
**Bale Handling Equipment
Product Catalogue**

 **Highline**



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OUR MISSION

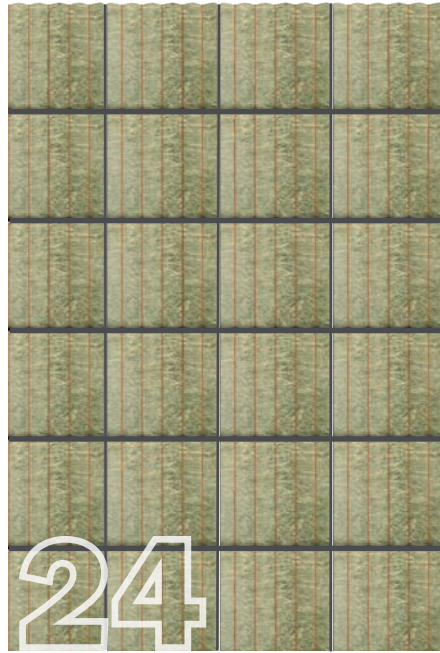
Our mission is to design, manufacture and distribute the highest quality, most durable and reliable farm equipment in the world, which is affordable and meets or exceeds the expectations of our most demanding customers.

Highline Manufacturing is a division of Bourgault Industries Ltd. and as such shares a common standard of "pursuing perfection" in their business approach. Highline's shared approach is to develop relevant products of the highest quality that exceed the expectations of our most discerning customers.

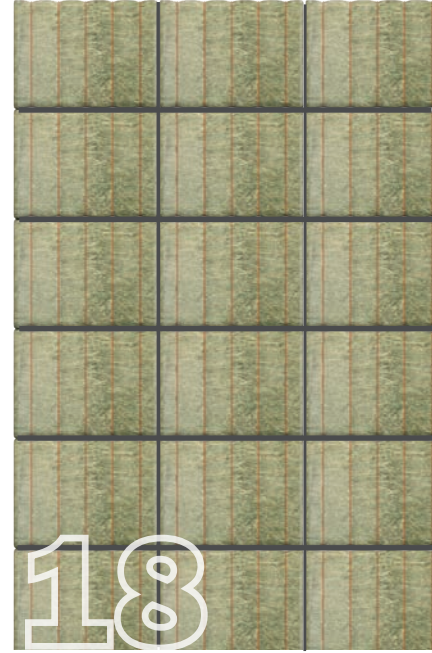


On or Off the Strings

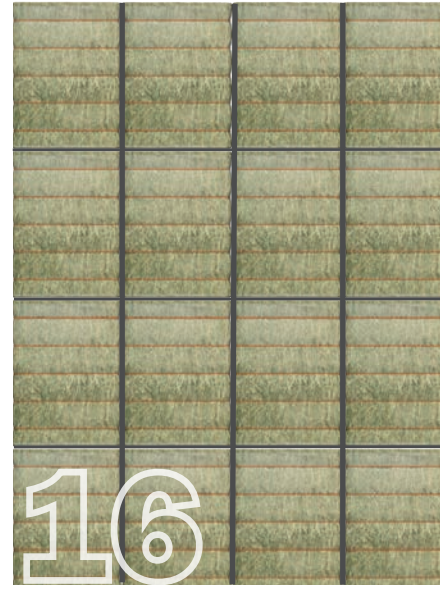
It's Your Choice.



