

New Holland BR Roll-Belt™ Round Baler Specifications



BR730 BR740 BR750 BR770 BR780

| Bale Size | | BR730 | | BR740 | | | BR750 | | BR770 | BR780 |
|-----------|------|------------|---------------|------------|----------|----------|------------|-------------|------------|------------|
| | | | High-Moisture | | Pkg. 100 | Silage | | All-Purpose | | |
| Diameter | mm | 219-762 | 219-762 | 915-1524 | 915-1524 | 915-1524 | 915-1828 | 915-1828 | 915-1524 | 915-1828 |
| | Inch | 30-48 | 30-48 | 36-60 | 36-60 | 36-60 | 36-72 | 36-72 | 36-60 | 36-72 |
| Width | mm | 1181 | 1181 | 1182 | 1182 | 1182 | 1182 | 1182 | 1562 | 1562 |
| | Inch | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 61.5 | 61.5 |
| Weight* | kg | 136-340 | 136-544 | 181-544 | 181-544 | 249-816 | 181-862 | 249-907 | 227-794 | 227-998 |
| | lbs | 300-750 | 300-1000 | 400-1200 | 400-1200 | 550-1800 | 400-1900 | 550-2000 | 500-1750 | 500-2200 |
| Density | | Adjustable | | Adjustable | | | Adjustable | | Adjustable | Adjustable |

*Bale weight depends on crop and moisture content.

Adjustable Bale Density Control

| | | | | | | | | | |
|-------------------------|-----|--------------------------------------|--|----------|----------|---|----------|--|-----------|
| Tension system | | 2 double extension spring assemblies | 1 extension spring; 1 hydraulic cylinder | | | 2 extension springs; 1 hydraulic cylinder | | 2 extension springs; 2 hydraulic cylinders | |
| Tension system pressure | PSI | N/A | 900-2575 | 900-2575 | 900-2575 | 900-2575 | 900-2575 | 1200-2000 | 1200-2000 |

Baler Dimensions and Weight

| | | | | | | | | | | |
|----------------|------|------|--------|-------|-------|-------|-------|-------|------|-------|
| Overall Length | mm | 3429 | 3429 | 4470 | 4470 | 4470 | 4775 | 4775 | 4470 | 4775 |
| | Inch | 135 | 135 | 176 | 176 | 176 | 188 | 188 | 176 | 188 |
| Overall Width | mm | 2159 | 2159 | 2400 | 2159 | 2400 | 2400 | 2400 | 2819 | 2819 |
| | Inch | 85 | 85 | 94.5 | 85 | 94.5 | 94.5 | 94.5 | 111 | 111 |
| Overall Height | mm | 2159 | 2184.4 | 2662 | 2641 | 2662 | 2903 | 2903 | 2519 | 2824 |
| | Inch | 85 | 86 | 104.8 | 104.0 | 104.8 | 114.3 | 114.3 | 99.2 | 111.2 |
| Weight | kg | 1338 | 1368 | 2290 | 2131 | 2312 | 2676 | 2862 | 2506 | 2765 |
| | Lbs | 2950 | 3015 | 5050 | 4700 | 5100 | 5900 | 6310 | 5525 | 6095 |

