

J.S. Woodhouse Co., Inc.  Since 1843  
**WOODHOUSE**  
**PRODUCT CATALOG**

**FARM • FORESTRY • LANDSCAPE • CONSTRUCTION**



***Dependable, Reliable, & Affordable Attachments***

[www.jswoodhouse.com](http://www.jswoodhouse.com)





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# J.S. Woodhouse Co., Inc.

Since 1843



West Springfield, MA



Syracuse, NY

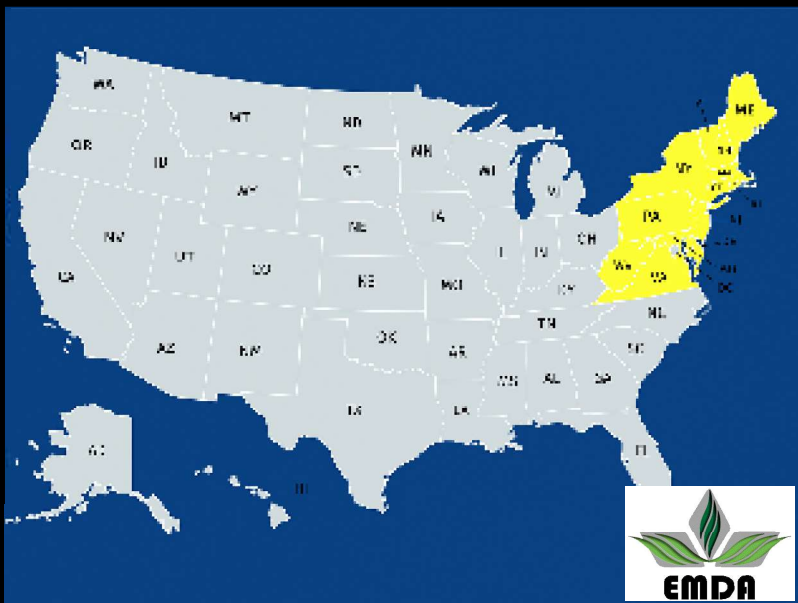


Lewisberry, PA



Fairfield, ME

J.S. Woodhouse Company was established in 1843 and has been an agricultural implement distributor from the start of operations. Our core business is tractor implements, along with a substantial offering of forestry equipment, light industrial equipment, and landscape attachments. J.S. Woodhouse's territory covers the Northeastern United States, with headquarters in West Springfield, Massachusetts, and three branches. Our range of implements is offered through tractor dealers who provide servicing of the products. To the best of our knowledge, Woodhouse is the oldest agricultural equipment distributor in North America.



## TERRITORY

- Connecticut
- Delaware
- Maine
- Maryland
- Massachusetts
- New Hampshire
- New Jersey
- New York
- Northern Virginia
- Pennsylvania
- Rhode Island
- Vermont
- West Virginia



## RB100 SUB-COMPACT SERIES

### FEATURES:

- Jack stand included
- Cat. I 3-point hitch
- 1/2" x 6" reversible cutting edges
- 3 forward and reverse angle settings
- Formed rolled moldboard

MODELS	WIDTH	MOLDBOARD HEIGHT	CUTTING EDGE	HITCH CATEGORY	MAX. HP	WEIGHT
RB100-48	48"	12"	1/2" x 6" Reversible	I	24	166
RB100-60	60"	12"	1/2" x 6" Reversible	I	24	176



**QUICK HITCH COMPATIBLE**

## RB220 SERIES

### FEATURES:

- Jack stand included
- Cat. I quick hitch compatible
- 1/2" x 6" reversible cutting edges
- Tilt, angle, and manual pin offset setting
- Formed rolled moldboard

MODELS	WIDTH	MOLDBOARD HEIGHT	CUTTING EDGE	HITCH CATEGORY	MAX. HP	WEIGHT
RB220-60	60"	15" x 3/16"	1/2" x 6" Reversible	I	40	277
RB220-72	72"	15" x 3/16"	1/2" x 6" Reversible	I	40	304
RB220-84	84"	15" x 3/16"	1/2" x 6" Reversible	I	40	355



**QUICK HITCH COMPATIBLE**

## RB40 SERIES

### FEATURES:

- Jack stand included
- Cat. I & II quick hitch compatible
- 1/2" x 6" reversible cutting edges
- Tilt, angle and ratchet adjust offset
- Formed rolled moldboard

MODELS	WIDTH	MOLDBOARD HEIGHT	CUTTING EDGE	HITCH CATEGORY	MAX. HP	WEIGHT
RB40-72	72"	16" x 1/4"	1/2" x 6" Reversible	I & II	75	503
RB40-84	84"	16" x 1/4"	1/2" x 6" Reversible	I & II	75	541
RB40-96	96"	16" x 1/4"	1/2" x 6" Reversible	I & II	75	578





## BB100 SUB-COMPACT SERIES

### FEATURES:

- Cat. I hitch
- 3/16" end plates
- 1/2" x 6" reversible cutting edges
- Reversible lift pins

MODELS	WIDTH OF CUT	MOLDBOARD HEIGHT	BOX DEPTH	HITCH CATEGORY	MAX. HP	SIDE PLATES	NO. OF SHANKS	WEIGHT
BB100-48	48"	12"	18"	I	24	3/16"	4	248
BB100-60	60"	12"	18"	I	24	3/16"	4	258



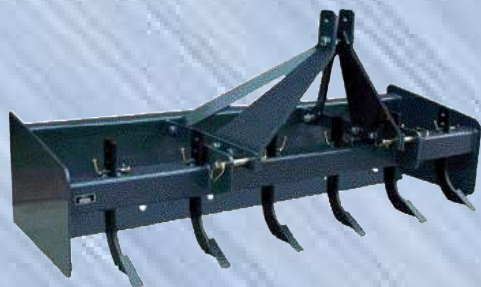
**QUICK HITCH COMPATIBLE**

## BB200 SERIES

### FEATURES:

- Cat. I quick hitch compatible
- 3/8" end plates
- 1/2" x 6" reversible cutting edges
- Clevis style hitch

MODELS	WIDTH OF CUT	MOLDBOARD HEIGHT	HITCH CATEGORY	HITCH PLATES	MAX. HP	SIDE PLATES	NO. OF SHANKS	WEIGHT
BB200-48	48"	16"	I	3/8"	40	3/8" x 17" x 24"	4	397
BB200-60	60"	16"	I	3/8"	40	3/8" x 17" x 24"	5	440
BB200-72	72"	16"	I	3/8"	40	3/8" x 17" x 24"	6	494
BB200-84	84"	16"	I	3/8"	40	3/8" x 17" x 24"	7	575



**QUICK HITCH COMPATIBLE**

## BB300 SERIES

### FEATURES:

- Cat. I quick hitch compatible
- 3/8" end plates. 1/2" hitch plates
- 1/2" x 6" reversible cutting edges
- Clevis style pins

MODELS	WIDTH OF CUT	MOLDBOARD HEIGHT	HITCH CATEGORY	HITCH PLATES	MAX. HP	SIDE PLATES	NO. OF SHANKS	WEIGHT
BB300-96	96"	16"	I	1/2"	60	3/8" x 17" x 24"	8	752



## LR100 SUB-COMPACT SERIES

### FEATURES:

- Jack stand included
- High carbon teeth on 1" spacing
- Five forward and reverse angle settings
- Reversible lift pins
- Dual gauge wheels available: LR999-01

MODELS	WORKING WIDTH	TINE HEIGHT	HITCH CATEGORY	MAX. HP	WEIGHT
LR100-48	48"	12"	I	24	168
LR100-60	60"	12"	I	24	178
LR999-01	Dual Gauge Wheels				



**QUICK HITCH COMPATIBLE**

## LR200 SERIES

### FEATURES:

- Jack stand included
- Cat. I quick hitch compatible
- Five forward and reverse angle settings
- Dual gauge wheels available: LR999-01

MODELS	WORKING WIDTH	TINE HEIGHT	HITCH CATEGORY	MAX. HP	WEIGHT
LR200-60	60"	15"	I	45	195
LR200-72	72"	15"	I	45	215
LR200-84	84"	15"	I	45	235
LR200-96	96"	15"	I	45	255
LR999-01	Dual Gauge Wheels				

# CORE PLUG AERATORS



**QUICK HITCH COMPATIBLE**

## AE200 SERIES

### FEATURES:

- Hardened coring spoons
- Weight box accepts concrete
- Self-storing support legs

MODELS	CORING WIDTH	OVERALL WIDTH	NO. OF SPOONS	NO. OF SPOON WHEELS	HITCH CATEGORY	CORING PATTERN	WEIGHT
AE200-48	42"	48"	48	8	I	6" x 9"	320
AE200-60	54"	62"	60	10	I	6" x 9"	349
AE200-72	66"	74"	72	12	I	6" x 9"	403
AE200-84	78"	86"	84	14	I	6" x 9"	489
AE200-96	80"	98"	96	16	I	6" x 9"	605





## COMPACT SERIES

### FEATURES:

- Fits many compact loaders
- Class 1 ITA forks are forged and heat-treated
- 2250 lb. capacity/pair at 21" load center
- Adjustable rail-style forks equipped w/ positioning latches
- 42" usable length fork tines
- Equipped with high visibility load guard

MODELS	LIFT CAPACITY	FORK LENGTH	TINE SIZE	LOADER MOUNTS	WEIGHT
ULF-2242	2250 lbs.	42"	1-1/4" x 3" Solid	Fits loader frames between 28-1/4" ID & 47-1/4" OD, 3/4" or 1" pins	280
JLF-2242	2250 lbs.	42"	1-1/4" x 3" Solid	Fits J.D. compact loaders w/ quick-change attachment carrier	280
SSF-2242	2250 lbs.	42"	1-1/4" x 3" Solid	Fits compact loaders w/ skid steer style quick couplers	280
KLF-2242	2250 lbs.	42"	1-1/4" x 3" Solid	Fits Kubota compact loaders w/ skid steer style quick couplers	280
YLF-2242	2250 lbs.	42"	1-1/4" x 3" Solid	Fits Yanmar compact loaders w/ quick-change attachment carrier	280