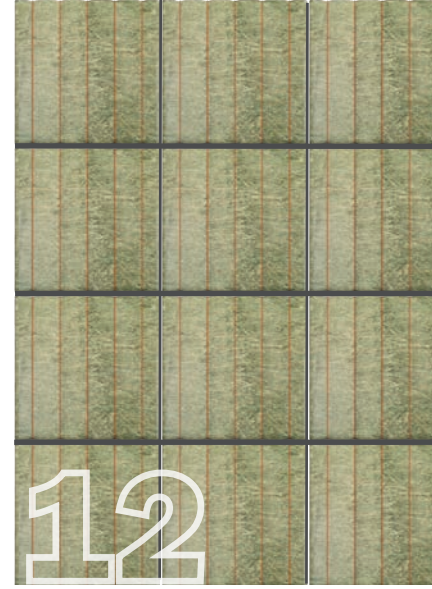
24 Bales - 3' x 3'
On or Off Strings



18 Bales - 3' x 4'
On Strings



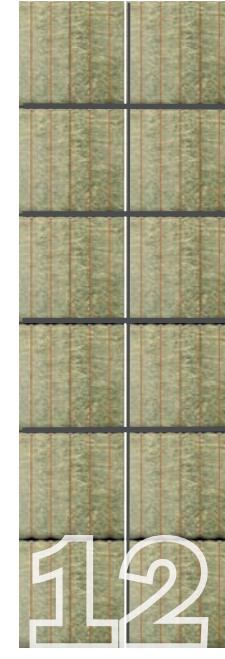
16 Bales - 3' x 4'
Off Strings



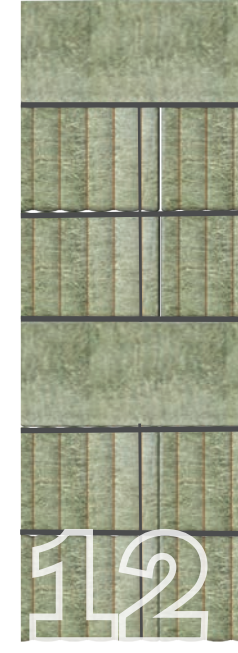
12 Bales - 4' x 4'
On or Off Strings

Flexibility in Stacking

With the FaStack™ 1200.



12 Bales - 3' x 3'
On or Off Strings

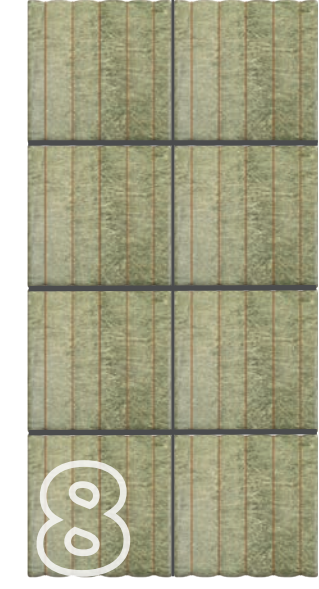


12 Bales - 3' x 4'
On Strings

* Tie Stacking is illustrated above.



8 Bales - 3' x 4'
Off Strings



8 Bales - 4' x 4'
On or Off Strings

FASTACK™ 1800

The number of bales that can be stacked is determined by the size of bale and the orientation of the bale. The FaStack™ can stack the bales “On Strings”(strings down) or “Off Strings”(strings on the side).

FASTACK™ 1200

FaStack™ indicates the ability to stack bales from the end of the stack with a rotating table, giving the user more flexibility as to where the bales can be stacked, whether it be in the field or in a shed.

FS 1800 FASTACK



MORE BALES per load

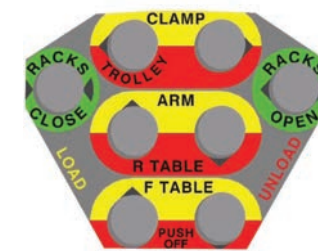
When every second counts, clear the field quickly. The Highline® FaStack™ allows you to do more, faster. With more bales per load than the competition, one operator can effectively retrieve bales from the field and stack them efficiently, making fewer trips, minimizing your costs, and maximizing your productivity.





FASTACK™ 1800 Bale Turn Technology

With the Highline® FaStack™ you have the choice of stacking 'on' or 'off' strings, all from a hand-held remote with no manual adjustments of the machine. With the flip of a switch, you decide how the bales will stack.



IMPROVED CONTROLS

Taking control of the FaStack™ is easily done. The touch screen and remote control puts all of the unit's controls in one hand, allowing you to easily drive the tractor and operate the FaStack™ at the same time.

OFF STRING



ON STRING



Hi-Flotation Tires

The FaStack™ is equipped with hi-flotation tires allowing for smooth travel over deep ruts and uneven terrain.



One and Done

One tip is all it takes to unload. The load is gently and securely lifted to unload the stack.



Side Rails

Side rails secure the bales to keep them in place.



Bumper

The bumper cushions the impact of the bale to help maintain machine life and keep the integrity of the bale intact.

Clamp

The patented clamp arm grabs and lifts the bales up off the ground preventing scrubbing.

