

Bale Carriers | Mowers | Rakes | Tedders





Farm King Hay Tools: bale carriers, mowers, rakes and tedders

FARM KING PRODUCT LINE-UP

FARM KING PRODUCT CATEGORIES

Grain Handling

Tillage

Application Equipment

Hay Tools

Landscaping Equipment

Allied by Farm King - Commercial Products

FARM-KING.COM

FARM KING HAY TOOLS ARE BACKED BY DECADES OF QUALITY BUILT PRODUCTS FOR JUST ABOUT EVERY AGRICULTURAL APPLICATION.

Getting your hay from the field to the barn has never been easier than with the full line of Farm King hay equipment. Known for their simplicity and reliability Farm King implements meet the needs of your operation. Visit your local dealer today and improve your bottom line.

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ROUND BALE CARRIER

ROUND BALE CARRIER

PRODUCT OVERVIEW

The quick and safe way to move round bales

4 x 6 or 5 x 6 bales

60 hp required, 1450
80 hp required, 2400
100 hp required, 2450

FEATURES

Rotating pickup arm

Simple hand-held controls

Bale deflector



ROUND BALE CARRIER

MODELS 1450, 2400 AND 2450



DECK

The heavy duty undercarriage and tandem walking beam axles ensure reliable transport to the unloading area. To unload, the operator tilts the carrier deck using the tractor control. Once the rear of the deck is on the ground, the pusher, controlled with the hand-held remote, unloads the bales in tight end-to-end rows.

PICKUP ARMS

Gentle yet rugged pickup arms place bales on the deck where a pusher, powered by two hydraulic motors, slides the bales back on graphite coated carrier beams (models

1450, 2450). This means efficient bale handling, less stress and more bales moved each day.

PUSHER

After bales are lifted onto the deck, a pusher moves the bales rearward. The pusher has two settings that are selected on the hand held remote. The operator can choose the most efficient speed and torque for varying conditions: 'high' for dry hay and straw; 'low' provides additional torque for wet or high moisture silage bales, and the pusher moves with less speed.



THE FARM KING 1450 ROUND BALE CARRIER CAN CARRY SEVEN 5' X 6' BALES WEIGHING UP TO 900 KG (2,000 LB) EACH IN A SINGLE ROW.

The double wide Farm King 2450 has twice the capacity. Ideal for hilly terrain the shorter, more maneuverable 2400 can carry ten 4' x 6' round bales. Heavy-duty construction means the bale carriers are robust, yet designed to load and unload bales quickly and without damage. Lower bale handling costs and simple maintenance help improve the profitability of your hay.

[1] Graphite coated beams available on models 1450 and 2450 [2] Pickup arms [3] Pusher [4] Hand-held remote [5] Transport lights



MODEL 1450

A single-row carrier can accommodate seven 5' x 6' bales, or eight 4' x 6'. Equipped with a single-sided pickup arm.



MODEL 2400

The double wide, short model is ideal for picking bales in hilly terrain, with a capacity of up to ten 4' x 6' or eight 5' x 6' bales.



MODEL 2450

With a capacity of up to sixteen 4' bales, fourteen 5' bales, the 2450 minimizes the number of trips out to the field.



ROUND BALE CARRIER



STANDARD ARM

The 1450S, 2400S and the 2450S feature standard pickup arms. A bale deflector is built into the outer fork which means bales can be picked up from either the 'end-on' or 'side-on' position. This allows the operator to approach the bale from any angle.

Model 2400 features a right-hand side pickup arm while model 2450 is equipped with both left-hand and right-hand side pickup arms for even more maneuverability and convenience. Model 2400 features an optional bale stop indicator for use with more narrow bales (4').



ROTATING PICKUP ARM

The 1450R and 2450R are equipped with rotating pickup (RPU) arms with forks that hydraulically squeeze, rotate and lift bales onto the deck for 'side-on' picking. This allows the operator to follow the travel of the baler.