Super Sweep™ Pickup

| | | BR730 | | BR740 | | | BR750 | | BR770 | BR780 |
|-----------------------------|------|------------------------------|----------------------|-------|------------------------------|--------|-------|-------------|------------------------------|--------------------|
| | | | High-Moisture | | Pkg. 100 | Silage | | All-Purpose | | |
| Overall Width | mm | 1518 | 1518 | | 1844 | | | | 2243 | 2243 |
| | Inch | 59.75 | 59.75 | | 72.6 | | | | 88.3 | 88.3 |
| Width between outside tines | mm | 1133 | 1133 | | 1133 | | | | 1534 | 1534 |
| | Inch | 44.6 | 44.6 | | 44.6 | | | | 60.4 | 60.4 |
| Width between side sheets | mm | 1336 | 1336 | | 1336 | | | | 1736 | 1736 |
| | Inch | 52.6 | 52.6 | | 52.6 | | | | 68.3 | 68.3 |
| Width between tines | mm | 67 | 67 | | 67 | | | | 67 | 67 |
| | Inch | 2.62 | 2.63 | | 2.63 | | | | 2.63 | 2.63 |
| Number of tine bars | | 4 | 4 | | 4 | | | | 6 | 6 |
| Number of tines | | 72 | 72 | | 72 | | | | 144 | 144 |
| Pickup tires (with tubes) | | Single 4.00x8, 4 ply | Single 4.00x8, 4 ply | | Single 4.00x8, 4 ply | | | | Dual 4.00x8, 4 ply | Dual 4.00x8, 4 ply |
| Wind guard | | Adjustable/Pivoting/Floating | | | Adjustable/Pivoting/Floating | | | | Adjustable/Pivoting/Floating | |
| Real diameter inside guards | mm | 406 | 406 | | 406 | | | | 406 | 406 |
| | Inch | 16 | 16 | | 16 | | | | 16 | 16 |
| Protection | | Adjustable slip clutch | | | Adjustable slip clutch | | | | Adjustable slip clutch | |

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BR730 BR740 BR750 BR770 BR780

| Wide Pickup (1.5 meter/60-inch) | | BR730 | | BR740 | | | BR750 | | BR770 | BR780 |
|---------------------------------|------|-------|---------------|-------------------------------------|----------|-------------------------------------|-------------------------------------|-------------|-------|-------|
| | | | High-Moisture | | Pkg. 100 | Silage | | All-Purpose | | |
| Overall Width | mm | | | 1943 | | 1943 | 1943 | | | |
| | Inch | | | 76.5 | | 76.5 | 76.5 | | | |
| Width between outside tines | mm | | | 1534 | | 1534 | 1534 | | | |
| | Inch | | | 60.4 | | 60.4 | 60.4 | | | |
| Width between side sheets | mm | | | 1740 | | 1740 | 1740 | | | |
| | Inch | | | 69 | | 69 | 69 | | | |
| Width between tines | mm | | | 67 | | 67 | 67 | | | |
| | Inch | | | 2.63 | | 2.63 | 2.63 | | | |
| Number of tine bars | | | | 4 | | 4 | 4 | | | |
| Number of tines | | | | 96 | | 96 | 96 | | | |
| Pickup tires | | | | Dual 4.00x8, 4 ply | | Dual 4.00x8, 4 ply | Dual 4.00x8, 4 ply | | | |
| Wind guard | | | | Adjustable Pivoting/ Floating | | Adjustable Pivoting/ Floating | Adjustable Pivoting/ Floating | | | |
| Real diameter inside guards | mm | | | 250 | | 250 | 250 | | | |
| | Inch | | | 9.8 | | 9.8 | 9.8 | | | |
| Protection | | | | Adjustable ratchet clutch | | Adjustable ratchet clutch | Adjustable ratchet clutch | | | |

| XtraSweep™ (1.8 meter/71-inch) | | BR730 | | BR740 | | | BR750 | | BR770 | BR780 |
|--------------------------------|------|-------|---------------|-------------------------------------|----------|------------------------------|--------------------------|-------------|-------|-------|
| | | | High-Moisture | | Pkg. 100 | Silage | | All-Purpose | | |
| Overall Width | mm | | | 2132 | | 2132 | 2132 | 2132 | | |
| | Inch | | | 83.9 | | 83.9 | 83.9 | 83.9 | | |
| Width between outside tines | mm | | | 1805 | | 1805 | 1805 | 1805 | | |
| | Inch | | | 71.1 | | 71.1 | 71.1 | 71.1 | | |
| Width between side sheets | mm | | | 2013 | | 2013 | 2013 | 2013 | | |
| | Inch | | | 79 | | 79 | 79 | 79 | | |
| Width between tines | mm | | | 67 | | 67 | 67 | 67 | | |
| | Inch | | | 2.63 | | 2.63 | 2.63 | 2.63 | | |
| Number of tine bars | | | | 4 | | 4 | 4 | 4 | | |
| Number of tines | | | | 112 | | 112 | 112 | 112 | | |
| Pickup tires | | | | Dual 4.00x8, 4 ply | | Dual 4.00x8, 4 ply | Dual 4.00x8, 4 ply | | | |
| Wind guard | | | | Adjustable Pivoting/ Floating | | Adjustable/Pivoting/Floating | | | | |
| Real diameter inside guards | mm | | | 305 | | 305 | 305 | 305 | | |
| | Inch | | | 12 | | 12 | 12 | 12 | | |
| Protection | | | | Adjustable ratchet clutch | | Adjustable ratchet clutch | | | | |

