

H&S

RAKES



Innovators in the Manufacture
of Agricultural and
Commercial Equipment

 **GENERAL
IMPLEMENT**
DISTRIBUTORS

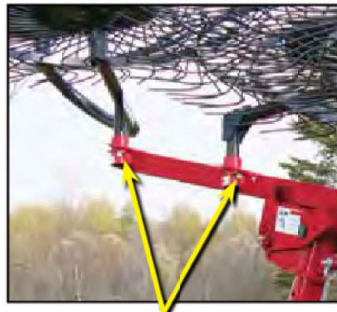


**2200 SERIES
HIGH CLEARANCE ACTION RAKES**

2200 SERIES FEATURES



Adjusting each of the arm rod assembly pressure ring nuts sets the proper spring pressure on each rake arm, allowing for proper rake wheel down pressure.



Rake wheel pivots also provide additional ground flexibility on ALL 2200 and 3200 series rakes.



There are multiple width adjustments on the wheel rake beam for setting the windrow width. Just place the pin in the hole that optimizes windrow size for ALL 2200 and 3200 series models.

MODEL - ACTION RAKES	2208	2210	2212
NUMBER OF RAKE WHEELS	8	10	12
WHEEL DIAMETER	60"	60"	60"
TEETH PER WHEEL	40	40	40
TOOTH DIAMETER	7.5 MM	7.5 MM	7.5 MM
RAKING WHEEL HUBS	TAPERED BEARINGS	TAPERED BEARINGS	TAPERED BEARINGS
TRANSPORT WIDTH/SET-UP	12'	12'	12'
TRANSPORT WIDTH W/RAKE WHEELS REMOVED	8' 6"	8' 6"	8' 6"
TRANSPORT LENGTH	19' 1"	20' 5"	21' 3"
RAKING WIDTH	16' 6" - 17' 8"	18' 5" - 21'	21' - 24' 4"
WINDROW WIDTH ADJUSTMENT (DEPENDS ON RAKING WIDTH)	4' 5" - 6' 10"	3' 3" - 7' 3"	2' 10" - 7' 3"
NUMBER OF RAKING POSITIONS	6	6 NARROW/6 WIDE	6 NARROW/6 WIDE
GROUND PRESSURE RAKE WHEEL ADJUSTMENT	ADJUSTABLE PRESSURE ROD ASSEMBLY/TENSION SPRING		
REQUIRED TRACTOR HYDRAULIC REMOTES	2 HOSE / 1 REMOTE	2 HOSE / 1 REMOTE	2 HOSE / 1 REMOTE
REQUIRED HYDRAULICS	7 GPM	7 GPM	7 GPM
REQUIRED HYDRAULIC PRESSURE	1,875 PSI	1,875 PSI	1,875 PSI
RAKE WHEEL HUBS	TAPERED BEARING	TAPERED BEARING	TAPERED BEARING
TRANSPORT WHEELS	(2) ST205/75R15	(2) ST205/75R15	(2) ST205/75R15
HITCH JACK	STANDARD	STANDARD	STANDARD
WEIGHT	1,437#	1,633#	1,794#
CENTER KICKER WHEEL	OPTIONAL	OPTIONAL	OPTIONAL
ONE-SIDED RAKING KIT	OPTIONAL	OPTIONAL	OPTIONAL
WINDROW WIDTH TURNBUCKLE KIT	N/A	OPTIONAL	OPTIONAL
HIGHWAY LIGHTING KIT	OPTIONAL	OPTIONAL	OPTIONAL

The 2200 & 3200 series ACTION rakes backbone and wing design allows the uniform release of crop when raised for a finished windrow!



Rake in transport position with optional Center Kicker Wheel. 2200 series rake shown.



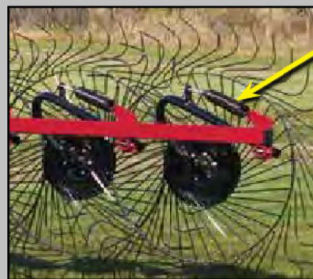
**3200 SERIES
HIGH CLEARANCE ACTION RAKES**

Shown with optional tandem axles

3200 SERIES FEATURES



Adjusting the arm rod assembly ring nuts of each rake arm sets the amount of down travel on each rake beam.



The spring suspension on each 60" rake wheel allows it to float independently over the ground. Down pressure for each 60" rake wheel can be also be adjusted independently by the rod nuts on each rake arm/spring assembly.

OPTIONAL FEATURES



Raking with one side can be accomplished with the optional **One-Side Raking Kit**. The kit allows you to manually close off a hydraulic valve on either side when the rake is in the transport position.

