5121)</td>
</tr>
<tr>
<td>With Bale Chute In (mm)</td>
<td>204 (5182)</td>
<td>204 (5182)</td>
<td>204 (5182)</td>
<td>244 (6187)</td>
</tr>
<tr>
<td>With Bale Thrower In (mm)</td>
<td>240 (6096)</td>
<td>240 (6096)</td>
<td>240 (6096)</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Width (Overall)</strong> In (mm)</td>
<td>93 (2362)</td>
<td>101 (2565)</td>
<td>101 (2565)</td>
<td>104 (2652)</td>
</tr>
<tr>
<td><strong>Height w/shielding In (mm)</strong></td>
<td>65 (1651)</td>
<td>65 (1651)</td>
<td>65 (1651)</td>
<td>66 (1676)</td>
</tr>
<tr>
<td><strong>Weight Lb (Kg)</strong></td>
<td>2700 (1224)</td>
<td>3050 (1384)</td>
<td>3300 (1497)</td>
<td>4375 (1985)</td>
</tr>
</tbody>
</table>

### Tires
- **Flotation**
  - 9.5 X 14, 6 Ply

### Pickup
- **Width**
  - **Tine to Tine In (mm)**: 54.6 (1387)
  - **Inside Panel to Panel In (mm)**: 60.3 (1532)
  - **Outside Panel to Panel In (mm)**: 73.6 (1867)
- **Number of Time Bars**: 3
- **Number of Tines**: 66
- **Augers In (mm)**: 13 O.D. (330)
- **Protection**: Belt Drive
- **Gauge Wheels**: 2 (One Per Side)

### Feeding System
- **Stuffer**: Crank Type w/4 Tines
- **Drive**: No. 60 Chain
- **Protection**: Shearbolt
- **Speed**: 92 Strokes/min
- **Length of Stroke In (mm)**: 21.6 (550)
- **Mounting**: 7 Sealed Ball Bearing Rollers

### Tying Mechanism
- **Type**: Knotters
- **Protection**: Shearbolt
- **Twine Container Capacity**: 4 Balls

### Tractor Requirements
- **Horsepower, Minimum Hp (kW)**: 35 (26)
- **PTO Speed rpm**: 540
- **Hydraulics**: None For Standard Baler

### Optional Kits
- **Bale Chute**: Bale Chute
- **Bale Chute Extension**: Bale Chute Extension
- **Bale Chute Quarter Turn**: Bale Chute Quarter Turn
- **Wagon Hitch Kit**: Wagon Hitch Kit
- **Hydraulic Bale Tension Kit**: Hydraulic Bale Tension Kit
- **Hydraulic Pickup Lift Kit**: Hydraulic Pickup Lift Kit
- **Field Light Kit**: Field Light Kit
- **Bale Thrower**: Bale Thrower

*For hydraulic pickup lift