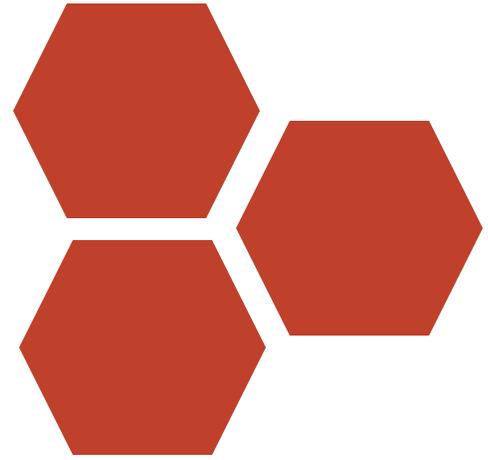


Big Jim

MANUFACTURING

PRODUCT CATALOGUE



CONTENTS

Fixed Frame Packer	3
Superflex Packer	4
Superflex-Magnum Series Packer	6
Lawn Rollers	8
Single Gang Drum Rollers	9
Vertical Fold Drum Rollers	10
Municipal Park Roller	11
FW8800 Forestry Winch	12
Liquid Fertilizer Applicator	13
Field Drawn Cultivators with Narrow Frame	15
Multi-Purpose Grapple	16

Big Jim Products are proudly designed and manufactured in-house for the past 20 years.



5808 Highway 9
Harriston, Ontario
N0G 1Z0
Ph: 519-338-2923 • Fax: 519-338-2756
sales@harcoag.ca

FIXED FRAME PACKER



Match tillage or planting equipment with adjustable frame width ranging 9' to 15', and rigid frame on 3' to 6' and 16' models. Big Jim Packers are available in **Red**, **Green**, and **Blue** frame colours.

They are available in a colour of your choice to match the other equipment on your farm.

Big Jim wheels are designed with heavy hubs and spokes, up to 12% heavier than competitive units.

1 3/4" grade C1045 cold rolled gang shafts, greasable flange style bearings and heavy-duty ductile iron end clamps.

Wheel Options:

- 15" Smooth/Sprocket combination, Grey Iron or Ductile Iron
- 18" Smooth/Sprocket combination, Ductile Iron
- 19" Notched wheel, Ductile Iron
- 20" Crow Foot, Ductile Iron (Shown)

Ductile wheels carry a 3-year limited warranty.



The Optional Transport Package is available in single or dual wheel versions and include:

- Complete hydraulic package with 3000 PSI Cylinders
- DOT tagged safety chain
- 5000 lb tongue jack
- 4000 lb hub assemblies
- 15" rims



Tongue Jack Safety Chain



Cylinder Lock



Shown with Dual Wheel Transport Kit



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Flex packers are available in a 3-section configuration for widths of 21' to 32' (shown on left). Packers 33' to 50' are built on a 5-section frame (shown right). The balanced frame design minimizes tongue weight.

Each wing gang is independently suspended in the middle allowing maximum flexibility on contoured ground. This feature also assures even weight distribution.



Standard Equipment:

- Complete hydraulic package – 3000 PSI Cylinders
- Forged – Adjustable Pintle/Clevis Hitch
- 7000lb drop leg tongue jack
- DOT tagged safety chains
- Tail and turn signal light package
- Dual 11L-15 8-ply tires 21-40 ft – 12 ply on 41-50ft models
- Greasable flange style bearings
- Main frame material – 6" x 6" x 1/4" wall tube
- Wing material – 6" x 4" x 1/4" wall tube
- Pivot pins and gang shafts 1 3/4" C.R. (C1045)

Big Jim Flex Wing packers are available with 18" Smooth / Sprocket combination Ductile, 19" notched Ductile or 20" Crowfoot Ductile Wheels. Ductile Wheels carry a 3-year limited warranty.

Available in Red, Green, and Blue frame colours.