Flipper

Allows flexibility in your stacking, giving you the option to stack on or off the strings, depending on your needs.

Bale Assist

For supporting the bale during lift for a gentle transition from the ground to the table. Minimize stress on the bale during loading.



FS 1800 SPECIFICATIONS

Bale Capacity		
3' x 3' (Max. Weight - 1000 lb/454 kg)		24
3' x 4' On String (Max. Weight - 1400 lb/635 kg)		18
3' x 4' Off String (Max. Weight - 1100 lb/499 kg)		16
4' x 4' (Max. Weight - 1400 lb/635 kg)		12
Maximum Length of Bales		8' (2.44 m)
Length - Deck Lowered		31' 11" (9.73 m)
Length - Deck Raised		35' 1" (10.69 m)
Transport Height (Max)		10' 9" (3.27 m)
Height - Bed Tilted		17' 9" (5.40 m)
Transport Width - With Side Racks		13' 7" (4.14 m)
Transport Width - Without Side Racks		N/A
Width - Arm Lowered (Clamp Closed)		
With Side Racks		18' 8" (5.69 m)
Without Side Racks		N/A
Unloaded Weight		16796 lb (7625 kg)
Hitch Weight Empty		3360 lb (1525 kg)
Hitch Weight - Loaded	Cat 3	Cat 4
3' x 3'	N/A	7410 lb (3361 kg)
3' x 4' On String	N/A	7300 lb (3311 kg)
3' x 4' Off String	N/A	7340 lb (3329 kg)
4' x 4'	N/A	7150 lb (3243 kg)

GVW	41996 lb (19066 kg)
Maximum Load Capacity	25200 lb (11441 kg)
Minimum HP	150 hp (112 kW)
Recommended HP	180 hp (134 kW)
Hydraulic Outlets Required	1
Recommended Hyd. Flow	25 GPM @ 3000 psi (95 lpm @ 207 Bar)
Controls	Electric over Hydraulic Hand Held Joystick with Touch Screen
Spindles	4 x 16000 lb (7264 kg) 4 spindles, 4" (900 mm) Diameter
Hubs	10 Bolt type
Tires	Four 550 x 45 x 22.5 Flotation
Side Rails	Standard
Tractor Hydraulic System	Open or Closed Center
Picking Orientation	Same Direction as Baling
Minimum Shed Rafter Height	N/A

The FaStack™ 1800 uses a convenient in cab 12V 15 amp control.

While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change. For the latest product information, please visit: www.highlinemfg.com.

FS 1200 FASTACK



STACKING MADE simple

The FaStack™ 1200 comes equipped with a tandem walking beam axle with high flotation tires and an easy to use joystick and touch screen monitor. The rotating front table (on/off) allows the ability to tie stack. For added security, side rails keep the bales in place for fast stacking.





Two different stacking configurations!

Side stacking with the front table turned off (with the side rack option) gives you faster unloading.

End stacking with the front table turned on gives you a tighter stack.