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BR730 BR740 BR750 BR770 BR780

| XtraSweep (2.0 meter/81.5-inch) | BR730 | | BR740 | | BR750 | BR770 | BR780 |
|---------------------------------|-------|---------------|-------|----------|-------------------------------|-------------|---------------------------|
| | | High-Moisture | | Pkg. 100 | CropCutter™ | All-Purpose | |
| Overall Width | mm | | | | 2399 | | 2399 |
| | Inch | | | | 94.4 | | 94.4 |
| Width between outside tines | mm | | | | 2072 | | 2072 |
| | Inch | | | | 81.6 | | 81.6 |
| Width between side sheets | mm | | | | 2280 | | 2280 |
| | Inch | | | | 90 | | 90 |
| Width between tines | mm | | | | 67 | | 67 |
| | Inch | | | | 2.63 | | 2.63 |
| Number of tine bars | | | | | 4 | | 4 |
| Number of tines | | | | | 128 | | 128 |
| Pickup tires | | | | | Dual 4.00x8, 4 ply | | Dual 4.00x8, 4 ply |
| Wind guard | | | | | Adjustable Pivoting/ Floating | | |
| Real diameter inside guards | mm | | | | 314 | | 314 |
| | Inch | | | | 12 | | 12 |
| Protection | | | | | Adjustable ratchet clutch | | Adjustable ratchet clutch |

| Bale Forming Chamber | BR730 | BR730 High-Moisture | BR740 | BR740 Silage Special* | BR750 | BR750 All-Purpose | BR770 | BR780 |
|----------------------|---|--|--|--|--|--|--|--|
| Floor Roll | 12 in. (305 mm) dia. with 8 welded rods | 12 in. (305 mm) dia. with 8 welded rods | 12 in. (305 mm) dia. with 8 welded rods | 12 in. (305 mm) dia. with 8 welded rods | 12 in. (305 mm) dia. with 8 welded rods | 12 in. (305 mm) dia. with 8 welded rods | 12 in. (305 mm) dia. with 8 welded rods | 12 in. (305 mm) dia. with 8 welded rods |
| Forming Rolls | Two steel, 9.92 in. (252 mm) dia. | Two steel, 9.92 in. (252 mm) dia. | Three steel, 9.92 in. (252 mm) dia. | Three steel, 9.92 in. (252 mm) dia. | Three steel, 9.92 in. (252 mm) dia. | Three steel, 9.92 in. (252 mm) dia. | Three steel, 9.92 in. (252 mm) dia. | Three steel, 9.92 in. (252 mm) dia. |
| Stripper Roll | Embossed surface | Embossed surface | Embossed surface | Embossed surface | Embossed surface | Embossed surface | Embossed surface | Embossed surface |
| Starter Roll | Embossed surface fixed | Embossed surface fixed | Steel with welded rods, 6.62 in. (168 mm) dia. | Steel with welded rods, 6.62 in. (168 mm) dia. | Steel with welded rods, 6.62 in. (168 mm) dia. | Steel with welded rods, 6.62 in. (168 mm) dia. | Steel with welded rods, 6.62 in. (168 mm) dia. | Steel with welded rods, 6.62 in. (168 mm) dia. |
| | | Includes steel looped sledge follower roll, tailgate nose roll, and rubber backwrap roll | | Includes steel looped sledge follower roll, tailgate nose roll, and rubber backwrap roll | | Includes steel looped sledge follower roll, tailgate nose roll, and rubber backwrap roll | | |