## UTILITY TRACTOR/SKID STEER SERIES

### FEATURES:

- Fits many utility and skid steer loaders
- Class 2 ITA forks are forged & heat-treated
- 4000 lb. capacity/pair at 21" load center
- Adjustable rail style forks equipped w/ positioning latches
- Fork tines available in 42" & 48" usable lengths
- Equipped with high-visibility load guard
- Skid steer series equipped with walk-through load guard



MODELS	LIFT CAPACITY	FORK LENGTH	TINE SIZE	LOADER MOUNTS	WEIGHT
ULF-3542	4000 lbs.	42"	1-3/8" x 4" Solid	Fits loader frames between 32" ID & 48" OD, 1 or 1-1/8" pins	370
ULF-3548	4000 lbs.	48"	1-3/8" x 4" Solid	Fits loader frames between 32" ID & 48" OD, 1 or 1-1/8" pins	385
GLF-3542	4000 lbs.	42"	1-3/8" x 4" Solid	Fits Euro style quick coupler tractor loaders	380
GLF-3548	4000 lbs.	48"	1-3/8" x 4" Solid	Fits Euro style quick coupler tractor loaders	400
JLF-3542	4000 lbs.	42"	1-3/8" x 4" Solid	Fits John Deere loaders w/ quick-change attachment carrier	380
JLF-3548	4000 lbs.	48"	1-3/8" x 4" Solid	Fits John Deere loaders w/ quick-change attachment carrier	400
SSLF-3542	4000 lbs.	42"	1-3/8" x 4" Solid	Universal skid steer mount	375
SSLF-3548	4000 lbs.	48"	1-3/8" x 4" Solid	Universal skid steer mount	395



**WARNING:** Loader mounted fork attachments are specifically designed to engage and load palletized materials. Do not use forks to handle large loads such as bales, posts, etc. and avoid carrying loose or shiftable loads as they can fall or roll back onto operator causing serious injury or death.

## SUNDOWN TILLERS

### FEATURES:

- Gear driven side transmission
- Adjustable lower hitch brackets
- Slip clutch PTO
- 6 blade rotor flange
- Adjustable side depth skids
- Solid mast A-frame
- Specially designed blade rotor reduces load on tractor, as well as diesel consumption. It also reduces tire slippage.
  - Strong, sturdy design
  - Boron steel blades made for hassle-free, long lasting performance



## UL SERIES

The UL series is suitable for tractors from 15-40 horsepower with category I hitch. The UL models are light-duty and dependable, appropriate for gardening and horticulture.

MODEL	TILLING WIDTH	MIN-MAX ENGINE HP	HITCH CATEGORY	NO. OF TINES	RPM	TILLING DEPTH	WEIGHT
UL-36	36"	15-40	I	24	540	6.5"	337
UL-48	48"	20-40	I				
UL-60	60"	25-40	I				

## UM SERIES

The UM series is suitable for tractors from 35-50 horsepower with category I hitch. The UM models are medium-duty and dependable on demanding soils. Also appropriate for vineyards & orchards.



MODEL	TILLING WIDTH	MIN-MAX ENGINE HP	HITCH CATEGORY	NO. OF TINES
UM-60	65"	35-50	I	
UM-72	72"	35-50	I	54

## UH SERIES

The UH series is suitable for tractors from 40-65 horsepower with category I or II hitch. The UH models are medium/heavy-duty and dependable on very demanding and stony soils.



MODEL	TILLING WIDTH	MIN-MAX ENGINE HP	HITCH CATEGORY	NO. OF TINES	RPM	TILLING DEPTH	WEIGHT
UH-60	65"	40-65	I & II	42	540	7.5"	860
UH-72	72"	45-65	I & II	48	540	7.5"	926
UH-84	84"	50-65	I & II	54	540	7.5"	990



## VH SERIES

The VH series is suitable for Cat. II hitch tractors from 50-95 horsepower. The VH models are heavy-duty and dependable on very demanding and stony soils. The speed of the rotor can be regulated.



MODEL	TILLING WIDTH	MIN-MAX ENGINE HP	HITCH CATEGORY	NO. OF TINES	RPM	TILLING DEPTH	WEIGHT
VH-60	60"	50-95	II	36	540	9"	1280
VH-70	70"	60-95	II	42	540	9"	1370
VH-80	80"	70-95	II	48	540	9"	1464
VH-90	89"	80-95	II	54	540	9"	1557

FLG-VH: Optional double blade flange kit available for rocky conditions. Inquire for correct quantity of flanges.

## UHH SERIES

The UHH series is suitable for tractors from 90-140 horsepower with category II or III hitch. The UHH models are heavy-duty and dependable on very demanding and stony soils. The speed of the rotor can be regulated. Double blade flange kit standard for UHH series.



UHH with Optional Cage Roller



MODEL	TILLING WIDTH	MIN-MAX ENGINE HP	HITCH CATEGORY	NO. OF TINES	RPM	TILLING DEPTH	WEIGHT
UHH-100	100"	90-140	II & III	60	540/1000	10"	2339
UHH-120	120"	100-140	II & III	72	540/1000	10"	2573
	ROLLER		ROLLER DIAMETER			TEETH LENGTH	
	PACKER		18" or 20"			2.4"	
	SPIKE		19" or 21"			17.9"	
	CAGE		16" or 18"			N/A	

Optional UHH Rollers Available with Hydraulic or Mechanical Leveling and with or without Leveling Bar Assembly

## SUNDOWN POWER HARROW

### FEATURES:

- Swinging brackets on SRP models
- Universal joint power transmission shaft with shear bolt torque limiter
- Rear leveling bar with pin or screw adjustment



SRP



M120



SRPL

MODELS	GEARBOX SPEED	HITCH CATEGORY	WORKING WIDTH	RPM	ENGINE HORSEPOWER	# OF BLADES	WEIGHT
SRPL-75	Single	II	30"	540	35-50	6	880
SRPL-100	Single	II	39"	540	45-60	8	772
SRPL-125	Single	II	49"	540	50-65	10	860
SRPL-150	Single	II	59"	540	55-70	12	948
SRPL-175	Single	II	69"	540	60-75	14	1036
SRPL-200	Single	II	79"	540	65-80	16	1124
SRP-100	Multi	II	39"	550/1000	45-60	8	1012
SRP-125	Multi	II	49"	550/1000	55-70	10	1100
SRP-150	Multi	II	59"	550/1000	60-75	12	1199
SRP-175	Multi	II	69"	550/1000	65-80	14	1298
SRP-200	Multi	II	79"	550/1000	70-85	16	1408
SRP-225	Multi	II	89"	550/1000	75-90	18	1496
SRP-250	Multi	II	98"	550/1000	80-95	20	1584
SRP-275	Multi	II	108"	550/1000	85-100	22	1672
SRP-300	Multi	II	118"	550/1000	90-105	24	1760
M120-250	Multi	II-III	98"	540/100	100-120	20	1870
M120-300	Multi	II-III	118"	540/100	100-120	24	2082
	ROLLER		ROLLER DIAMETER		TEETH LENGTH		
	PACKER		17"		2.5"		
	SPIKE		20"		7.8"		
	CAGE		25"		N/A		



## RABBIT FLAIL MOWER

### FEATURES:

- Suitable for tractors from 12-35 hp with cat I hitch.
- Recommended for weekend farmers and gardening.
- Compact and light, a perfect choice for sub-compact or compact tractors
- Model FL series comes fitted with hammers and an extra set of knives is included.



MODELS	MOWING-WIDTH	MIN.-MAX. ENGINE HP	HITCH CATEGORY	# OF KNIVES	# OF HAMMERS	RPM	MANUAL OFFSET	WEIGHT
FL-85	32"	12-18	I	28	14	540	4"	220
FL-95	36"	16-20	I	28	14	540	4"	253
FL-105	40"	20-30	I	36	18	540	4"	286
FL-115	44"	20-30	I	40	20	540	4"	319
FL-125	48"	25-35	I	40	20	540	4"	352
FL-135	52"	25-35	I	44	22	540	4"	385
FL-145	56"	25-35	I	48	24	540	4"	418
FL-165	64"	30-40	I	52	26	540	4"	517

## FM FLAIL MOWER

### FEATURES:

- Hydraulic side shift- standard
- Manual side shift- optional (PN #17266)
- Rear roller
- Cutting height 1"- 3.5"
- Side depth skids
- Cat. I or II three-point hitch

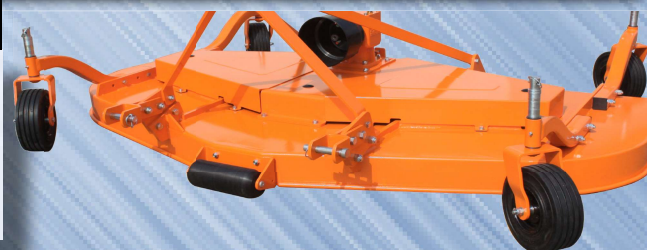


MODELS	CUTTING WIDTH	MIN.-MAX. ENGINE HP	HITCH CATEGORY	PN# 17228 #KNIVES	PN# 17295 #HAMMERS	FULL RIGHT SIDE SHIFT	WEIGHT
FM-100	39"	30-60	I & II	24	12	Fixed	660
FM-130	51"	30-60	I & II	32	16	12"	806
FM-145	57"	30-60	I & II	36	18	12"	854
FM-160	63"	35-60	I & II	40	20	12"	907
FM-175	69"	40-60	I & II	44	22	12"	955
FM-205	80"	45-60	I & II	52	26	12"	1060
FM-220	87"	50-60	I & II	56	28	12"	1113

## SUNDOWN FINISH MOWER

### FEATURES:

- Designed for professional lawn & grass mowing of lawns, parks, hospital grounds, schools, & golf courses
- 4 swivel wheels that follow the contour of the ground, giving a precise, level cut



MODELS	WORKING WIDTH	3-PT	TRACTOR HP	BELTS	BLADES	RPM	CUTTING HEIGHT	WHEELS	FRONT ROLLER	WEIGHT
SGM48	48"	Cat. I	20-50	2	3"	540	3/4" - 4"	Solid tire 11 x 3.55	Standard	447
SGM60	60"	Cat. I	20-50	2	3"	540	3/4" - 4"	Solid tire 11 x 3.55	Standard	497
SGM72	72"	Cat. I	20-50	2	3"	540	3/4" - 4"	Solid tire 11 x 3.55	Standard	553
SGM84	84"	Cat. I	20-50	2	3"	540	3/4" - 4"	Solid tire 11 x 3.55	Standard	660

## DRUM MOWERS

Minos rotary drum mowers for cutting fields feature a high speed working drum that achieves a high quality cutting performance in both large and small farming enterprises. These mowers are available in 3 widths with optional hydraulic fold. The rotary drum mower mows all kinds of plants, including grass, meadow grass, and wild, road-bordering vegetation. The blades rotate at a high velocity in opposite directions, and the mower has adjustable cutting height. For farm use, the mower preserves the nutrient values of the crop and allows for quick drying time.