LIFT SEQUENCE



Approach



Pick



Lift



Roll



Raise



Unload

MODEL	1450	2400	2450
Capacity	GVW: 18,720 lb (8,491 kg) Eight - 4' (1.2 m) wide bales Seven - 5' (1.5 m) wide bales	GVW: 18,720 lb (8491 kg) Ten - 4' (1.2 m) wide bales Eight - 5' (1.5 m) wide bales	GVW: 37,440 lb (16,983 kg) Sixteen - 4' (1.2 m) wide bales Fourteen - 5' (1.5 m) wide bales
Tractor requirements	60 hp (45 kW) at 12,480 lb (5,660 kg) Maximum recommended speed when loaded is 20 mph (32 km/hr)	80 hp (60 kW) at 12,480 lb (5,660 kg) Maximum recommended speed when loaded is 20 mph (32 km/hr)	100 hp (75 kW) at 25,000 lb (11,340 kg) Maximum recommended speed when loaded is 20 mph (32 km/hr)
Hand held remote control	Power: 12v, Fuse: 15 amp	Power: 12v, Fuse: 15 amp	Power: 12v, Fuse: 15 amp
Hydraulics	Two double acting circuits required	Two double acting circuits required	Two double acting circuits required
Hydraulics, lift cylinder	One - 3" diameter	One - 4" diameter	Two - 3" diameter
Hydraulics, tilt cylinder	One - 3" diameter	One - 3" diameter	Two - 3" diameter
Hydraulics, motor	Two - 22.0 cu. in	Two - 22.0 cu. in	Four - 22.0 cu. in
Tires	(Four) 12.5L x 15FI tires, load range F, intermittent unloaded highway use	(Four) 12.5L x 15FI tires, load range F, intermittent unloaded highway use	(Eight) 12.5L x 15FI tires, load range F, intermittent unloaded highway use
Tires, capacity	4,680 lb (2,130 kg) at 90 PSI inflation	4,680 lb (2,130 kg) at 90 PSI inflation	6 bolt with twine guard
Tires, hub	6 bolt with twine guard	6 bolt with twine guard	6 bolt with twine guard
Tires, wheel	Heavy-duty implement style	Heavy-duty implement style	Heavy-duty implement style
Deck length	37' (11.3 m)	26' (7.9 m)	37' (11.3 m)
Overall length	44' (13.4 m)	34' (10.4 m)	45' (13.7 m)
Transportation width	8.5' (2.6 m)	12' 7" (3.8 m)	12.75' (3.9 m)
Hitch weight	Empty vertical drawbar load 1,365 lbf (6,071N)	Empty vertical drawbar load 1750 lbf (7,789N)	Empty vertical drawbar load 2,395 lbf (10,653N)
Shipping weight	5,495 lb (2,498 kg)	6,600 lb (2,995 kg)	9,587 lb (4,348 kg)

SQUARE BALE CARRIER

SQUARE BALE CARRIER

PRODUCT OVERVIEW

Stacks bales in uniform tight rows

Simple operation

100 hp required

FEATURES

In cab control for complete manual and automatic operation

Hand held remote control

Graphite coated beams



SQUARE BALE CARRIER

MODEL 4480XD



BALE PUSHER

After bales are lifted onto the deck, a pusher powered by two hydraulic motors moves the bales rearward. The high torque setup ensures that even heavier bales or situations where there is increased resistance will not stop the pusher from operating normally.

HYDRAULICS

The bale carrier automatically adjusts its hydraulic configuration to correspond with the hydraulic system on the tractor, as selected by the operator. The bale carrier is compatible with open-center, closed-center, or load-sensing closed-center hydraulic systems.

REDUCE STRESS

The beams on the carrier deck have been covered with a special graphite coating that allows the bales to slide with minimal effort.

CARRIER ARM

The reinforced carrier arm enhances the structural integrity of the machine. Hydraulic hoses and electronic sensors have been positioned to avoid being pinched or damaged by moving parts.



WITH YEARS OF ON-FARM TESTING AND REFINEMENTS THE FARM KING 4480XD SQUARE BALE CARRIER OFFERS SIMPLIFIED OPERATION AND AN INTUITIVE DISPLAY.

The Farm King 4480XD Square Bale Carrier improves its capacity with 9 4'x4', 18 3'x4' and 24 3'x3' bales picked per load. With full customization and the quarter turn option you can configure it to perform to your operation's needs. The 4480XD features a host of new innovations and technology designed to increase efficiency, maximize durability and minimize bale damage.

[1] Two hydraulic motors power the bale pusher [2] Rear unloading forks [3] Reinforced carrier arm [4] Pusher chain [5] Hydraulics



CHAIN

The chain that powers the pusher is recessed beneath the beams so the weight of the bale is never resting fully on the chain, minimizing bale stress and limiting the chance of string breakage.

UNLOADING

Unloading is quick and easy thanks to the innovative design of the carrier. The rear deck tilts backward, resting the back half of the load on the ground. Move the carrier forward and return the tilt deck to the neutral position. Push the remaining bales to the back of the carrier and repeat the process.

STRUCTURE

The Farm King 4480XD square bale mover features a heavy-duty undercarriage and 4" x 8" beams to support heavy loads under stress. The 4480XD also has eight bolt heavy-duty wheels. The tandem walking beam axles reinforce the overall stability and structural integrity.

STACKING

The bales are stacked in tight rows. The strings are not touching the ground, which prevents prolonged exposure to surface moisture. As settling occurs, the bales rest together in a structurally sound stack.

SQUARE BALE CARRIER



A hand-held control and a system monitor are responsible for programming and operating the Farm King 4480XD Square Bale Carrier. The hand-held control activates the pickup arm and initializes the pickup sequence and operates the pusher and tilt deck.