Working Width	Transport Width	Transport Height	Overall Length	Approximate Weight (lbs)		
				18"	19"	20"
21'	12'-8"	10'	212"	6624	5994	5150
22'	12'-8"	10'-6"	212"	6772	6202	5289
23'	12'-8"	11'	212"	7020	6330	5427
24'	12'-8"	11'-6"	212"	7168	6538	5565
25'	12'-8"	12'	212"	7416	6666	5703
26'	12'-8"	12'-6"	272"	7776	6874	6043
27'	12'-8"	13'	272"	8024	7002	6181
28'	14'-8"	12'-6"	272"	8172	7210	6319
29'	14'-8"	13'	272"	8420	7338	6457
30'	16'-8"	12'-6"	272"	8648	7626	6675
31'	16'-8"	13'	272"	8896	7754	6813
32'	16'-8"	13'-6"	272"	9044	7962	6951
33'	14'-8"	10'-9"	272"	9544	8564	7614
34'	14'-8"	10'-9"	272"	9692	8772	7752
35'	14'-8"	11'-3"	320"	9940	8900	7890
36'	14'-8"	11'-3"	320"	10188	9108	8028
37'	14'-8"	11'-9"	320"	10336	9236	8166
38'	14'-8"	11'-9"	320"	10584	9444	8304
39'	14'-8"	12'-3"	320"	10732	9572	8442
40'	14'-8"	12'-3"	320"	10980	9780	8580
42'	14'-8"	12'-9"	320"	11270	10040	8740
45'	16'-8"	13'-3"	392"	See Magnum Series Specs		9020
48'	16'-8"	13'-9"	392"			9470
50'	16'-8"	14'-3"	392"			9770



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SUPERFLEX MAGNUM SERIES PACKER



The Superflex concept has proven to be the most revolutionary design in packers for years. The independent floating design lets each section follow the contour of the soil giving more effective wheel to soil contact. The design also allows each section to independently float over obstacles such as stones without placing excessive weight on the gang causing wheel, shaft or bearing damage.

Construction of the **“Magnum Series”** allows us to produce 40 to 50 foot packers with 19” wheels and scrapers and still maintain sufficient capacity to incorporate heavier larger diameter wheels in the future should the demand arise.

Standard Features:

- Forged Pintle / Clevis Adjustable Hitch
- 7000lb Tongue Jack
- Grade 70 20,000 lb 3/8” DOT approved for agricultural use safety chains x 2
- Tandem 4” x 24” Inner Wing Cylinders
- Tandem 3 ½” x 24” Outer Wing Cylinders
- 2 LED Road Light Boxes
- 14/7 Heavy Jacket Wiring
- 7 Pin Aluminum Light Plug
- Reflective Tape

Options:

- 18” Ductile Smooth Sprocket Combination Wheel
- 19” Ductile Notched Wheel
- Scrapers for 19” Notched Wheels
- 20” Ductile Crowfoot Wheels

Ductile Wheels carry a 3 year limited warranty.



All plumbing neatly arranged and tied in place



Rugged 1 3/4" hinge pins, securely fastened



3 beam outerwing section w/ two cylinders, each packer gang oscillates on centre pin and plastic wear plates



Adjustable clevis hitch, safety chains, 7000 lb tongue jack, steel hydraulic lines



5 bearing main frame section, lights & reflectors standard



Rugged 4 beam main with section with two cylinders

Specifications

Transport Height	-----	15' (50' Model)
Transport Width	-----	16' 8" (all)
Total Weight (46' w/ 19" Wheels)	-----	~15058 lbs
Drawbar Weight (Transport Position)	-----	1100 lbs (46' Model)
Tongue Material	-----	7" x 5" x 3/8" Wall
Tongue Brace Material	-----	3" x 3" x 1/4" Wall
Main Frame Material	-----	6" x 6" x 3/8" Wall
Inner Wing Front Tubes (2)	-----	6" x 4" x 3/8" Wall
Inner Wing Rear Tubes (2)	-----	6" x 4" x 1/4" Wall
Outer Wing Tubes	-----	6" x 4" x 1/4" Wall
Wheel Gang Tubes	-----	6" x 4" x 1/4" Wall
Pivot Pins and Gang Shafts	-----	1 3/4" C.R. (C1045)
Tires (4)	-----	11L-15 12-Ply
Wheels (4)	-----	6 Bolt Solid Centre
Hubs (4)	-----	6 Bolt 5000 lb
Gang Shaft Bearings	-----	1 3/4" NTN Triple Seal
Hydraulic Cylinders	-----	3000 PSI (CDN Made)
Hydraulic Connections	-----	JIC and ORB



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LAWN ROLLERS

The new Big Jim lawn roller is a natural extension of the field roller currently manufactured in Harriston, Ontario! The same ruggedness is built right in.