MODELS	WORKING WIDTH	HITCH	MIN. ENGINE HP	# OF BLADES	RPM	OPTIONAL HYDRAULIC KIT	WEIGHT
T-TCBM1350	53	I	30	6	540	N/A	849
T-TCBM1650	65"	I & II	40	6	540	Yes	930
T-TCBM1850	73"	II	50	6	540	Std.	970

# 3-PT DISC MOWERS

## DISC MOWERS

Minos Agri Trio Series Disc Mower is an ideal machine for fodder crops growing horizontally such as vetch and white clover, and for reaping all kinds of meadow, pasture and weeds utilizing the air current formed during the rotation of the discs. The disc mower allows a better working performance at a lower tractor engine speed and increased shearing/mowing quality. It allows for a cleaner work performance in conditions where plants are less dense. A safety mechanism protects against damage which may be incurred by hitting large, hard objects like trees or stones. The machine minimizes the damage by moving backwards when it hits such an object. The disc mower can be lifted up hydraulically so the machine stays behind the tractor in transport position. Mowing movement can be performed on uneven grounds by utilizing the hydraulic piston. It provides high quality mowing at the lowest ground level on the graded land.



MODELS	WORKING WIDTH	HITCH	MIN. ENGINE HP	OPTIMAL WORKING SPEED	# OF DISCS	# OF BLADES	RPM	HYDRAULIC LIFT	WEIGHT
T-DCBM-4	65"	I & II	40-45	6 MPH	4	12	540	Std.	1045
T-DCBM-5	78"	I & II	45-50	6 MPH	5	10	540	Std.	1100
T-DCBM-6	94"	II	55-60	6 MPH	6	18	540	Std.	1144



## THE MULTIVATOR

The Multivator is a rotary-powered cultivator for use in a wide variety of vegetable and field crops. Multivator is the premier name in rotary-powered cultivation. The Multivator is custom-built for all applications.

MODELS	MIN/MAX HORSEPOWER	GROUND CLEAR-ANCE	MIN/MAX HEAD WIDTH	HEX SHAFT DIAM-ETER	DRIVE-CASE ROLLER CHAIN SPEC.
FL	15/50	16"	5.5"/32"	1-1/8"	12B (#60HD)
FLA	15/50	20"	5.5"/32"	1-1/8"	12B (#60HD)
FP	25/100	20"	9"/32"	1-5/8"	16B (#80HD)
FPA	25/100	25"	9"/32"	1-5/8"	16B (#80HD)
FPXA	25/100	32"	9"/32"	1-5/8"	16B (#80HD)
FPSR	25/150	20"	12"/32"	2"	20B (#100HD)
FPSRXA	25/150	32"	12"/32"	2"	20B (#100HD)

Optional Equipment: Dual Gauge Wheels, AV2-10, AV2-12



Model FL Small Acreage Cultivator with Optional Ridgers



Model FLA High Clearance Cultivator



Model FP Medium Acreage Cultivator with Optional Fertilizer Attachment



Model FPSR Commercial Growing Cultivator





## KW SERIES

### FEATURES:

- 18" diameter wheels - tills & weeds approximately 2" deep
- Spin Weeders are self-powered by the forward travel of the tractor
- Operates effectively at tractor speeds between 4-7 MPH
- Weeder heads can be angled for raised berms or flat ground
- Retraction spring is adjustable for various soil conditions



### ADJUSTABLE FRAME MODELS - Frame & Spinweeder selection required to complete machine

MODELS	FRAME WIDTH	WORKING WIDTH	FRAME WIDTH ADJUSTMENT	WEIGHT
KW-2400	5' 4"	7' - 10'	Manual Pin Adjustment	350
KW-2401	5' 4"	7' - 10'	Single Side Hyd. - 1 remote	370
KW-2402	5' 4"	7' - 10'	Dual Side Hyd. - 2 remotes	380
KW-2403	5' 4"	7' - 10'	Dual Side Hyd. Selector Valve - 1 remote	385

### SPIN WEEDER SELECTION

MODELS	DESCRIPTION	WEIGHT
KW-1800RH	Spin Weeder Assembly, RH	137
KW-1800LH	Spin Weeder Assembly, LH	137
KW-3D	3-Blade Adjustable Disc Cultivator	85
KW-GW-L	LH Adjustable gauge wheels 8" x 18.5" x 8.5" with mounting bracket	43
KW-GW-R	RH Adjustable gauge wheels 8" x 18.5" x 8.5" with mounting bracket	43



## 3-POINT SERIES

### FEATURES:

- 1200, 1500, 2000, 3500 lb. capacity
- 41" fork length for 1200, 1500, 1500A, & 2000 models
- 42" or 48" fork length for 3542 & 3548 models
- Adjustable fork widths for 1500A, 3542 & 3548 models

MODELS	LIFT CAPACITY	HITCH	FORK LENGTH	TINE SIZE	FORK CENTERS	WEIGHT
1200	1200 lbs.	Cat. I	41"	2" x 4" x 3/16" Tubing	25"	115
1500	1500 lbs.	Cat. I	41"	1" x 4" Solid	25"	160
2000	2000 lbs.	Cat. I	41"	1-1/4" x 4" Solid	25"	180
1500-A	1500 lbs.	Cat. I	41"	1-1/4" x 4" Solid	Adjustable 4" to 26"	300
3542	3500 lbs.	Cat. I & II	42"	1-3/8" x 4" Solid	Adjustable 10" to 36"	300
3548	3500 lbs.	Cat. I & II	48"	1-3/8" x 4" Solid	Adjustable 10" to 36"	315

# CEMENT MIXER

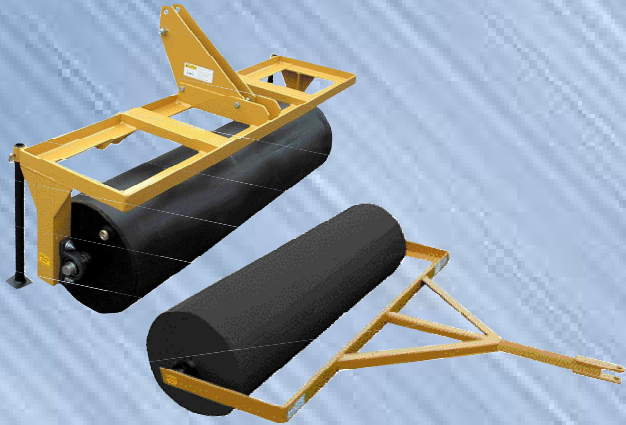
## 80-320

### FEATURES:

- Ideal for mixing cement, fertilizer, potting soil
- 11 cu. ft. drum with capacity of 1 bag cement
- Cat. I or II, 3-point hitch
- PTO driven at 540 RPM
- Single-acting cylinder with hose



MODEL	DESCRIPTION	WEIGHT
80-320	Cement Mixer	220



## SC SERIES

### FEATURES:

- 3-Point, Cat. I or Pull-Type hitch
- 16" and 20" diameter roller
- 1/4" wall pipe thickness
- Solid continuous length roller axle
- 1-7/16" pillow block bearings
- 1" diameter water filling plug

MODELS	DESCRIPTION	WIDTH	ROLLER DIAMETER	WEIGHT EMPTY	WEIGHT FILLED
SC6016	Compactor, Pull Type	60"	16"	400	800
SC6016-3PT	Compactor, 3-Point Hitch	60"	16"	460	860
SC6020	Compactor, Pull Type	60"	20"	500	1100
SC7220	Compactor, Pull Type	72"	20"	550	1280
SC7220-3PT	Compactor, 3-Point Hitch	72"	20"	600	1340
SC8420	Compactor, Pull Type	84"	20"	620	1470
SC9620	Compactor, Pull Type	96"	20"	680	1660

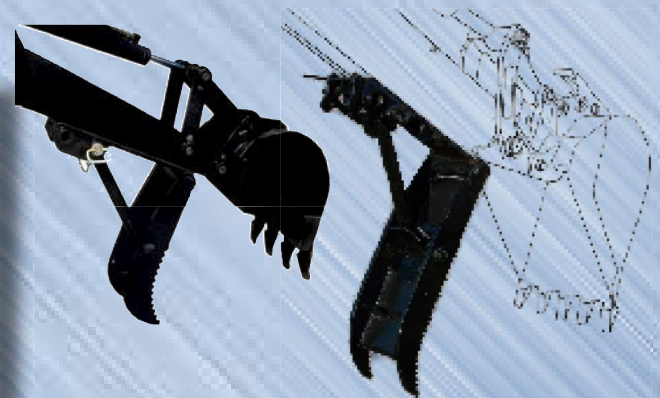
# UNIVERSAL THUMBS

## UAT SERIES

### FEATURES:

- Designed to fit many agricultural, commercial, skid steer and excavator backhoes
- T-1 steel claws and high carbon steel support rod
- Picks up and moves rocks, railroad ties, pipe, scrap material, limbs, etc.
- Two position adjustable feature
- Folds flat against dipper stick for storage and can be removed when not in use

Requirements: Mounting requires welding unit to backhoe dipper stick. A certified welder must complete installation.