SYSTEM MONITOR

Shipped from the factory with default settings and preset bale sizes, the bale carrier is ready for operation once the operator indicates the type of hydraulics the operating tractor is using: open center, closed center or closed center with load sensing. The carrier adjusts its hydraulic operation to match that of the tractor.

HAND-HELD CONTROL

The hand-held control connects to the in-cab harness, which is compatible with the standard 3-tab accessory port on most tractors. The wiring harness is designed to make connections to the power supply and components virtually fool-proof. To initiate the sequence, press the “start” button when the bale is within the grab arm of the carrier. The grab arm squeezes the sides of the bale then gently lifts the bale off the ground. When the arm reaches a preset height, it rotates 90 degrees and sets the bale on the carrier deck. The arm then returns to the neutral or “home” position.



AUTO

The operator simply chooses from one of the preset bale sizes listed on the monitor and indicates preference of single- or double-row stacking.

CALIBRATE

Every operator has a different set of requirements and the 4480XD Square Bale Carrier has several customization options. On the monitor, the operator can set grab arm approach height, squeeze pressure and lift height. A pressure status bar on the monitor allows for quick fine-tuning and customization, and three memory slots are available for various bale sizes.

DIAGNOSTIC

The carrier features a diagnostic mode that provides the status of seven sensors strategically placed throughout the machine. When the machine is in its neutral, or “Home” position, a quick check of all seven sensors will indicate that the machine is ready to use, or specify which area of the carrier needs attention.

MANUAL

This mode allows the operator to manually operate each function of the bale carrier, which is useful for picking up a bale that is heavier than the others, or is a different size.

1/4 TURN FEATURE

The 1/4 turn feature allows the choice on how bales are placed for storage or transport, with minimal effort bales can be placed on or off strings. When selected the 1/4 turn flip arms are activated on the bed of the carrier itself.

The bales are placed on the loading zone prior to the pusher arm moving them rearward.

MODEL	4480XD
Overall Length	42' 8" (13 m)
Usable Deck Length	34' (10.36 m)
Overall Width	13' 10" (4.2 m)
Width (Without Loading Arm)	10' 2" (3.1 m)
Transport Width	10' 2" (3.1 m)
Overall Height	15' 10" (4.8 m)
Tipping Frame Height (Raised)	15' 10" (4.8 m)
Rotate Arm Height (Lift Arm Fully Raised)	15' 7" (4.75 m)
Weight (empty)	9485 LB. (4302 KG) (APPROX.)
Hitch Weight (empty)	1950 LB. (884 KG) (APPROX.)
Hitch Weight (maximum)	7500 lb. (3402 kg) (approx.)
Tires	Eight 12.5L x 15 - Load Range F
Hubs	8 Bolt Heavy Duty
Hub Spindle / Tire Capacity	8000 lb. (3630 kg) @ 90 psi
Hydraulic Flow (closed or open center)	25 US gpm (80 lpm) @ 3000 psi
Maximum Hydraulic Pressure	3500 psi (24132.5 kPa) (241 bar)
Operating Hydraulic Pressure	3000 psi (20685 kPa) (207 bar)
Hydraulic Motors (Pusher)	Dual 22.2 cu. in.
Lift Cylinder	4" diameter x 18" stroke
Clamp Cylinder	3" diameter x 16" stroke
Rotate Cylinder	3" diameter x 16" stroke
Tilt Cylinders	3.5" diameter x 36" stroke
Electrical	12V (Internal Fuse Protection)
Maximum Load	25,000 lb. (11,300 kg)
Bale Length	8' (2.4 m)
48" x 48" (122 x 122 cm) Bales	9 Bales (single row on carrier) / 8 Bales (single row with 1/4 turn)
32" x 35" (81 x 90 cm) Bales	24 Bales (double row on carrier) / 20 Bales (double row with 1/4 turn)
36" x 48" (91 x 122 cm) Bales	18 Bales (double row on carrier) / 10 Bales (single row with 1/4 turn)

DISC MOWER

DISC MOWER

PRODUCT OVERVIEW

8', 9' and 10' mowers

Category II

65 to 95 hp required

FEATURES

Up to 16 blades

Hot forged steel round discs

Double spring shock absorbers

OPTIONS

540 or 1000 RPM PTO

Finger or roller conditioners available



DISC MOWER

PENDOLARE MODELS 245, 285, 320



SHOCK ABSORBERS

Double spring shock absorbers allow setting the best weight for the mower to maintain even pressure on the ground, always giving a clean cut without damaging the grassy surface.

HOT FORGED STEEL ROUND DISCS

Hot forged steel round discs provide a high quality cut in all conditions, while requiring less power. The size allows further setback from the stone guards and the shape prevents shock when stones are struck. The forged steel blades are particularly resistant and do not bend or flex. They last about three times longer than standard blades in most conditions and are fixed with strong high resistance bolts.