| Belts | | | | | | | | |
|---------|---------------------|---------------------|--------------------|--------------------|----------------------|----------------------|--------------------|----------------------|
| Number | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 |
| Width | 7 in. (178 mm) | 7 in. (178 mm) | 7 in. (178 mm) | 7 in. (178 mm) | 7 in. (178 mm) | 7 in. (178 mm) | 7 in. (178 mm) | 7 in. (178 mm) |
| Length | 272.5 in. (6920 mm) | 272.5 in. (6920 mm) | 343 in. (8712 mm) | 343 in. (8712 mm) | 420.5 in. (10680 mm) | 420.5 in. (10680 mm) | 343 in. (8712 mm) | 420.5 in. (10680 mm) |
| Surface | Friction, one side | Friction, one side | Friction, one side | Friction, one side | Friction, one side | Friction, one side | Friction, one side | Friction, one side |

| Endless Belts | | | | | | | | |
|---------------|---------------|---------------|---------------|----------|---------------|----------|---------------|----------|
| | Not Available | Not Available | Not Available | Standard | Not Available | Standard | Not Available | Optional |

New Holland BR Roll-Belt™ Round Baler Specifications



BR730 BR740 BR750 BR770 BR780

| Bale Forming and Ejecting Indicators | BR730 | BR730 High-Moisture | BR740 | BR740 Silage Special* | BR750 | BR750 All-Purpose | BR770 | BR780 |
|--------------------------------------|---------------|---------------------|----------|-----------------------|----------|-------------------|----------|----------|
| Bale Size Indicator | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Twine Movement | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Twine Arm Position | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Bale Counter | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Bale Ejector | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Hydraulic Pressure Gauge | Not Available | Not Available | Standard | Standard | Standard | Standard | Standard | Standard |
| Tailgate Latch Indicator | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |

| Bale Wrapping Mechanism | BR730 | BR730 High-Moisture | BR740 | BR740 Silage Special* | BR750 | BR750 All-Purpose | BR770 | BR780 |
|-------------------------|---|---|---|---|---|-------------------------------|---|---|
| Type | One pivoting arm applies two twines at once | One pivoting arm applies two twines at once | Dual twine arms | Dual twine arms | Dual twine arms | Dual twine arms | Dual twine arms | Dual twine arms |
| Twine Control | Electric toggle switch | Electric toggle switch | Automatic, Auto-Wrap™ Bale Command Plus™ | Automatic, Auto-Wrap™ Bale Command Plus™ | Automatic, Auto-Wrap™ Bale Command Plus™ | Automatic, Bale Command Plus™ | Automatic, Auto-Wrap™ Bale Command Plus™ | Automatic, Auto-Wrap™ Bale Command Plus™ |
| Twine Storage | 4 balls | 4 balls | 6 balls | 6 balls | 6 balls | 6 balls | 6 balls | 6 balls |
| EdgeWrap™ Option | Not Available | Not Available | Available | Available | Available | Available | Available | Available |

| Driveline | BR730 | BR730 High-Moisture | BR740 | BR740 Silage Special* | BR750 | BR750 All-Purpose | BR770 | BR780 |
|----------------|------------|---------------------|------------|--|-------------|-------------------|-------------|--------------|
| PTO | 540 rpm | 540 rpm | 540 rpm | 540 rpm | 540 rpm | 540 rpm | 540 rpm | 540/1000 rpm |
| PTO Protection | Shear bolt | Shear bolt | Shear bolt | Shear bolt (Slip clutch on Bale-Slice™ units/ cutout clutch on rotor cutter units) | Slip clutch | Slip clutch | Slip clutch | Slip clutch |

| Tires | BR730 | BR730 High-Moisture | BR740 | BR740 Silage Special* | BR750 | BR750 All-Purpose | BR770 | BR780 |
|-------|-----------------------------|-------------------------|---------------------------------------|--|------------------------------|------------------------------|------------------------------|--|
| Tires | Terra Rib 27x9.50x15, 4-ply | Terra Rib 11Lx14, 6-ply | Grooved implement 31x13.50-15, 6-ply* | Terra rib 31x13.50-15, 8-ply* 9x45-17, 10-ply** | Terra rib 31x13.50-15, 8-ply | Terra rib 31x13.50-15, 8-ply | Terra rib 31x13.50-15, 8-ply | Terra rib 31x13.50-15, 8-ply 19x45-17, 10-ply** |