### UAT-200

### UAT-300



MODELS	PIVOT PIN TO END OF BUCKET	BASE MOUNTING PLATE	THUMB WIDTH	SUPPORT MEMBER	PIVOT PINS	WEIGHT
UAT-50	Up to 17"	3-1/2" x 19"	5"	Rigid	1" diameter	43
UAT-100	18" to 22"	4" x 18"	5-1/4"	Rigid	1" diameter	56
UAT-200	24" to 29"	5" x 21"	7-1/2"	Rigid	1-1/4" diameter	110
UAT-300	35" to 42"	7" x 30"	12"	Rigid	2" diameter	281





## TB SERIES

### FEATURES:

- Requires no drilling of holes in bucket
- Installs easily in minutes
- Fits most common loader buckets
- Increases effectiveness of front loader buckets
- Teeth made of A572 Grade 50 steel

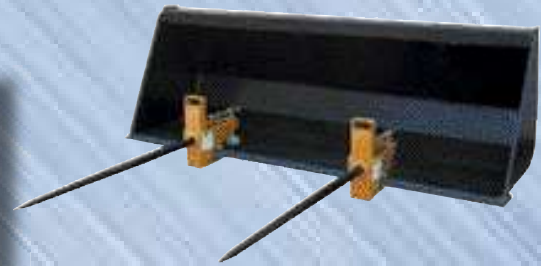
MODELS	DESCRIPTION	BUCKET SIZE	TOOLBAR WIDTH	NO. OF TEETH	WEIGHT
TB42	42" Tooth Bar	42"	40"	5	38
TB48	48" Tooth Bar	48"	46"	6	42
TB54	54" Tooth Bar	54"	52"	7	50
TB60	60" Tooth Bar	60"	58"	7	53
TB66	66" Tooth Bar	66"	64"	8	62
TB72	72" Tooth Bar	72"	70"	8	64

# CLAMP-ON BALE SPEAR

## CBS SERIES

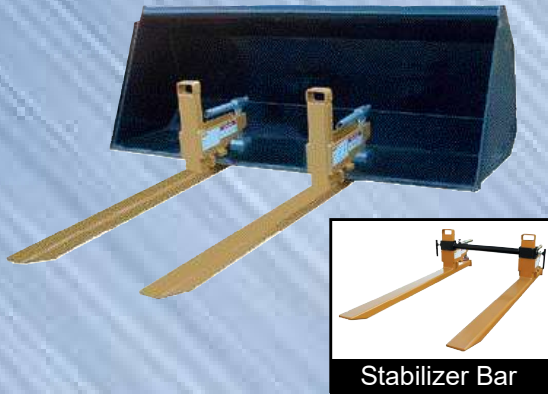
### FEATURES:

- Tapered bolt-in spear for easy bale penetration
- Mounts easily in seconds without tools
- Equipped with handles for ease in mounting
- Adjustable handles slide for additional leverage



Stabilizer Bar

MODELS	LIFT CAPACITY	USABLE TINE LENGTH	MAX. BUCKET LIP THICKNESS	TINE SIZE	WEIGHT
CBS-3000	3000 lbs.	41-1/2"	1-1/4"	1-5/8"	136
BFS-4000	Bale Spear Stabilizer, adjustable, stabilizes width of CBS-3000 from 27" to 45"				28



Stabilizer Bar

## BF SERIES

### FEATURES:

- Mounts easily in seconds without tools
- Equipped with handles for ease in mounting
- Adjustable handles slide for additional leverage
- Safety rated at two times capacity

MODELS	LIFT CAPACITY	FORK LENGTH	USABLE TINE LENGTH	MAX. BUCKET LIP THICKNESS	TINE SIZE	WEIGHT
BF-1000	1000 lbs.	32"	32"	3/4"	2" x 3"	90
BF-1000W	1000 lbs.	32"	32"	1-9/16"	2" x 3"	90
BF-2000	2000 lbs.	36"	36"	3/4"	2" x 3"	110
BF-2000W	2000 lbs.	36"	36"	1-9/16"	2" x 3"	110
BF-3000	3000 lbs.	42"	42"	1-1/4"	2" x 4"	150
BF-4000	4000 lbs.	42"	42"	1-3/4"	2" x 4"	170
BF-6000	6000 lbs.	49"	49"	2-1/4"	3" x 5"	275
BFS-2000	Fork Stabilizer, adjustable, stabilizes width of BF-1000 & BF-2000 from 26" to 45"					25
BFS-4000	Fork Stabilizer, adjustable, stabilizes width of BF-3000 & BF-4000 from 27" to 45"					28

# CLAMP-ON TRASH FORKS

## TF SERIES

### FEATURES:

- Turns your material bucket into a trash bucket in less than a minute
- Two heavy screw-lock clamp brackets with handles
- 2" square, 1/4" wall tubing by 20" long tines
- Clamps fit deep into the bucket for added strength



MODELS	BUCKET SIZE	WIDTH	TINES	APPROX. SPACING BETWEEN TINES	WEIGHT
TF48	48"	46"	5	8-1/2"	160
TF54	54"	52"	5	10"	170
TF60	60"	58"	6	8-1/2"	180
TF66	66"	64"	6	10"	195
TF72	72"	70"	7	9"	210





**QUICK HITCH  
COMPATIBLE**

## R3 SERIES

### FEATURES:

- Heavy 4" x 6" beam construction
- 1" x 6" x 23" shanks
- Shear bolt protection
- Replaceable high carbon heat-treated points
- Parking stands

MODELS	NUMBER OF SHANKS	TOOL BAR WIDTH	FRAME TUBE SIZE	SHANK LENGTH	SHANK SIZE	HITCH CATEGORY	MAX. HP	WEIGHT
R3-50	3	50"	4" x 6"	23"	1" X 6"	I	50	420
R3-60	3	60"	4" x 6"	23"	1" X 6"	I	50	435

## STANDARD & HEAVY DUTY SERIES

### FEATURES:

- Heavy beam construction
- Parabolic high clearance shanks
- Shear bolt protection
- Replaceable high carbon heat-treated points
- Parking Stands



**QUICK HITCH  
COMPATIBLE**

MODELS	NO. OF SHANKS	TOOL BAR WIDTH	FRAME TUBE SIZE	SHANK LENGTH	SHANK SIZE	HITCH CATEGORY	MAX. HP	WEIGHT
227	2	84"	4" x 6"	27"	1" Parabolic	II	80	675
327	3	84"	4" x 6"	27"	1" Parabolic	II	80	750
334	3	84"	5" x 7"	34"	1-1/4" Parabolic	II & III	85	850



**QUICK HITCH  
COMPATIBLE**

## SINGLE SHANK SERIES

### FEATURES:

- 3" x 3" x 3/16" tube frame (100)
- 4" x 4" x 3/8" tube frame (200)
- 4" x 8" x 3/8" tube frame (300)
- 1" x 4" shank, 2-position length 15" & 19" (100)
- 1" x 6" x 23" shank (200)
- 1" x 27" parabolic shank (300)
- Shear bolt protection
- Replaceable hard-faced point (100)

MODELS	NO. OF SHANKS	FRAME TUBE SIZE	SHANK LENGTH	SHANK SIZE	HITCH CATEGORY	MAX. HP	WEIGHT
100 MB Middle Buster	1	3" x 3"	15" x 19"	1" x 4"	I	25	85
100 Ripper	1	3" x 3"	15" x 19"	1" x 4"	I	25	85
200 Ripper	1	4" x 4"	23"	1" x 6"	I	50	130
300 Ripper	1	4" x 8"	27"	1" Parabolic	II	75	240

## CA-RS CARRY-ALL

### FEATURES:

- Lift capacity of 1,000 lbs
- Heavy-duty angle iron frame with 20 pre-punched holes for mounting
- Cat. I quick hitch compatible
- 65 lbs.



## BP-RS BOOM POLE

### FEATURES:

- Designed for non-moving lifts up to 500 lbs.
- Constructed from reinforced schedule 40 tubing
- Cat. I hitch
- 60 lbs.



## CV-G-1-RS SINGLE ROW C-TINE CULTIVATOR

### FEATURES:

- The perfect tool for the small farm or backyard garden
- Heavy-duty welded angle iron construction
- Cat. I hitch
- Comes with reversible heat-treated points
- 100 lbs.



## DB-RS DISC BEDDER

### FEATURES:

- 14" blades
- 16" bedder shanks
- Up to 48" working width
- Cat. I quick hitch compatible
- 110 lbs



## TM-GN-RS 3-POINT TRAILER MOVER

### FEATURES:

- 2-5/16" welded ball
- 2" square tube receiver hitch
- Cat. I 3-pt quick hitch compatible
- 70 lbs



## SUNDOWN REPLACEMENT FORGED BALE SPIKE

MODELS	DESCRIPTION	WEIGHT
840010	48" Spike w/ Nut - 2500 lb. capacity	21
J840027	Sleeve - 57 mm OD x 120 mm	2.5



## Arena Vator II



**QUICK HITCH  
COMPATIBLE**

### AV2 SERIES

**FEATURES:**

- Cat. I, 3-point hitch on 4', 5', 6', & 7', Cat. I & II on 8', 10', and 12'
- Adjustable 12" rear pipe roller
- Adjustable 1/2" x 6" double-beveled leveling bar
- Two rows heavy-duty S-tines

MODELS	WORKING WIDTH	NO. OF SHANKS	SHANK SIZE	SHANK CLEARANCE	HITCH CATEGORY	HP REQUIRED	WEIGHT
AV2-4	4'	11	1-1/4" x 3/8" x 22"	16"	I	18 to 32	370
AV2-5	5'	13	1-1/4" x 3/8" x 22"	16"	I	18 to 32	460
AV2-6	6'	15	1-1/4" x 3/8" x 22"	16"	I	22 to 39	530
AV2-7	7'	17	1-1/4" x 3/8" x 22"	16"	I	26 to 47	640
AV2-8	8'	19	1-1/4" x 3/8" x 22"	16"	I & II	30 to 53	725
AV2-10	10'	23	1-1/4" x 3/8" x 22"	16"	I & II	35 to 63	950
AV2-12	12'	27	1-1/4" x 3/8" x 22"	16"	I & II	41 to 73	1000