TRANSPORT POSITION

With standard transport the machine swings to the rear; with optional transport the machine gets raised to a vertical position, making perfect use of space and weight distribution. The single acting cylinder is used to raise the mower for transport. It has an automatic lock that can be released with a rope from the tractor.

MAIN SUPPORT

Assembled in one module and attached to the cover with 6 bolts to maximize the strength of the support. It lets you easily inspect inside the cutter bar. Bearings with strong stress transmissibility (1.2" (30 mm) pitch) can bear the greatest shear strains and the bearings are spaced to enhance resilience. Pinion thickness is 0.7" (17 mm) and diameter of the shaft is 1.4" (35 mm).



FARM KING IS PROUD TO INTRODUCE THE PENDOLARE DISC MOWER SERIES TO THE CUTTING TEAM.

The Pendolare models are constructed using only the highest-grade steel and gear components. Cutting discs and blades are easily accessible by removing six bolts and the sturdy cover to reveal the inner workings of each disc assembly. Tractors ranging in horsepower from 65 to 95 can operate the three exclusive mower sizes with ease.

The cutting unit consists of a central pendulum suspension with double shock springs. This allows a constant adjustment of the weight on the ground and allows the cutting bar to follow the soil profile for a clean cut.



CUTTER BAR BREAKAWAY

The machines are all fitted with the “non-stop” cutter bar breakaway, which means you can continue cutting without stopping the machine with no need to reverse if an obstacle is found. It is automatically rearmed without assistance from the operator or the hydraulic system.

GEARBOX

The heavy-duty gearbox cover has a thickness of 0.2" (5 mm) and features an integrated reinforcement. This helps prevent flexing of moving parts, especially on uneven terrain. The oil bath gearbox improves lubrication, provides faster cooling and efficient movement.

MODEL	245	285	320	245F	285F	320F	245R	285R	320R
Working width	8' (2.4 m)	9' 4" (2.87 m)	10' 8" (3.29 m)	8' (2.4 m)	9' 4" (2.87 m)	10' 8" (3.29 m)	8' (2.4 m)	9' 4" (2.87 m)	10' 8" (3.29 m)
Conditioner type	n/a	n/a	n/a	Finger	Finger	Finger	Roller	Roller	Roller
Number of discs	6	7	8	6	7	8	6	7	8
Number of blades	12	14	16	12	14	16	12	14	16
Tractor requirements	65 hp	75 hp	80 hp	70 hp	80 hp	90 hp	75 hp	85 hp	95 hp
Weight, lb (kg)	1,370 lb (621 kg)	1,525 lb (692 kg)	1,675 lb (760 kg)	1,675 lb (760 kg)	1,850 lb (839 kg)	2,050 lb (930 kg)	1,765 lb (801 kg)	1,940 lb (880 kg)	2,140 lb (971 kg)



DISC MOWER

MODELS MDN5, MDN6, MDN7

DISC MOWER

PRODUCT OVERVIEW

7', 8' and 9' mowers

Category I-II

40 to 55 hp required

FEATURES

Free-swinging blade

3 inch (76 mm) blade overlap

Hydraulic lift

Dual suspension springs for a smooth motion

The centrifugal force creates a vacuuming effect on the blades of grass and allow for a nicely manicured look.

THE FARM KING MDN 5, 6 AND 7 ARE CONSTRUCTED USING ONLY THE HIGHEST-GRADE STEEL AND GEAR COMPONENTS.

Cutting discs and blades are easily accessible by removing six bolts and the sturdy cover to reveal the inner workings of each disc assembly. Tractors ranging in horsepower from 40 to 50 can operate the three exclusive mower sizes with ease. Two cone discs are located on each end of the disc assembly to assist in swath formation and shaping.

FREE-SWINGING BLADE

The MDN 5, 6 and 7 come standard with 15-inch discs and 4-inch long blades with a 3-inch blade overlap. The free-swinging blades create a precise cut when reaching rotation speeds of 3000 rpm.

matter of seconds. The transport mode features an automatic locking mechanism. Simply pull on the rope located near the 3-pt hitch assembly and the locking mechanism is deactivated to lower the mower into position.

TRANSPORTATION

Transportation is effortless with the help of a single acting hydraulic cylinder that maneuvers the mower precisely in a

HYDRAULICS

A single acting cylinder allows the operator to control the mower's position from the seat of the tractor.

MODEL	MDN5	MDN6	MDN7
Number of discs/blades	5/10	6/12	7/14
Working width	7' (2.10 m)	8' 1" (2.45 m)	9' 4" (2.85 m)
Blade rotation speed	3000 RPM at 540 G'	3000 RPM at 540 G'	3000 RPM at 540 G'
3-point hitch	Cat. I / II	Cat. I / II	Cat. I / II
PTO	540 RPM	540 RPM	540 RPM
Tractor requirements	40 hp (30 kW)	50 hp (36 kW)	55 hp (40 kW)
Weight	1,100 lb (499 kg)	1,200 lb (544 kg)	1,300 lb (590 kg)



SICKLE BAR MOWER

MODELS RSB6, RSB7, RSB9

AVAILABLE IN THREE SIZES THE FARM KING SICKLE BAR MOWER WAS DESIGNED FOR SIMPLE OPERATION AND EFFECTIVE CUTTING.