The roller is offered in 4', 5' and 6' sizes. They are a heavy-duty design. An Extra Heavy-Duty version is available with sizes up to 8'.

The dry weight of these rollers is serious!



	Heavy Duty	Extra Heavy Duty
4'	606 lbs	720 lbs
5'	733 lbs	857 lbs
6'	864 lbs	998 lbs
7'	--	1135 lbs
8'	--	1272 lbs

Additional weight can be achieved by filling the drum with water. This will add up to **290** lbs per foot.



The drum is made from tubular steel 30" in diameter and 3/8" thick. The end plates are 10-gauge steel with 1" bearing on the standard roller. The Extra Heavy-Duty version uses 1/4" steel with 1 3/4" pillow block bearings.



The Extra Heavy-Duty frame is made of 2" square tubing that is 3/16" thick. It has mitered corners and surrounds the drum for added strength. The drum is painted black, and the frame is available in a variety of colours to match your tractor.



A standard hitch clevis is used.



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Single Gang Features:

- 30" Diameter x 3/8" Wall Drum
- 4" x 3" x 3/16" Wall Tongue
- 4" x 4" x 1/4" Wall Main Frame
- 1/4" Thick Inner End Plates
- 3/8" Thick Outer End Plates
- 1 3/4" Drum Shafts
- 1 3/4" Greasable Bearings
- Drum Scrapers
- Models from 9'-6" to 16'-6"

Single or Dual Transport Kits Include:

- 5000 lb Tongue Jack
- Complete Hydraulic Package
- 3000 PSI Hydraulic Cylinders
- 11,000 lb Safety Chain
- Rims
- Tires Optional

*Available in Red, Green and Blue Frames



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Standard Features:

- 30" Diameter x 3/8" Wall Drum
- 3/8" Thick Inner End Plates
- 1/2" Thick Outer End Plates
- 2-7/16" Drum Shafts
- 2-7/17" Greaseable Ductile Pillow Block Bearings
- 6" x 6" x 1/4" Wall Main Frame
- 6" x 4" x 3/8" Wall Tongue
- 6" x 4" x 1/4" Wall Wing Frames
- Height Adjustable Pintle / Clevis Hitch
- 7000 lb Drop Leg Tongue Jack
- Double Safety Chains – 21000 lbs each
- Dual Wheels w/ 11L-15 8-Ply Tubed Tires
- 3000 PSI Hydraulic Cylinders
- Drum Scrapers
- Implement Safety Lights & Reflectors
- Balanced Frame Design for minimum torque weight
- Models from 20'-6" to 34'-6"

Available in
**Red, Green and
 Blue** Frames



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Approximate Weights (7' Model)

Roller (Dry)	1637 lbs
Light Package	20 lbs
Single Wheel Transport Kit	390 lbs
Dual Wheel Transport Kit	470 lbs

Standard Features

- 30" x 3/8" Wall Roller Tube
- 1/4" Thick Roller End Plates
- 1 3/4" Roller Centre Shaft
- 1 3/4" Greaseable Bearings
- Ballast Fill and Vent Plugs
- Adjustable Drum Scraper
- 4" x 4" x 1/4" Wall Main Frame
- 4" x 3" x 1/4" Wall x 6' Long Tongue
- Non-adjustable Clevis Style Hitch
- Reflective Safety Tape on Outer Front and Rear Corners

Options

- 4 Lamp Stop/Turn Tail Light Package with 7-pin Round Plug (Agricultural Wire Schematic)
- Various Tire Options
- Swivel Clevis Hitch

Single or Dual Wheel Transport Kits Include:

- DOT approved 11,000 lb Safety Chain
- Tongue Jack
- Hydraulic Cylinders
- Hoses & Quick Couplers
- Cylinder Transport Locks
- 4000 lb Hubs and Spindles
- 15" x 6 Bolt Agricultural Wheels
- SMV Sign



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Features:

- 1 ½" Diameter Drum Shaft
- Single Nut Clutch Adjustment
- 7/16" Diameter Cable
- Upper Support on top pulley allows easier pulley swivel
- Removable front shaft support
- Single upper and lower safety shields allow quick and easy access to complete drive
- #50 Chain Drive
- Adjustable Idler Sprocket
- #4 PTO Shaft
- 3/8" Thick Blade with Chain Slots
- 8800 lb Pulling Force (at first wrap of drum)
- Upper Pulley Bearings Sealed One Side and Greaseable
- Lower Pulley has Greaseable Bushing
- Twin Storage Stands
- 40 to 80 HP Tractor Range
- Choker Chain Storage Boxes on Both Sides
- Optional Safety Screen



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LIQUID FERTILIZER APPLICATOR



Features:

- Tubular Steel Frame Construction
- Convertible Hitch Clevis
- Transverse Mounted Tank
- LED Implement Lights
- Tire-to-Tire Pump Drive
- 2" Bottom Fill Plumbing
- Rockshaft Lift System
- Safety Chain
- 12/4 x 24 Tires
- Blu-Jet® Coulters
- John Blue Piston Pump
- 300 or 500 Gallon Tank Capacity
- Knife or Stream Injection
- Fixed 60" or 90" Axles
- Adjustable Axle or 60"-90"

To build a Big Jim Liquid Fertilizer Applicator, Select One Item from Each Section:

Section 1	
Model	Description
BJLA00100	Base Unit

Section 2	
Model	Description
BJLA00105	300 Gallon Tank
BJLA00106	500 Gallon Tank

Section 3	
Model	Description
BJLA00102	60" Fixed Axle
BJLA00104	80" Fixed Axle
BJLA00111	90" Fixed Axle
BJLA00103	60"-90" Adjustable Axle

Section 4	
Model	Description
BJLA00107	5R30 Fixed Tool Bar
BJLA00110	7R30 Fixed Tool Bar
BJLA00108	5R30 Folding Tool Bar
BJLA00109	7R30 Folding Tool Bar

For Different Row Spacing Configurations contact Harco Ag

Section 5	
Model	Description
LA0134	Coulter / Stream Injection
LA0133	Coulter / Knife Injection

Section 6	
Model	Description
BJLA00101	Single Piston Pump, Drive, Plumbing
BJLA00112	Double Piston Pump, Drive, Plumbing



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FIELD DRAWN CULTIVATOR WITH NARROW FRAME



Big Jim Field Drawn Cultivators are ideal for orchard or vineyard applications where large cultivator features are packed onto a narrow frame.

Frame sizes from 7' to 11' are offered. (9' shown)

The frame is constructed of heavy gauge 2 1/2" x 2 1/2" square tubing.

The Big Jim Field Drawn Cultivator is supported on 7.60 x 15 implement tires. Hydraulic lift is provided by rephrasing cylinders with mechanical depth control.



The adjustable hitch clevis has a wide range of settings to accommodate a variety of tractor drawbar heights.

Comes standard with a safety chain.



Shown with option rolling baskets



- Heavy Duty
- 26" High Clearance
- "S" Tines are Standard, Spaced at 4" or 6"



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MULTIPURPOSE GRAPPLE



Shown with 3 claw solid assembly

Quick Change Claw Options:



Single



Double

- Brush Raking or Piling
- Log lifting, Piling or Loading
- Orchard Pruning, etc.
- Round and Square Bale Grabbing
- Moving Loose Hay and Straw
- Moving Scrap Metal and Tires
- Bind and Dirt-Free Trimming and Blocking of Tree Tops

The Big Jim Multipurpose Grapple is available with Frey, Alo and Skid Steer quick attach brackets and universal pin brackets (1" diameter pin). The Grapple consists of 3/4" thick x 5" deep teeth. Teeth are tied together with 1 3/4" and 1" diameter round bar and reinforced with 4" x 2" x 1/4" wall tubing on back side of grapple. Teeth are spaced 12" centres to allow dirt to pass through, but still pick up branches, roots, and many other objects. Several different claw options are available to suit the customers' specific requirements.



Logs & Slabs



Bales



Scrap



Brush



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