Optional Equipment: Dual Gauge Wheels, AV2-10, AV2-12

# ARENA HARROWS

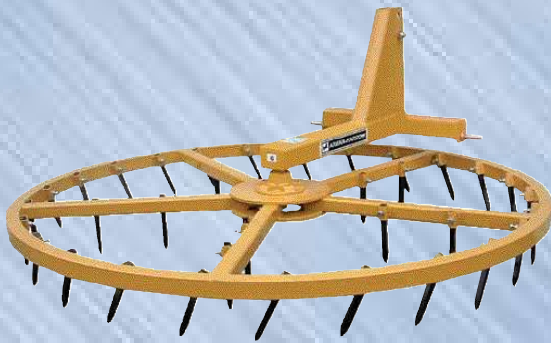
### RHB SERIES

**FEATURES:**

- Sealed bearing hub
- 2" x 2" welded ring
- Angled teeth provide trash clearance
- 8" bolt-on replaceable teeth

**DRAG MATS:**

- Available for RHB rotary harrows
- Rust resistant galvanized steel mats
- 1" x 1" mesh openings and full length rods
- 3 times the strength of standard mats



Optional Drag Mats for RHB Series



MODELS	RING DIAMETER	HITCH CATEGORY	TOOTH SIZE	RING SIZE	WEIGHT
RH5B	5'	I	3/4" x 8"	2" x 2"	210
RH6B	6'	I	3/4" x 8"	2" x 2"	250
RH7B	7'	I	3/4" x 8"	2" x 2"	295
RH8B	8'	I	3/4" x 8"	2" x 2"	332

**OPTIONS**

AH-DMC	Carrier, Fits all Drag Mat Widths	35
DM6	Drag Mat, 6' x 30"	65
DM8	Drag Mat, 8' x 30"	95

## Arena Vator III



**QUICK HITCH COMPATIBLE**

*Shown with optional scarifiers*

### AV3 SERIES

**FEATURES:**

- Cat. I, 3-pt. hitch on 4', 5', 6', & 7', Cat. I & II on 8'
- Adjustable 12" rear pipe roller
- 4" diameter adjustable leveling bar
- Two rows heavy-duty S-tines with reversible points
- Frame designed to accept scarifier shank kits (see kits listed below)

MODELS	DESCRIPTION	WEIGHT
AV3-4	4' Arena-Vator with 11 S-Tines, Cat. I, Pipe Roller & Pipe Leveler	400
AV3-5	5' Arena-Vator with 13 S-Tines, Cat. I, Pipe Roller & Pipe Leveler	480
AV3-6	6' Arena-Vator with 15 S-Tines, Cat. I, Pipe Roller & Pipe Leveler	550
AV3-7	7' Arena-Vator with 17 S-Tines, Cat. I, Pipe Roller & Pipe Leveler	660
AV3-8	8' Arena-Vator with 19 S-Tines, Cat. I & II, Pipe Roller & Pipe Leveler	745

### Build to Suit Your Application: Accessories



*Approx. 500 lbs. filled with water*

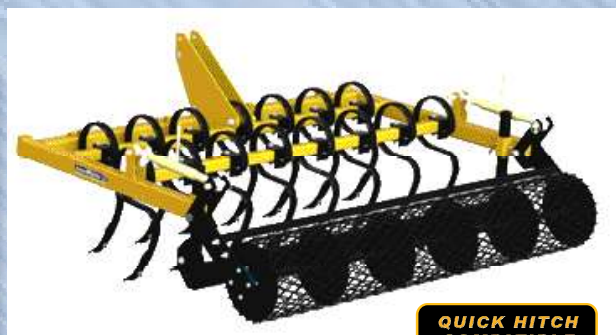
BASE FRAME	PIPE ROLLERS	MESH ROLLER	FINGER RAKES	PIPE LEVELERS	SCARIFIER SHANK KIT	GAUGE WHEELS (pair)	60 GALLON WATER TANK
AV3-4F	*AV3-4PR	*AV3-4MR	AV3-4FR	AV3-4PL	AV3-SH2	AV3-GW	AV3-WT
AV3-5F	*AV3-5PR	*AV3-5MR	AV3-5FR	AV3-5PL	AV3-SH4	AV3-GW	AV3-WT
AV3-6F	*AV3-6PR	*AV3-6MR	AV3-6FR	AV3-6PL	AV3-SH4	AV3-GW	AV3-WT
AV3-7F	*AV3-7PR	*AV3-7MR	AV3-7FR	AV3-7PL	AV3-SH4	AV3-GW	AV3-WT
AV3-8F	*AV3-8PR	*AV3-8MR	AV3-8FR	AV3-8PL	AV3-SH6	AV3-GW	AV3-WT

\* Requires AV3-RMP Roller Mounting Package to complete - includes bearings, brackets, adjuster links and hardware

### AV3-M SERIES

**FEATURES:**

- Cat. I, 3-point hitch on 4', 5', 6' & 7' Cat. I & II on 8'
- Adjustable 12" rear mesh roller
- 4" diameter adjustable leveling bar
- Two rows heavy-duty S-tines
- Frame designed to accept scarifier shank kits



**QUICK HITCH COMPATIBLE**

MODELS	WORKING WIDTH	NO. OF SHANKS	SHANK SIZE	SHANK CLEARANCE	HITCH CATEGORY	HP REQUIRED	WEIGHT
AV3-4M	4'	11	1-1/4" x 3/8" x 22"	16"	I	18 to 32	370
AV3-5M	5'	13	1-1/4" x 3/8" x 22"	16"	I	18 to 32	460
AV2-6M	6'	15	1-1/4" x 3/8" x 22"	16"	I	22 to 39	530
AV2-7M	7'	17	1-1/4" x 3/8" x 22"	16"	I	26 to 47	640
AV2-8M	8'	19	1-1/4" x 3/8" x 22"	16"	I & II	30 to 53	725





**QUICK HITCH COMPATIBLE**

## SC SERIES

### FEATURES:

- 3 soil-conditioning tools in 1 machine
- Heavy-duty 20" high clearance S-tines to penetrate and till up to 7" deep
- 7" sweeps or 1-3/8" reversible points - specify when ordering
- Spring-loaded, 12" diameter rolling crumblers w/ serrated bars angled to finish mulching the soil
- Tapered frame & crumbler permits traveling through vegetation without damage

**10', 12', 15' Models are equipped with gauge wheels**

MODELS	WORKING WIDTH	NO. OF SHANKS	SHANK SIZE	SHANK CLEARANCE	HITCH CATEGORY	HP REQUIRED	WEIGHT
SC4	4'	7	1/2" x 1-3/4"	20"	I	14 to 25	475
SC5	5'	9	1/2" x 1-3/4"	20"	I	18 to 32	620
SC55	5-1/2'	10	1/2" x 1-3/4"	20"	I	20 to 35	700
SC6	6'	11	1/2" x 1-3/4"	20"	I	22 to 39	800
SC7	7'	13	1/2" x 1-3/4"	20"	I	26 to 46	900
SC8	8'	15	1/2" x 1-3/4"	20"	II	30 to 53	1000
SC10	10'	19	1/2" x 1-3/4"	20"	II	38 to 67	1300
SC12	12'	23	1/2" x 1-3/4"	20"	II	46 to 81	1620
SC15	15'	29	1/2" x 1-3/4"	20"	II	58 to 102	1900

# S-TINE CULTIVATORS

## ST SERIES

### FEATURES:

- Heavy-duty 3-bar reinforced construction
- 2" x 2" bar frame
- Heavy-duty S-tine 3/8" x 1-1/4" x 16"
- Heavy-duty reversible points
- 6-1/2" tine spacing



**QUICK HITCH COMPATIBLE**

MODELS	WORKING WIDTH	NO. OF SHANKS	SHANK SIZE	SHANK CLEARANCE	HITCH CATEGORY	HP REQUIRED	WEIGHT
ST4	4'	7	3/8" x 1-1/4"	16"	I	15 to 25	220
ST5	5'	9	3/8" x 1-1/4"	16"	I	15 to 32	245
ST6	6'	11	3/8" x 1-1/4"	16"	I	17 to 40	280
ST7	7'	13	3/8" x 1-1/4"	16"	I	20 to 45	315
ST8	8'	15	3/8" x 1-1/4"	16"	I & II	25 to 55	360
ST10	10'	19	3/8" x 1-1/4"	16"	I & II	30 to 70	440

## ANGLE FRAME SERIES

FEATURES:

- 1" Square high carbon steel axles
- Sealed bearings
- Adjustable gang angles
- Notched front, plain rear blades



MODELS	WIDTH	BLADE SIZE	# OF BLADES	HITCH CATEGORY	HP REQUIRED	WEIGHT
16-12-GSBC-RS	4 1/2'	16"	12	I	20	400
16-16-GSBC-RS	5 1/2'	16"	16	I	25	460
18-16-GSBC-RS	5 1/2'	18"	16	I	25	500
16-20-GSBC-RS	6 1/2'	16"	20	I	30	540
18-20-GSBC-RS	6 1/2'	18"	20	I	30	560

## DH / HEAVY-DUTY SERIES

FEATURES:

- 7-1/2" blade spacing
- Triple-sealed ball bearings
- Adjustable gang angles
- 1" square high carbon gang bolts (DH Series)
- 1-1/8" square high carbon gang bolts (T Series)
- Notched front, plain rear blades



MODELS	CUTTING WIDTH	NO. OF BLADES	BLADE SIZE	HITCH CATEGORY	HP REQUIRED	WEIGHT
DH300-60C	60"	16	18"	I	30	735
DH300-72C	72"	20	18"	I	35	815
DH300-84C	84"	24	18"	I	40	900
DH300-96C	96"	28	18"	I	45	985