A dual-action cutter bar ensures a fast, clean and even cut every time. The tilting mower bar allows you to cut on ditches, embankments, and hills. The operating range is from 90 degrees up to 45 degrees down.

MODEL	RBS6	RBS7	RBS9
Working width	6' (180 cm)	7' (213 cm)	9' (274 cm)
Lift type	Manual/Hydraulic	Manual/Hydraulic	Hydraulic
Working speed	9 mph (15 km/hr)	9 mph (15 km/hr)	9 mph (15 km/hr)
3-pt hitch	Cat. I / II	Cat. I / II	Cat. I / II
HP required	25 hp (19 kW)	25 hp (19 kW)	40 hp (30 kW)
Weight	583 lb (264 kg)	634 lb (287 kg)	711 lb (322 kg)



BALE WRAPPER

BW150, BW200

THE FARM KING BALE WRAPPERS QUICKLY AND SAFELY PROTECT ROUND BALES.

The bale wrapper BW150 is a static machine connected to the tractor using 3-point hitch and powered by the hydraulic motor of the tractor PTO. The BW200 is a professional trailed machine with lateral side loading arm designed for farmers who are looking for a high performing bale wrapper.

MODEL	BW150	BW200
Dimensions, overall	8.7' x 4.7' x 5.4' (265 x 143 x 166 cm)	13.6' x 8' x 7.5/8.5' (415 x 245 x 230/260 cm)
Dimensions, bale	47" x 47" (120 x 120 cm)	47" x 47" (120 x 120 cm) 47" x 59" (120 x 150 cm)
Dimensions, film spool	20"/30" (50/75 cm)	20"/30" (50/75 cm)
HP requirements	40 hp (30 kW)	70-80 hp (52 - 60 kW)
Weight	993 lb (450 kg)	2,095 lb (950 kg)



TEDDER MODEL RT10

TEDDER

PRODUCT OVERVIEW

Ideal for all terrain, even hills

Width of 10' (310 cm)

20 hp required

FEATURES

6-Arm rotors

8' transport width

Unique tine design

FARM KING OFFERS MOUNTED AND PULL TYPE TEDDERS FOR SPREADING, AERATING AND TURNING OF FORAGE.

Farm King Tedders evenly spread and mix forage so that it is uniformly dried and prepared for baling or processing. Model RT10 is ideal for smaller field structures and features a robust design for low maintenance and long life.

UNIQUE TINE DESIGN

The unique tines on all Farm King Tedders ensure that all of your hay is picked up and distributed evenly. The tines also allow the tedder to work at a steep operating angle, without leaving hay between the rotors.

the field faster. Farm King Tedders reduce operating costs, by working at relatively low revolutions and high driving speeds. Operating at 8-10 mph gives you optimum fuel economy while tedding.

HIGHER QUALITY

Tedding provides you with higher quality forage and allows you to get your crop off

- [1]** Flexible steel tines help to protect forage.
- [2]** All Farm King Tedders feature a Cardan shaft with slip clutch for increased life and low maintenance.

MODEL	RT10	RT17	RT19	RT24
Working width	10' (310 cm)	17' (520 cm)	19' (570 cm)	24' (745 cm)
Transport width	8' 2" (250 cm)	9' 2" (280 cm)	10' 5" (320 cm)	9' 8" (300 cm)
Working speed	9 mph (14 kph)	9 mph (14 kph)	9 mph (14 kph)	9 mph (14 kph)
Rotors / arms per rotor	2 / 6	4 / 6	4 / 6	6 / 6
Tires	2, 3.50 x 6	4, 16 x 6.50 x 8 ply	4, 16 x 6.5 x 8 ply	6, 16 x 6.5 x 8 ply
HP requirements	20 hp (15 kW)	20 hp (15 kW)	20 hp (15 kW)	30 hp (22 kW)
PTO	540 RPM	540 RPM	540 RPM	540 RPM
Weight	490 lb (222 kg)	1,275 lb (578 kg)	1,400 lb (635 kg)	1,918 lb (870 kg)



TEDDER MODELS RT17, RT19, RT24

TEDDER

PRODUCT OVERVIEW

Ideal for all terrain, even hills

3-pt hitch and pull type

20 to 30 hp required

FEATURES

6-Arm rotors

9' transport width

Unique tine design

Hydraulic fold and tilt

OPTIONS

Hydraulic tilt (RT17)

[1] Unique tine design allows for a uniform drying of forage.