The **Turnbuckle Kit** includes two turnbuckles that can be installed on each rake arm to adjust the windrow raking width to one of the two windrow width holes. *Not available on the 220B model.*



MODEL - ACTION RAKES	3210	3212
NUMBER OF RAKE WHEELS	10	12
WHEEL DIAMETER	60"	60"
TEETH PER WHEEL	40	40
TOOTH DIAMETER	7.5 MM	7.5 MM
RAKING WHEEL HUBS	TAPERED BEARINGS	TAPERED BEARINGS
TRANSPORT WIDTH/SET-UP	12'	12'
TRANSPORT WIDTH W/RAKE WHEELS REMOVED	8' 6"	8' 6"
TRANSPORT LENGTH	20' 5"	21' 3"
RAKING WIDTH	18' 5" - 21'	21' - 24' 4"
WINDROW WIDTH ADJUSTMENT (DEPENDS ON RAKING WIDTH)	3' 3" - 7' 3"	2' 10" - 7' 3"
NUMBER OF RAKING POSITIONS	6 NARROW/6 WIDE	6 NARROW/6 WIDE
GROUND PRESSURE RAKE WHEEL ADJUSTMENT	ADJUSTABLE PRESSURE ROD ASSEMBLY W/ INDEPENDENT WHEEL FLOATATION	ADJUSTABLE PRESSURE ROD ASSEMBLY W/ INDEPENDENT WHEEL FLOATATION
REQUIRED TRACTOR HYDRAULIC REMOTES	2 HOSE / 1 REMOTE	2 HOSE / 1 REMOTE
REQUIRED HYDRAULICS	7 GPM	7 GPM
REQUIRED HYDRAULIC PRESSURE	1,875 PSI	1,875 PSI
RAKE WHEEL HUBS	TAPERED BEARING	TAPERED BEARING
TRANSPORT WHEELS	(2) ST205/75R15	(2) ST205/75R15
HITCH JACK	STANDARD	STANDARD
WEIGHT	1,878#	2,062#
CENTER KICKER WHEEL	OPTIONAL	OPTIONAL
OSCILLATING TANDEM AXLE	OPTIONAL	OPTIONAL
ONE-SIDED RAKING KIT	OPTIONAL	OPTIONAL
WINDROW WIDTH TURNBUCKLE KIT	OPTIONAL	OPTIONAL
HIGHWAY LIGHTING KIT	OPTIONAL	OPTIONAL



AR2200 Series ACTION Rakes

BASE UNIT	<ul style="list-style-type: none"> ❖ 60" Diameter Rake Wheels w/7.5mm Teeth ❖ Adjustable Rod Assembly w/Tension Spring for Ground Pressure Adjustment ❖ High-Clearance V-Style Rake ❖ ST205/75D15 Tires ❖ Jack 	
Item #	Description	List Price
AR2208	8-Wheel Rake	\$11,558
AR2210	10-Wheel Rake	\$12,788
AR2212	12-Wheel Rake	\$13,597

OPTIONS (<u>NOT</u> Required)		
AROVK	One-Sided Raking <i>(Dealer Installed)</i>	\$233
AROTAK	Turnbuckle Adjustment <i>(Dealer Installed)</i>	\$186
ARO2CKW	Center Kicker Wheel Assembly <i>(Dealer Installed)</i>	\$1,491
AROLIGHT2	Highway Lighting Kit <i>(Dealer Installed)</i>	\$700
SC10100	10,100# Safety Chain	\$86



Prices Effective 9-24



AR3200 Series <i>ACTION</i> Rakes		
BASE UNIT	<ul style="list-style-type: none"> ❖ 60" Diameter Rake Wheels w/7.5mm Teeth ❖ Adjustable Pressure Rod Assembly w/Independent Wheel Floatation ❖ High-Clearance V-Style Rake ❖ ST205/75D15 Tires ❖ Jack 	
Item #	Description	List Price
AR3210	10-Wheel Rake	\$14,128
AR3212	12-Wheel Rake	\$15,428

OPTIONS (<i>NOT</i> Required)		
AROVK	One-Sided Raking <i>(Dealer Installed)</i>	\$233
AROTAK	Turnbuckle Adjustment <i>(Dealer Installed)</i>	\$186
ARO2CKW	Center Kicker Wheel Assembly <i>(Dealer Installed)</i>	\$1,491
ARO3TA	Tandem Axle Assembly in Lieu of Standard Single Axle <i>(Dealer Installed)</i>	\$1,506
AROLIGHT2	Highway Lighting Kit <i>(Dealer Installed)</i>	\$700
SC10100	10,100# Safety Chain	\$86

AR2100 & AR3100 Series <i>ACTION</i> Rakes Optional Equipment		
AROLIGHT	Highway Lighting Kit <i>(Dealer Installed)</i>	\$782
AROCKW	Center Kicker Wheel Assembly <i>(Dealer Installed)</i>	\$1,009



Prices and Specifications may be subject to change without notice. Prices do not include shipping or setup.