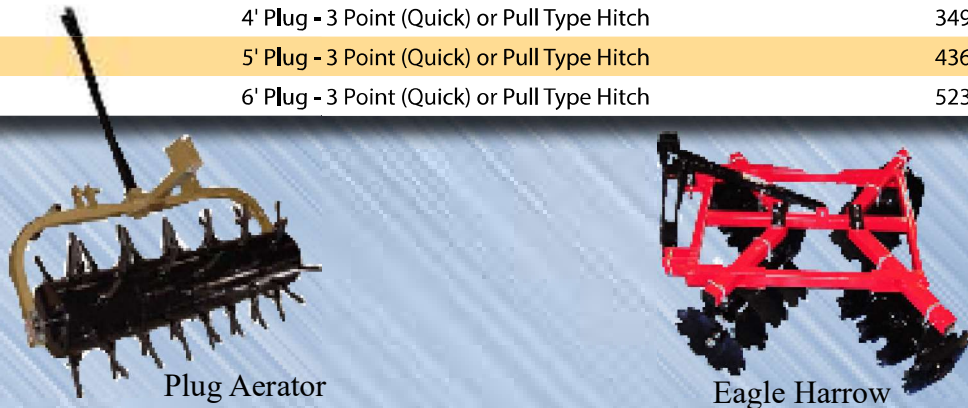
## PLOWS

MODELS	DESCRIPTION	HORSEPOWER	WEIGHT
1BP12	1 Bottom - 12"	15-30	256
1BP14	1 Bottom - 14"	15-30	256
1BP16	1 Bottom - 16"	15-30	262
2BP12	2 Bottom - 12"	25-40	411
2BP14	2 Bottom - 14"	25-40	411
2BP16	2 Bottom - 16"	25-40	423
3BP14	3 Bottom - 14"	35-50	695
3BP16	3 Bottom - 16"	35-50	713
1BPCL	Optional Coulter		24
1BPGW	Optional Gauge Wheel		30



## AERATORS

MODELS	DESCRIPTION	WEIGHT
AL340	4' Spike - 3 Point (Quick) or Pull Type Hitch	256
AL350	5' Spike - 3 Point (Quick) or Pull Type Hitch	316
AL360	6' Spike - 3 Point (Quick) or Pull Type Hitch	474
APL340	4' Plug - 3 Point (Quick) or Pull Type Hitch	349
APL350	5' Plug - 3 Point (Quick) or Pull Type Hitch	436
APL360	6' Plug - 3 Point (Quick) or Pull Type Hitch	523



## DISC HARROWS WITH 7-1/2" SPACING & 18" BLADES

MODELS	DESCRIPTION	RECOMMENDED HORSEPOWER	WEIGHT
EH121877	4'4" Cutting Width, 12 Disc Total	25-30	530
EH161877	5'5" Cutting Width, 16 Disc Total	30-35	591
EH201877	6'6" Cutting Width, 20 Disc Total	35-40	660
EH241877	7'7" Cutting Width, 24 Disc Total	40-45	740

Optional Scrapers Available  
 Harrows Standard with Cut-Out Front & Plain Rear Blades (COF)  
 Special Order: All Cut-Out Blades or All Plain Blades



## 1/2" DOUBLE-SIDED SERIES

### FEATURES:

- Made from 1060 Hi-Carbon 1/2" steel
- Teeth provided on both sides
- 3" teeth at 45° for light harrowing action

### FLEXIBLE HARROWS (INCLUDES SECTIONS & PIPE DRAWBAR)

MODELS	WIDTH/LENGTH	WEIGHT
4' Complete Harrow (24-200572)	4' x 4'	75
4' Complete Harrow	4' x 8'	151
6' Complete Harrow	6' x 8'	243
8' Complete Harrow	8' x 8'	302
10' Complete Harrow	10' x 8'	394
12' Complete Harrow	12' x 8'	486
14' Complete Harrow	14' x 8'	628

### 3-PT LIFT HITCH ATTACHMENTS

MODELS	WIDTH/LENGTH	WEIGHT
10-102916	4' x 8'	113
10-102917	6' x 8'	128
10-102918	8' x 8'	140
10-102919	10' x 8'	159
10-102920	12' x 8'	192
10-102921	14' x 8'	205



### FLEXIBLE HARROW CARTS

MODELS	SIZE	CENTER SECTION	WING WIDTH
10-112016	16'	8'	4'
10-112020	20'	8'	6'
10-112024	24'	8'	8'
10-112028	28'	8'	12'
10-112032	32'	8'	12'
10-112036	36'	12'	12'
10-112042	42'	14'	14'

36' & 42' carts include dual wheels, heavy-duty tongue and center section, 6 tires. All carts include hoses, cylinder, and tires.





## 12 MX PLANTER

### FEATURES:

- Accurately places 34 to 650 pounds of fertilizer per acre
- Simultaneously plants and places fertilizer
- Spring-loaded seed opener for positive depth control
- Split-rim concave cast-iron press wheel firms seed-bed, but leaves loose zone directly over seeds
- Dirt scrape keeps press wheel free from clods
- Comes with four seed plates and four distance gears for a wide selection of crops and planting distances. Accurately plants most garden crops.



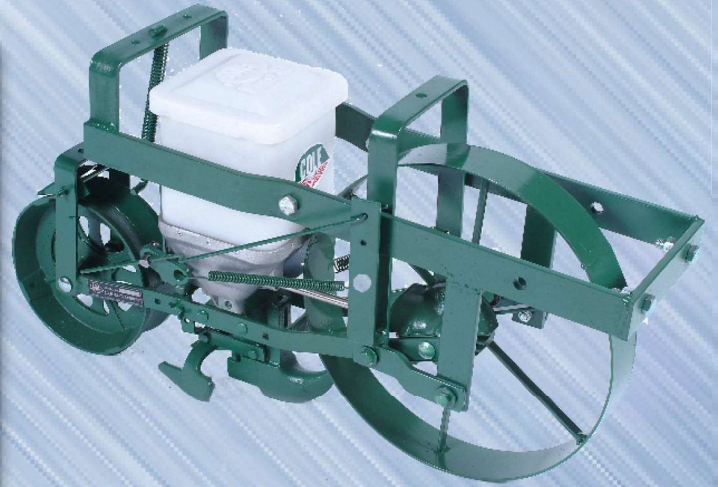
## PLANET JR. DRILLS

### FEATURES: ONE-ROW DRILLS

- The cradle bracket, standard on all Planet Jr. seeders, provides the float you need for accurate planting behind your tractor.
- Hitches are available to mount to Cat. 0 and Cat. I three-point hitches.

### FEATURES: MULTI-ROW DRILLS

- Hitches are available with and without vertical adjustment to mount Planet Jr. to rear-angle frame cultivators, and to 2-1/2" and 4"x 4" bars.



## PLANET JR. HAND SEEDER

### FEATURES:

- Hand seeders feature a cut-off for seed hoppers to prevent drilling seeds in turnrows.
- The large 3"x15" diameter front wheel is easy to push.
- For top performance, all Planet Jr.s feature a five quart capacity hopper, spring-loaded seed coverer, and row marker.



## LIBRA SINGLE BEAM PLOWS - SPRING TRIP

### FEATURES:

- Plows include 1 gauge wheel & 1 disc opener per bottom
- Overload protection by springs
- Hydraulic adjustment of working width is 12"- 20"
- Working depth: Up to 14"
- Distance between plow bodies: 35"
- Height under frame: 33"



## LIBRA SINGLE BEAM PLOWS

MODELS	HITCH CATEGORY	DESCRIPTION	HORSEPOWER REQUIRED	WEIGHT
U068	II or III	3-Bottom, Full Frame	74-90	2024
U068/1	II or III	4-BottomwithExtensions3+1=4	100-120	2464
U068/2	II or III	4-Bottom, Full Frame	100-120	2464
U068/3	III	5-BottomwithExtension4+1=5	125-150	2926
U068-1-EXT	Optional 1-Bottom Extension can be added to 3 & 4-Bottom Libra plow			440

# POTATO PLANTERS

## GEMINI ONE-ROW POTATO PLANTER

### FEATURES:

- During a single cycle, all of the potato planting functions are performed (furrowing, seeding, and ridging the seeded plants with soil).
- Potatoes can be planted at 3 variable distances in a row within the metal wheels and a constant distance with the rubber wheels. Changing the diameter of the wheels changes the seed distance.



## GEMINI POTATO PLANTERS

MODELS	DESCRIPTION	ROWS	HITCH CATEGORY	SEED DISTANCE	PLANTING DEPTH	HP REQUIRED	HOPPER CAPACITY	WEIGHT
S239/2-S	With Steel Wheels	1-row	I	11.5", 12.5", 13"	4"-6"	20	198 lbs.	286
S239/2-R	With Rubber Tires	1-row	I	12.5"	4"-6"	20	198 lbs.	286
S239/1-SW	With Steel Wheels	2-row	I & II	11.5", 12.5", 13"	4"-6"	43	660 lbs	484
S239/1-RW	With Rubber Tires	2-row	I & II	12.5"	4"-6"	43	660 lbs	484
239-102-030	Included with planter: Rubber cover for hopper bottom to prevent small potatoes from falling between the chain and hopper							
239-104-030	Optional set of 20 buckets for planting small-size potatoes (Order 2 sets for two-row planters)							

## GEMINI TWO-ROW POTATO PLANTERS

### FEATURES:

- During a single cycle, all of the potato planting functions are performed (furrowing, seeding, and ridging the seeded plants with soil).
- Potatoes can be planted at 3 variable distances in a row within the metal wheels and a constant distance with the rubber wheels. Changing the diameter of the wheels changes the seed distance.





## GEMMA PLANTER (garlic, spring onions, broad beans)

MODELS	ROWS	HITCH CATEGORY	PLANTING DEPTH (in.)	DISTANCE BETWEEN ROWS (in.)	DISTANCE IN ROW*	SIZE OF BUCKET	TANK CAPACITY	HP REQUIRED	WEIGHT
S290	3	II	1.2, 2, 2.8, 3.5	4.7 - 19	4"-7"	1.1" or 1.4"	441 lbs.	38	794
S290/1	4	II	1.2, 2, 2.8, 3.5	4.7 - 12.6	4"-7"	1.1" or 1.4"	441 lbs.	38	849
S290/2	5	II	1.2, 2, 2.8, 3.5	4.7 - 9.5	4"-7"	1.1" or 1.4"	441 lbs.	38	904

## GEMMA PLANTER (GARLIC, SPRING ONIONS, BROAD BEANS)

### FEATURES:

- It is possible to change gears that allow planting in a different distance in row.
- Additional set of buckets available for purchase.
- Kneading wheels and equalizer roller standard.
- Perfect for small and medium-sized farms. Adaptation of the planter for planting appropriate seeds is achieved by mounting the appropriate size of buckets (28 mm or 35 mm, 1.1" or 1.4") on a transport chain in the tank. Buckets can be easily replacing by screwing them in the chain connection links.
  - Adjust seed spacing by replacing the chain wheel on the drive shaft.
  - The use of the Taper Lock bushing for the installation of chain wheels makes it easy to assemble and disassemble the wheel.
  - The depth of seed planting is adjusted in steps with supporting wheels in the range 1.2"/2"/2.8"/3.5".
  - The spacing of the planter wheels enables compatibility with tractors with a wheel base of 53" or 59". Planting wheels will be in the tracks of the tractor's wheels.