[2] Farm King Tedder models RT17, RT19 and RT24 feature hydraulic fold.

HIGH CAPACITY MOUNTED AND PULL TYPE TEDDERS FOR EVEN SPREADING, AERATING AND TURNING OF FORAGE.

Farm King Tedder models RT17, RT19 and RT24 feature hydraulic fold and tilt (tilt optional on model RT17) to quickly change from transport to working position from the cab.

MAKING PROFITABLE HAY

Tedding provides you with higher quality hay and allows you to get your crop off the field faster. Farm King Tedders evenly spread and mix forage so that it is uniformly dried and prepared for baling or processing. Flexible steel tines lightly aerate the forage without causing damage. Models RT17 and RT19 are ideal for medium farms while model RT24 is best suited for high capacity operations.

Featuring large 16" and 18" tires (40 and 46 cm), model RT24 is able to follow the path of the tractor even under difficult conditions. Farm King Tedders reduce operating costs, by working at relatively low revolutions and high driving speeds. Operating at 8-10 mph gives you optimum fuel economy while tedding.



EASY RAKE

EASY RAKE

PRODUCT OVERVIEW

10, 12 and 14 rake wheels

Rake up to 27' (8.3 m)

40 hp and greater required

FEATURES

Independent rake wheel suspension

Tool-free windrow adjustment

8' transport width

OPTIONS

Hydraulic center kicker wheel

Wind guards

Walking tandem axles



EASY RAKE

MODELS RE10, RE12, RE14



HYDRAULICS

All three models of Easy Rake can be conveniently opened and closed using hydraulics. The two sides are independent of each other which allows the Easy Rake to operate just one side at a time

TRANSPORTATION

The Farm King Easy Rake has a maximum transportation width of 8' to help get you from field to field safely. Air filled highway service tires allow the Easy Rake to tow smoothly and get you into the field faster. Transport locks ensure that your rake stays closed until you are ready to use it.

CENTER WHEEL RAKE

All models have an optional center mounted hydraulically operated wheel rake for added separation of the middle windrow.

WHEELS

Easy Rake models RE10 and RE12 come standard with 4 stabilization wheels and the RE14 model comes equipped with 6 wheels. These 205/70 R15 highway rated air filled tires aid in seamless transportation as well as superior traction in field applications. Wheels located on the rake wings are constructed using yoke design to ensure 360 degrees of maneuverability. Walking tandem axles are available as an option.



RAKING YOUR WINDROWS WITH THE FARM KING EASY RAKE ELIMINATES NUMEROUS FIELD PASSES AND PROVIDES UNIFORM ROWS.

The Farm King Easy Rake comes available with 10, 12 and 14 rake wheel configurations and working widths of 21, 24 and 27 respectively. Each rake wheel comes with a fully independent suspension spring and bounce adjustment chain. The adjustable chain prevents the rake wheels from gouging uneven field terrain but allow the wheels to stay closely conformed to the field surface.

2



3



4



[1] The double frame pull bar and heavy main frame come together to make one of the heaviest rakes in the industry **[2]** Simple swath adjustment achieved with a bushing system; three preset widths available **[3]** Optional center mounted hydraulically operated wheel rake available for moving forage in the central zone. **[4]** Maximum transport width of 8'.

MODEL	RE10	RE12	RE14
No. of rake wheels	10	12	14
Working width	21' (630 cm)	24' (740 cm)	27' (830 cm)
Transport width	8' (244 cm)	8' (244 cm)	8' (244 cm)
Transport length	29' (880 cm)	31' (940 cm)	30' (908 cm)
Rake wheel	60" (152 cm)	60" (152 cm)	60" (152 cm)
Tine size	0.3" (7.5 mm)	0.3" (7.5 mm)	0.3" (7.5 mm)
No. of tires	4	4	6
Windrow widths	36", 43", 51" (90 cm, 110 cm, 130 cm)		
HP requirements	40 hp (30 kW)	40 hp (30 kW)	40 hp (30 kW)
Weight	3,250 lb (1474 kg)	3,450 lb (1565 kg)	4,320 lb (1960 kg)

EASY RAKE

EASY RAKE SUPERSTAR

PRODUCT OVERVIEW

16, 18 and 20 rake wheels

Rake up to 38' (11.5 m)

50 hp and greater required

FEATURES

Independent rake wheel suspension

Tool-free windrow adjustment

9' (280 cm) transportation width

OPTIONS

Hydraulic center kicker wheel

Wind guards



EASY RAKE SUPERSTAR MODELS RS16, RS18, RS20



RAKE WHEELS

Models RS16, RS18 and RS20 come with 16, 18 and 20 rake wheels respectively. Each 60" (152 cm) wheel is individually spring loaded to prevent digging into the ground, yet continue to follow the contours of your field. Forage is gathered in a soft windrow without destroying the material maintaining a high nutritional value.