FS 1200 Advantage

FS 1200

SPECIFICATIONS

Bale Capacity - Cat 3			GVW	34356 lb (15598 kg)
3' x 3' (Max. Weight - 1000 lb/454 kg)		12	Maximum Load Capacity	19200 lb (8717 kg)
3' x 4' On String (Max. Weight - 1000 lb/454 kg)		12	Minimum HP	150 hp (112 kW)
3' x 4' Off String (Max. Weight - 1200 lb/544 kg)		8	Recommended HP	180 hp (134 kW)
4' x 4' (Max. Weight - 1200 lb/544 kg)		8	Hydraulic Outlets Required	1
Bale Capacity - Cat 4			Recommended Hyd. Flow	25 GPM @ 3000 psi (95 lpm @ 207 Bar)
3' x 3' (Max. Weight - 1600 lb/726 kg)		12	Controls	Electric over Hydraulic Hand-Held Joystick with Touch Screen
3' x 4' On String (Max. Weight - 1600 lb/726 kg)		12	Spindles	4 x 16000 lb (7264 kg) 4 spindles, 4" (900 mm) Diameter
3' x 4' Off String (Max. Weight - 1800 lb/816 kg)		8	Hubs	10 Bolt type
4' x 4' (Max. Weight - 1800 lb/816 kg)		8	Tires	Four 550 x 45 x 22.5 Flotation
Maximum Length of Bales		8' (2.44 m)	Side Rails	Optional
Length - Deck Lowered		34' 1" (10.38 m)	Tractor Hydraulic System	Open or Closed Center
Length - Deck Raised		38' (11.60 m)	Picking Orientation	Same Direction as Baling
Transport Height (Max)		10' 12" (3.34 m)	Minimum Shed Rafter Height	23' (7.01 m)
Height - Bed Tilted		19' 5" (5.92 m)		
Transport Width - With Side Racks		10' 7" (3.21 m)		
Transport Width - Without Side Racks		9' 11" (3.02 m)		
Width - Arm Lowered (Clamp Closed)				
	With Side Racks	15' 8" (4.76 m)		
	Without Side Racks	14' (4.57 m)		
Unloaded Weight		15156 lb (6881 kg)		
Hitch Weight Empty		3651 lb (1658 kg)		
Hitch Weight - Loaded	Cat 3 (Tractor Hitch)	Cat 4 (Tractor Hitch)		
3' x 3'	5840 lb (2649 kg)	7360 lb (3338 kg)		
3' x 4' On String	5840 lb (2649 kg)	7360 lb (3338 kg)		
3' x 4' Off String	5940 lb (2694 kg)	7250 lb (3289 kg)		
4' x 4'	5940 lb (2694 kg)	7250 lb (3289 kg)		

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BM 1400 BALE MOVER



PICK FROM both sides

Highline® makes picking bales a breeze. Unloading can be done without ever leaving the cab and with Highline's ingenuity built into every bale mover, you can expect faster bale hauling with only one tractor and operator.



Highline® offers non-stop picking and transporting with only one tractor and operator!

BM 1400 SPECIFICATIONS



All Bale Mover Models have a standard ¼ turn bale fork to automatically turn bales for non-stop loading from virtually any angle.



Chain Rails Polished chain rails are easily adjusted to match different bale sizes. Chain rails are sloped and factory ground to conform to the curvature of round bales, eliminating the need for cleats and reducing broken twines.

A hydraulic motor controls the chains and eliminates gearboxes, bearings and shafts. (Either row of chains can be operated independently on the Bale Mover 1400 allowing you to fill one side before filling the other or fill randomly and out of sequence on either side.)

- ADDITIONAL FEATURES**
- › In-cab electric over hydraulic controls give full hydraulic control with only two hydraulic outlets on your tractor
 - › Undercarriage that walks both side to side and front to back
 - › As the quarter turn lift arm begins to lift the bale, the forward motion slides the bale precisely into position for accurate placement on main bed.
 - › Load soft or wet bales with ease.
 - › Bale rows are designed to give the operator good visibility behind the bale mover. Transport lights and a transport safety chain are standard.
 - › From the cab of the tractor, the deck is lifted hydraulically. The tail of the bale mover is designed to skid over the ground during the unloading process which helps facilitate the bale chains transfer of the bales onto the ground.
 - › Fiber wound bushings on chrome shafts.

Unload Without Ever Leaving The Tractor

Back up the Highline® Bale Mover where you want the bales, tilt the bed, engage the conveyor chains and drive slowly forward. Bales are stored in a long, straight row to minimize weathering damage.

Configuration	Double Row
Horsepower Required	100 hp (75 kW)
Hydraulic Outlets Required	2
Recommended Hyd. Flow	15 GPM @ 3000 psi 60 lpm @ 207 Bar
Bale Capacity	16 x 4' (1.22 m), 14 x 5' (1.52 m)
Tongue Weight (Unloaded)	1740 lb (790 kg)
Tongue Weight (Loaded)	3423 lb (1554 kg)*
Shipping Weight (Unloaded)	9660 lb (4386 kg)
GVW	38000 lb (17252 kg)
Tires	Eight 11L-15 12 ply

Bed Length	37' (11.28 m)
Overall Length	43' 9" (13.34 m)
Transport Width	16' 8" (5.08 m)
Width Unloaded	15' 2" (4.61 m)
Transport Height (Max)	12' 3" (3.74 m)
Frame Rails	8" x 3" x ¼ w
Load Arm	6"x 6" (152 mm x 152 mm)
Cylinders Bale Lift	3½" x 13" (89 mm x 330 mm)
Cylinders Bed Lift	3½" x 16" (89 mm x 406 mm)
Bale Chain	2062 H
Lights & Safety Chain	Standard
Full Load Indicator	Standard

* If there are no bales behind the rear axle of the bale mover, the partially loaded hitch weight can exceed the fully loaded hitch weight even though the overall total is less than fully loaded.