# POTATO DIGGERS

## URSA ONE ROW POTATO DIGGER

### FEATURES:

- Rear discharge ploughshare w/ adjustable digging depth transfers potatoes & soil onto the vibrating hopper, sifting potatoes from soil.
- Digging depth adjusted by rear support wheels.
- All vibrating elements moved by crank mechanism driven from the tractor PTO shaft.



## URSA ONE ROW POTATO DIGGER - CAT I 3-POINT WIDTH = 22-1/2"

MODELS	HITCH CATEGORY	SHARE WIDTH	HORSEPOWER REQUIRED	MAXIMUM WORKING DEPTH	WEIGHT
Z655/1	I	18"	10	8"	297

## UPUS ONE ROW CONVEYOR POTATO DIGGER

3-Point hitch, Cat II and driven by the tractor PTO shaft. The machine is equipped with wheels (metal or rubber) with adjustment of ridge digging depth. Ridge with potatoes is dug by a properly arranged share, then passed to a sieving belt. The moving and shaking of the belt crushes the ridge, and the soil is sieved through the conveyor bars with simultaneous passing of plant tuber/root dug towards the back of the machine. At the back of the digger, there is a properly profiled chute grate which directs the dug potatoes onto the ridge behind the digger. The chute grate allows for such placement of dug potato tubers to limit damage by the tractor tires during the next passing. Equipped with conveyor belt with a rubber cover, which protects the potatoes against damage.

### UPUS ONE ROW CONVEYOR POTATO DIGGER

MODELS	ROW SPACING	WIDTH OF CUT	HORSEPOWER REQUIRED	MAXIMUM WORKING DEPTH	WEIGHT
Z656-RC	25 - 27"	19"	25	8"	539



## UPUS TWO ROW CONVEYOR POTATO DIGGER

3-Point hitch, Cat II/III and driven by the tractor PTO shaft. For stable operation and transport, the digger is equipped with wide spacing road wheels. Properly placed ploughshare digs 2 adjacent ridges and side coulters mounted in the machine cut off excess soil and lichen residues. Undercut ridge is passed onto the sieving belt. The moving and shaking of the belt crushes the ridge and the soil is sieved through the conveyor bars with simultaneous passing of plant tuber/root dug towards the back of the machine. In the digger, there is one sieving conveyor with a rubber cover belt to reduce the risk of damage to tubers or roots. At the back of the digger, there are properly profiled chute grates which direct the dug potatoes onto the ridge behind the digger. The chute grates allow for such a placement of plant tubers/roots dug which reduces the possibility of damage to a tuber/root by the tractor tires during the next passing.

### UPUS TWO ROW CONVEYOR POTATO DIGGER

MODELS	ROW SPACING	WIDTH OF CUT	HORSEPOWER REQUIRED	MAXIMUM WORKING DEPTH	WEIGHT
Z656-4	28" - 30"	57"	55	8"	1518







## DT Series

### FEATURES:

- True automatic reset beams
- Tills up to 18" deep
- 3-point hitch & pull type models
- 5" x 7" all welded frame
- 30" under frame clearance
- Helper springs add additional point pressure

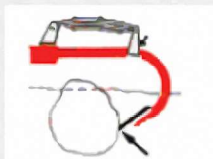
**QUICK HITCH  
COMPATIBLE**

### SINGLE RANK DEEP TILL - MOUNTED ONLY

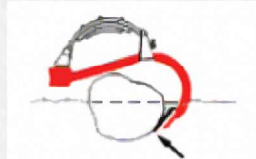
MODELS	WORKING WIDTH	SHANK SPACING	HITCH CATEGORY	NO. OF SHANKS	GAUGE WHEELS	HP REQUIREMENT	WEIGHT
DT3S-30	7'6"	30"	II & III	3	Two 15" Manual	75-90	1038
DT5S-30	12'-6"	30"	II & III	5	Two 15" Manual	125-150	1502
DT7S-30	17'-6"	30"	II & III	7	Two 15" Manual	175-210	2078

### HOW THE AUTOMATIC RESET LEAF SPRING WORKS

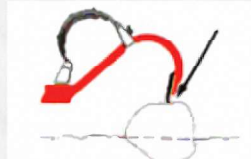
LEAF SPRING REDUCES IMPACT PRESSURE - MINIMIZES BREAKAGE



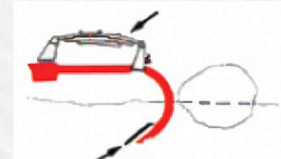
**POINT PRESSURE  
1500 LBS.**



**POINT PRESSURE ONLY  
1100 LBS. (APPROX.)**



**POINT PRESSURE  
ONLY 400 LBS. (APPROX.)**



**POINT PRESSURE AGAIN  
1500 LBS.**

*Spring leaves can be added to increase point pressure for heavier land with adequate horsepower.*



TC07-

**QUICK HITCH COMPATIBLE**

400-500-600 Roundback Deck

## REGULAR-DUTY CUTTERS

### FEATURES:

- Flexible floating 3-point hitch
- Laminated tailwheel
- 10 gauge deck and side bands with angle iron cross bracing
- Side bands have full length skids
- SAE Cat. III driveline w/ shear bolt protection
- 40 HP gearbox
- Round blade holder w/ uplift blades

Optional Equipment: Slip clutch, belt guards, and chain guards

MODELS	CUTTING WIDTH	HITCH CATEGORY	CUTTING HEIGHT	CUTTING CAPACITY	BLADE SIZE	DECK THICKNESS	GEARBOX RATING	DRIVELINE SAFETY	WEIGHT
TC07-40	40"	I	1" to 8"	1"	1/2" X 3"	10 Gauge	40 HP	Shear Bolt	400
TC10-400	48"	I	1" to 8"	1"	1/2" X 3"	10 Gauge	40 HP	Shear Bolt	425
TC10-500	60"	I	1" to 8"	1"	1/2" X 3"	10 Gauge	40 HP	Shear Bolt	525
TC10-600	72"	I	1" to 8"	1"	1/2" X 3"	10 Gauge	40 HP	Shear Bolt	625

TC94-LC Optional Clutch with Gearbox Safety Shield Cover

## HEAVY-DUTY CUTTERS

### FEATURES:

- Flexible floating 3-point hitch
- Laminated tailwheels
- 11 gauge deck with 3/16" side bands
- Side bands have full length skids
- SAE Cat. V driveline with slip clutch
- 75 HP gearbox
- Round blade holder w/ uplift blades

Optional Equipment: Chain Guards



MODELS	CUTTING WIDTH	GAUGE WHEELS	HITCH CATEGORY	CUTTING HEIGHT	CUTTING CAPACITY	BLADE SIZE	DECK THICKNESS	GEARBOX RATING	DRIVELINE SAFETY	WEIGHT
TC16-500-MC	60"	1	I & II	1" - 8"	1-1/2"	1/2"X3-1/2"	11 gauge	75 HP	Slip Clutch	800
TC16-600-MC	72"	1	I & II	1" - 8"	1-1/2"	1/2"X3-1/2"	11 gauge	75 HP	Slip Clutch	940
TC16-700-MC	84"	2	I & II	1" - 8"	1-1/2"	1/2"X3-1/2"	11 gauge	75 HP	Slip Clutch	1140



**WARNING:** For non-agricultural use, OSHA, ASAE, SAE and ANSI standards require the use of chain guards or other protective guards at all times. We also strongly recommend the use of such guards for agricultural uses to reduce the risk of property damage, serious bodily injury or even death from objects thrown out by or from contact with the cutting blades.





## HEAVY-DUTY DOUBLE CUTTERS

### FEATURES:

- Flexible floating 3-pt. hitch
- Laminated tailwheels
- 1/4" side bands
- Side bands have full length skids
- SAE Cat. V driveline w/ slip clutch
- Round blade holder w/ uplift blades

Optional Equipment: Chain Guards

MODELS	CUTTING WIDTH	HITCH CATEGORY	CUTTING HEIGHT	CUTTING CAPACITY	BLADE SIZE	DECK THICKNESS	GEARBOX RATING	DRIVELINE SAFETY	WEIGHT
TC96-700-MC	84"	I	1" - 8"	1-1/2"	1/2" X 3-1/2"	11 gauge	90 HP	Slip Clutch	1000
TC96-800-MC	96"	II	2" - 12"	2"	1/2" X 3-1/2"	10 gauge	90 HP	Slip Clutch	1420
TC96-1000-MC	120"	II	2" - 12"	2"	1/2" X 3-1/2"	10 gauge	90 HP	Slip Clutch	1520
TC96-1000MCP	120"	Pull Type	2" - 12"	2"	1/2" X 3-1/2"	10 gauge	90 HP	Slip Clutch	1827

## VARIABLE OFFSET CUTTERS

### FEATURES:

- Heavy duty construction 10 gauge deck & 1/4" side band
- Low profile laminated tailwheels
- Variable offset, Cat. II, semi-mount hitch is hydraulically controlled and provides up to 14" left or right from center
- Heavy duty series 5 driveline equipped with a slip clutch for protection
- Equipped with heavy duty uplift blades and round blade holders
- 120 HP center gearbox - 90 HP outer gearboxes

Optional Equipment: Chain Guards



MODELS	CUTTING WIDTH	HITCH CATEGORY	CUTTING HEIGHT	CUTTING CAPACITY	BLADE SIZE	DECK THICKNESS	GEARBOX RATING	PTO SHAFT	WEIGHT
TC94-700	84"	II	2" - 12"	2"	1/2" X 3-1/2"	10 gauge	90 HP	Slip Clutch	1640
TC94-800	96"	II	2" - 12"	2"	1/2" X 3-1/2"	10 gauge	90 HP	Slip Clutch	1740



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## 410 SERIES

MODELS	WIDTH OF CUT	TAIL WHEEL(S)	GEAR BOX RATING	MATERIAL SIZE	WEIGHT
415	60"	1	130 HP	2"	900
416	72"	1	130 HP	2"	1060
417	84"	2	130 HP	2"	1375



## 600 SERIES

MODELS	WIDTH OF CUT	TAIL WHEEL(S)	GEAR BOX RATING	MATERIAL SIZE	WEIGHT
BROWN 672HD	72"	1	145 HP @ 540 RPM	4"	1600
BROWN 684	84"	2	145 HP @ 540 RPM	4"	2200



## ROTARY CUTTERS

### FEATURES:

- The heavy construction of the 410 series is tough enough to cut heavy brush and trees up to 2" in diameter.
- The rugged 600 Series can cut heavy brush and trees up to 4" in diameter.
- Axe-like chopping ability gives the 2000 series tree cutter unmatched cutting ability. It cuts trees up to 8" in diameter.