HYDRAULICS

The Easy Rake Superstar can be conveniently opened and closed using hydraulics. The two sides are independent of each other which allows the Easy Rake to operate just one side at a time.

HEAVY FRAME

The double frame pull bar and heavy main frame come together to make one of the heaviest rakes in the industry.

WHEELS & TRANSPORTATION

Superstar Easy Rakes go from working as wide as 38' (11.5 m) to a convenient transport width of 9' (280 cm). Air filled highway service tires allow you to get from field to field quickly and safely. Convenient transport locks give you peace of mind on the road. Superstar models come equipped with 8 wheels (RS16) or 12 wheels (RS18 and RS20). These tires aid in seamless transportation as well as superior traction in field applications.



THE HEAVY-DUTY FRAME AND INDEPENDENT RAKE WHEELS ENABLE THE MACHINE TO ADAPT TO THE MOST VARIED WORK CONDITIONS.

Superstar models RS16, RS18 and RS20 are the largest v-rakes available and are designed for the large capacity forage producer. Opening and closing of the rake is controlled hydraulically and features tool-free windrow width adjustment by way of a bushing system. Individual floating rake wheels provide consistent ground pressure as they follow the terrain for clean raking while reducing tine wear and protecting crop stubble.



[1] Individually spring loaded wheels prevents digging into the ground **[2]** Simple swath adjustment achieved with a bushing system; three preset widths available **[3]** Optional center mounted hydraulically operated wheel rake available for moving forage in the central zone. **[4]** Maximum transport width of 9.2'.

MODEL	RS16	RS18	RS20
No. of rakes	16	18	20
Working width	32' (970 cm)	35' (1060 cm)	38' (1150 cm)
Transport width	9.2' (280 cm)	9.2' (280 cm)	9.2' (280 cm)
Transport length	34' (1030 cm)	37' (1120 cm)	40' (1210 cm)
Rake wheel	60" (152 cm)	60" (152 cm)	60" (152 cm)
Tine size	0.3" (7.5 mm)	0.3" (7.5 mm)	0.3" (7.5 mm)
No. of tires	8	12	12
Windrow widths	36" to 59" (90 to 150 cm)	36" to 59" (90 to 150 cm)	36" to 59" (90 to 150 cm)
HP requirements	50 hp (36 kW)	50 hp (36 kW)	50 hp (36 kW)
Weight	5,619 (2549 kg)	7,198 lb (3265 kg)	7,519 lb (3411 kg)

BAT RAKE



BAT RAKE MODELS RB8, RB10, RB12

BAT RAKE

PRODUCT OVERVIEW

8, 10 and 12 wheel carted rakes

High clearance frame

30 hp required

FEATURES

Tool-free ground pressure adjustment

V-Rake to single rake configuration from seat

OPTIONS

Hydraulic center kicker wheel

[1] Patented setting spring system allows the operator to choose the best weight of the rake wheels to the ground.

[2] Optional hydraulically raised kicker wheel.

FARM KING BAT RAKES ARE DESIGNED TO HANDLE ANY KIND OF HAY CROP IN ANY CONDITION.

Engineered to maintain your crops nutritional value, yet aggressive enough to pick up matted crops. Available in 8, 10, and 12 wheel configurations there is a Farm King Bat Rake to suit your needs.

PATENTED SPRING SYSTEM

Independent rake wheel arms with a patented setting spring system. The system allows the operator to choose the best weight of the rake wheels to the ground. Tool-free ground pressure adjustment allows you to easily switch for crop type.

VARIABLE WHEEL CONFIGURATION

Double Wheel Configuration or Single Wheel Configuration - When coming to the

end of a windrow the rake can be partially raised without going into the transport position, so you are always raking hay. The single wheel configuration is useful for tight spaces or finishing windrows.

HIGH CLEARANCE FRAME

At 32" the Farm King Bat Rake has one of the industry's highest clearances.

The frame allows you to rake quickly over fluffy windrows without bunching or dragging hay.

MODEL	RB8	RB10	RB12
No. of rake wheels	8	10	12
Working width, min	16' - 18' (500 - 560 cm)	18' - 22' (560 - 660 cm)	20' - 24' (600 - 740 cm)
Transport width	8.2' (250 cm)	8.2' (250 cm)	8.2' (250 cm)
Transport length	18' (535 cm)	19' (585 cm)	22' (665 cm)
Transport height	8' (248 cm)	8' (248 cm)	8' (248 cm)
Windrow width	3' - 7' (91 - 213 cm)	3' - 7' (91 - 213 cm)	3' - 7' (91 - 213 cm)
HP requirements	30 hp (22 kW)	30 hp (22 kW)	30 hp (22 kW)
Weight	1,573 lb (713 kg)	1,747 lb (792 kg)	1,877 lb (851 kg)



ROTARY RAKE MODEL RR420

ROTARY RAKE

PRODUCT OVERVIEW

Rake up to 13.8' (4.2 m)

40 hp and greater required

FEATURES

Tangential tine arm technology

4 tandem pneumatic wheels

Adjustable front cylinder to fine tune pitch

Hydraulic lift system

[1] A high degree of flexibility and adjustability - adjustable height, articulating frame, and pivoting wheels

[2] Ease of transport with frame folding to 6.5' (196 cm).