All weights and transport dimensions are estimates and are subject to change.

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BM 605/607 BALE MOVER



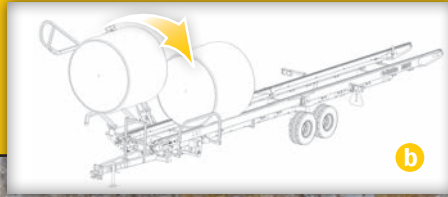
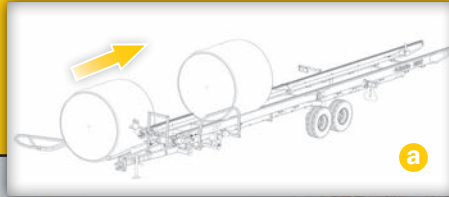
BALE MOVING made easy

Highline's BM 605 and BM 607 features benefits such as narrow transport and the Auto Bale Shuttle to shift your bales while loading. These features help make bale moving fast and easy, saving you time and money.



Auto Shuttle Feature Adds Convenience & Efficiency

Auto Shuttle is a design feature that allows the operator to automatically shift the last loaded bale back exactly one position so you can load the next bale without shuttling the load manually. As you lower the loading arm, the flow of hydraulics are moving the chains back to allow room to load the next bale. This is conveniently done in one easy step.



BM 605/607 SPECIFICATIONS

MODEL	BM 605	BM 607
Configuration	Single Row	Single Row
Horsepower Required	80 hp (60 kW)	90 hp (67 kW)
Hydraulic Outlets Required	2	2
Recommended Hyd. Flow	15 GPM @ 3000 psi 60 lpm @ 207 Bar	15 GPM @ 3000 psi 60 lpm @ 207 Bar
Bale Capacity	6 x 4' (1.22 m), 5 x 5' (1.52 m)	8 x 4' (1.22 m), 7 x 5' (1.52 m)
Tongue Weight (Unloaded)	1372 lb (623 kg)	13750lb (613 kg)
Tongue Weight (Loaded)	2255 lb (1024 kg)*	2283 lb (1036 kg)*
Shipping Weight (Unloaded)	5272 lb (2393 kg)	5826 lb (2645 kg)
Tires	Four 280-70R15 12 ply	Four 280-70R15 12 Ply
GVW	15840 lb (7191 kg)	15840 lb (7191 kg)
Bed Length	26' 9" (8.15 m)	37' 4" (11.39 m)
Overall Length	33' 5" (10.19 m)	44' 1" (13.44 m)
Transport Width	8' 4" (2.55 m)	8' 4" (2.55 m)
Transport Width - With Axle Extension	9' (2.74 m)	9' (2.74 m)
Width Unloaded	8' 4" (2.55 m)	8' 4" (2.55 m)
Transport Height (Max)	13' 2" (4.01 m)	13' 2" (4.01 m)
Bed Height	3' 5" (1.04 m)	3' 5" (1.04 m)
Frame Rails	8" x 3" x ¼" w (203 mm x 76 mm x 6 mm)	8" x 3" x ¼" w (203 mm x 76 mm x 6 mm)
Load Arm	6" x 6" (152 mm x 152 mm)	6" x 6" (152 mm x 152 mm)
Cylinders Bale Lift	5" x 14" (127 mm x 356 mm)	5" x 14" (127 mm x 356 mm)
Cylinders Bed Lift	3" x 10" (76 mm x 254 mm)	3" x 10" (76 mm x 254 mm)
Bale Chain	2062 H	2062 H
Lights & Safety Chain	Standard	Standard
Full Load Indicator	Standard	Standard

Each model uses a convenient in cab 12V 15 amp control.

If there are no bales behind the rear axle of the bale mover, the partially loaded hitch weight can exceed the fully loaded hitch weight even though the overall total is less than fully loaded.

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Highway #27, PO Box 307
Vonda, SK, Canada S0K 4N0

www.highlinemfg.com