** Rotor cutter unit (BR740) and xtra-sweep (2.07 M) BR780
* 8-ply with xtra sweep pickups

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BR730 BR740 BR750 BR770 BR780

| Tractor Requirement | BR730 | BR730 High-Moisture | BR740 | BR740 Silage Special* | BR750 | BR750 All-Purpose | BR770 | BR780 |
|---------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Horsepower* | 40 PTO hp (30 kW) minimum | 45 PTO hp (33 kW) minimum | 60 PTO hp (44.8 kW) minimum | 65 PTO hp (48 kW) minimum | 70 PTO hp (52 kW) minimum | 70 PTO hp (52 kW) minimum | 70 PTO hp (52 kW) minimum | 80 PTO hp (60 kW) minimum |
| Hydraulic Remotes** | One Remote | One Remote | One-Two Remotes | One-Four Remotes | One-Three Remotes | One-Three Remotes | One-Two Remotes | One-Two Remotes |

*Tractor horsepower requirement may vary depending upon crop conditions, bale density, bale size and terrain. Be sure the tractor is of sufficient size and weight to insure proper operation under your specific conditions.
** Separate hydraulic remote required for tailgate lift, pickup lift, rotor cutter knives, rotor reverse.

Optional Equipment

| | | | | | | | | |
|--|----------|---------------|------------|---------------|---------------|---------------|---------------|---------------|
| Six-bar pickup conversion kit..... | Yes..... | Yes..... | Yes..... | No..... | No..... | No..... | Standard..... | Standard..... |
| Belt lacer equipment .. | Yes..... | Yes..... | Yes..... | No..... | Yes..... | No..... | Yes..... | Yes..... |
| Front belt guide (laced belts only)..... | No..... | No..... | Yes..... | No..... | Yes..... | No..... | No..... | Yes..... |
| External expeller roll kit..... | No..... | No..... | Yes..... | Yes..... | Yes..... | Yes..... | Yes..... | Yes..... |
| Green feed kit | No..... | No..... | Yes**..... | No..... | No..... | No..... | Yes..... | Yes..... |
| Serpentine roll scraper kit..... | No..... | No..... | Yes..... | Yes..... | Yes..... | Yes..... | Yes..... | Yes..... |
| Front twine box kit..... | No..... | No..... | Yes..... | Yes***..... | Yes..... | No..... | Yes..... | Yes..... |
| Starter roll rake kit..... | No..... | No..... | Yes..... | Yes***..... | Yes..... | Yes..... | No..... | No..... |
| Infeed disc kit..... | Yes..... | Standard..... | Yes..... | Standard..... | Yes..... | Standard..... | Standard..... | Yes..... |
| Rubber backwrap roll assembly..... | Yes..... | Standard..... | Yes..... | Standard..... | Yes..... | Standard..... | Yes..... | Yes..... |
| Crop Saver wheel bundle..... | No..... | No..... | Yes**..... | No..... | No..... | No..... | Yes..... | Yes..... |
| Trash baffle | No..... | No..... | No..... | No..... | Yes..... | No..... | Yes..... | Yes..... |
| Left-hand pickup wheel kit | Yes..... | Yes..... | Yes**..... | Standard..... | Standard..... | Standard..... | Standard..... | Standard..... |
| Hydraulic pickup lift kit..... | No..... | No..... | Yes..... | Yes..... | Yes..... | Yes..... | Yes..... | Yes..... |
| Pressurized water Extinguisher | Yes..... | Yes..... | Yes..... | Yes..... | Yes..... | Yes..... | Yes..... | Yes..... |

** Super Sweep pickup only.
*** Except with Bale-Slice™ option.

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.