THE FARM KING ROTARY RAKE IS MADE OF HIGH QUALITY STEEL THAT ENSURES GREAT PERFORMANCE AND DURABILITY.

Specifically designed for use in smaller field structures the Farm King Rotary Rake operates with minimal impact, processing the crop with extreme delicacy. The RR420 provides smooth operation with 4 tandem axle pneumatic tires at 18 x 8.5 x 8 and high driving stability with a wide track tandem chassis that enables a higher speed of use.

TRANSPORTATION

The Farm King Rotary Rake has a transportation width of 6.5' (196 cm) to help get you from field to field safely.

GROUND CONTOUR

This model excels in rougher terrain with its perfect rotor ground contour following. With a high degree of flexibility and adjustability, built with high quality steel

and design – this is a rake that will prove smooth, fast and durable.

ADJUSTABLE

Each Farm King Rotary Rake features a hydraulic lift system and adjustable height to ease fieldwork and maximize manoeuvrability. The adjustable front cylinder allows users to fine tune pitch and features removable tine arms.

MODEL	RR420
Working width	13.8' (4.2 m)
Transport width	6.5' (196 cm)
No. of arms	11
Ties per arm	4, removable
Gearbox	Sealed oil bath
Tires	4, pneumatic 18 x 8.5 x 8
Weight	1,411 lb (640 kg)

DOUBLE ROTARY RAKE

DOUBLE ROTARY RAKE

PRODUCT OVERVIEW

Transport height less than 4 m

Working width of 7.8 m

70-80 hp required

FEATURES

Open/close/adjust unit hydraulically

Steering system

Overlapping rake arms



DOUBLE ROTARY RAKE

RR7700FK



OVERLAPPING RAKE ARMS

The overlapping of rake arms ensures that no material is left behind on the field. It does an exceptionally efficient job of cleaning the field free of material without picking up the dirt, rocks and other containments that many other types of rakes will pick up and include in the bales.

OIL BATH GEARBOX / CARDAN SHAFT / SLIP CLUTCH

The oil bath means that the gear box is sealed and requires very little to no maintenance on an ongoing basis. The slip clutch protects the gearbox if a rock is hit enabling the

clutch to slip rather than transferring the energy from the rock to the gearbox. A cardan shaft is a very robust drive shaft that should outlast the life of the machine. The rotary rake is a very robust and virtually maintenance free drive assembly.

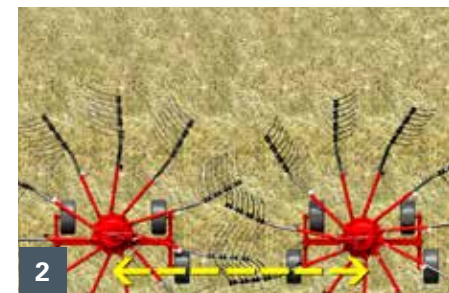
ADJUSTABLE WORKING WIDTH

This is a wide, high producing rake for farmers with large fields to work where time is of the essence. The adjustability enables the user to control the size of the windrow that they create ensuring the best feed into whichever baler they are using.



HARVESTING FORAGE IS A VERY DELICATE PROCESS, IT MUST KEEP THE QUALITY OF THE PRODUCT INTACT IN ORDER TO ENSURE THE HIGH NUTRITIONAL VALUE.

The new Dual Rotary Rake by Farm King is a semi-mounted rake designed for larger field structures and high volume production and is intended for use with 70-80 hp tractors. The forage is moved to the centre of the two rakes which overlap one another ensuring that no material is left behind on the ground.



[1] Cardan shaft. **[2]** Complete cleaning of the ground thanks to the intersecting arms. **[3]** Steering system allows great maneuverability. **[4]** Full intersection of arms.

TANDEM AXLES

Increased stability and better ground contour following when under operation.

OPEN/CLOSE/ADJUST UNIT HYDRAULICALLY

All the functions of the rake can be performed from the comfort of your tractor cab. Ease of use for the operator.

MODEL	RR770FK
No. of rakes	22
No. of springs	88
Transport width	250 cm (8.2 ft.)
Working width	up to 700/780 cm (23/26 ft.)
HP requirements	70-80 hp
Weight	1,790 kg. (3,951 lb)



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Farm King

1260 Clarence Avenue
Winnipeg, Manitoba Canada R3T 1T2
Ph.: 204.661.8711 | Fax: 204.654.2503
Toll Free: 888.524.1003
E-mail: info@buhler.com
farm-king.com

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