# TREE CUTTERS

## 2000 SERIES TREE CUTTER

MODELS	CUTTING WIDTH	GEAR BOX	HP REQUIRED	MATERIAL SIZE (MAXIMUM)	WEIGHT
TCO-2505C	60"	145 HP	50-90	6"	1700
TCO-2605C	72"	145 HP	60-90	6"	2200
TCO-2620C	72"	165 HP	70-100	8"	2350
TCF-2605	72"	145 HP	70-90	6"	2500
TCF-2620	72"	165 HP	80-100	8"	2600





## 800 SERIES SS HYDRAULIC BRUSH CUTTER

MODELS	WIDTH OF CUT	BLADE BAR WEIGHT	FLOW RATE	MATERIAL SIZE	WEIGHT
BROWN815	60"	1"/370 lbs.	20-27 GPM	6"	1350
BROWN816	72"	1"/475 lbs.	20-27 GPM	6"	1580
BROWN826	72"	1"/475 lbs.	35-47 GPM	6"	1970



# TREE SAWS

## BROWN TREE SAW

MODELS	MINIMUM HP	HEIGHT OF CUT	DECK CONSTRUCTION	GEAR BOX RATIO	BLADE MATERIAL	TREE SIZE	WEIGHT
TS-100	35	Ground Level	All Welded	1 to 1.5	Steel, with Replaceable Carbide Teeth	8"	850
TSG-200	35	Ground Level	All Welded	1 to 1.5	Steel, with Replaceable Carbide Teeth	8"	1050



## BROWN TREE SAW

### FEATURES:

- The TS-100 has a rigid push bar for controlling brush and trees while cutting. Comes standard with brush guard.
- The TSG-200 has a standard hydraulic grapple and brush guard.

# PASTURE AERATORS

## THE PBR-SERIES PASTURE AERATOR

MODELS	OVERALL WIDTH	WORKING WIDTH	HP REQUIRED	TINES	WEIGHT
PBR-800 RIGID	8'	7'3"	40-80	48	1925
PBR-1000 RIGID	10'	8'6"	60-100	56	2180
PBR-1200 RIGID	12'	11'	75-100	72	2485
PBR-1700 RIGID	17'	15'6"	90-150	88	2790



## WOODY BRUSHCUTTERS

With their large capacity and robust design, Woody brushcutters can be used to cut different types of materials such as bushes, shrubs, and small trees up to 3" in diameter. Compared to other brushcutters, Woody brushcutters produce small pieces of debris and are very effective in maintaining large areas. They are ideal for clearing the edges of agricultural fields and forest roadsides.



MODELS	RECOMMENDED HORSEPOWER	MINIMUM CARRIER OPERATING WEIGHT	CUTTING WIDTH	MAXIMUM CUTTING RANGE (MEASURED FROM CENTER OF TRACTOR)	PTO	CLUTCH ON PTO	GEARBOX CAPACITY (HP)	REAR IMPACT CURTAIN (3/8" CHAIN)	WEIGHT
5'	60 HP	6500	60"	114"	540	STD.	60	Optional	1725
5' TL 28"	60 HP	7000	60"	142"	540	STD.	60	Optional	2000
6'	80 HP	8000	72"	127"	540	STD.	60	Optional	2150
6' TL 28"	80 HP	8000	72"	155"	540	STD.	60	Optional	2300



## TORNADO CHAIN MULCHERS

### TORNADO CHAIN MULCHERS

**FEATURES:**

- Wide working width
- Efficient, durable, and reliable, particularly in rocky areas
- Hardened chains with 13 mm links and a link storage compartment in the rotor unit
- Fiber-reinforced rubber rear guard



MODELS	WORKING WIDTH	MAXIMUM REACH (FROM THE TRACTOR CENTERLINE)	CHAINS	MULCHER UNIT TILT	RELEASE SYSTEM	POWER TRANSMISSION, 540 RPM	FRONT GUARD	WEIGHT
Tornado330	63"	10' 9"	2 as Std., Hardened	35degreesdown/90degrees up	Mechanical	Friction Clutch	Chain Curtain	1213
Tornado440	63"	14' 5"	2 as Std., Hardened	40degreesdown/90degrees up	Hydraulic	Friction Clutch	Chain Curtain	1962





T250A



T350S



T430D



T320A

## BOOM MOWERS

### FEATURES:

- Fully self-contained
- Drop forged parts
- Breakaway protected
- Adjustable rear roller
- Floating head system
- Reversible rotor
- T350S has dependent remotes
- TS350SI has independent oil reservoir



TXV50E



TM46



TP510/TP610

## BOOM MOWERS

MODELS	HITCH CATEGORY	FLAIL MAX. HORIZONTAL REACH	FLAIL MOWING WIDTH	FLAIL CUT CAP DIAMETER	OIL CAPACITY (GALLONS)	MINIMUM TRACTOR WEIGHT	MINIMUM TRACTOR OVERALL TIRE WIDTH	FLAIL WEIGHT WITH OIL
T350S w/ CS150 Cutter	I & II	11'10"	59"	1/2"	Remotes	1543	3'3"	507
TS350SI w/ CS150 Cutter	I & II	11'10"	59"	1/2"	9.3"	1984	3'3"	705
T250A	I & II	8'3"	25"	1"	15.8	1543	3'3"	749
T320A	I & II	10'7"	32"	1"	15.8	1984	3'11"	816
T380D	I & II	12'7"	39"	1-1/4"	18.5	3747	4'11"	1080
T430D	I & II	14'2"	39"	1-1/4"	18.5	4409	5'6"	1091
TP510/TP610	II	15.9"/19.5"	47"	1-1/4"	36	6614/7050	6'7"/7'3"	1885/2017
TP61 Farm	II	15'9"	47"	1-1/4"	36	6614	6'7"	1885
TXV50E	II	17'2"	47"	2"	55	7500	6'11"	2755
TXV60E	II	20'6"	47"	2"	55	8000	7'7"	2855



MODELS	HITCH CATEGORY	MIN.-MAX. ENGINE HORSEPOWER	MINIMUM TRACTOR WEIGHT	MAX. SIDE SLIDING	NO. OF KNIVES/ HAMMERS	CUTTING WIDTH	FLAIL CUT CAP DIAMETER	WEIGHT
ZME125	I	18/40	1555	5'9"	56 Knives	4'1"	1"	511
ZME155	I	25/40	2000	6'8"	72 Knives	5'1"	1"	575
ZMGE1400	I & II	40/70	3527	7'10"	18 Hammers	4'8"	1-3/4"	1046
ZMGE1600	I & II	40/70	3748	9'2"	22 Hammers	5'4"	1-3/4"	1080
ZMT-E1600	I & II	50/80	4900	9'2"	20 Hammers	5'5"	1-3/4"	1034
ZMT-E1800	II	60/80	5400	9'10"	24 Hammers	6'0"	1-3/4"	1239
ZMT-E2000	II	70/80	5800	10'6"	24 Hammers	6'9"	1-3/4"	1290
ZLE1600	II	50/100	5291	9'2"	16 Hammers	5'3"	1-3/4"	1466
ZLE1800	II	60/100	5732	9'10"	18 Hammers	5'11"	1-3/4"	1532
ZLE2000	II	70/100	6173	10'6"	20 Hammers	6'7"	1-3/4"	1598
ZHE2500	II & III	100/160	8818	12'	26 Hammers	8'2"	2"	2992

### SLOPE MOWERS

#### FEATURES:

- Adjustable rear roller & skid shoes
- Floating frame
- Inner liner on head
- Side shift cylinder protected between arms
- Hydraulic offset & head angle
- Mow behind or alongside of tractor





## MT FLAIL MOWERS

### FEATURES:

- Adjustable rear roller
- Inner lining
- PTO with overrun clutch
- Central or offset linkage
- Adjustable belt tensioner
- Hydraulic side shift model is a special order



## MT FLAIL MOWERS

MODELS	HITCH CATEGORY	MANUAL SIDE SHIFT	MIN.-MAX. HORSEPOWER	NO. OF HAMMERS	CUTTING WIDTH	WEIGHT
MT160	I & II	12"	35/50	20	5'3"	794
MT180	I & II	17"	45/60	24	5'10"	926
MT200	I & II	17"	50/70	24	6'6"	1014

## MKD FLAIL MOWERS

### FEATURES:

- Adjustable rear roller
- Hydraulic offset
- Floating hitch
- Spiral rotor
- Inner liner



## MKD FLAIL MOWERS

MODELS	HITCH CATEGORY	MIN.-MAX. HORSEPOWER	SIDE SHIFT	NO. OF HAMMERS	CUTTING WIDTH	WEIGHT
MKD2300	II & III	75/130	1'11"	24	7'6"	1929
MKD2500	II & III	85/130	2'3"	26	8'2"	2216
MKD2800	II & III	95/130	2'3"	28	8'11"	2304

MODELS	DESCRIPTION	HORSEPOWER RANGE	WEIGHT
Fiore175	5'9" Manual or hydraulic lift	25-70	507
Fiore205	6'9" Manual or hydraulic lift	25-70	525
Fiore235	7'8" Hydraulic lift only	25-70	542

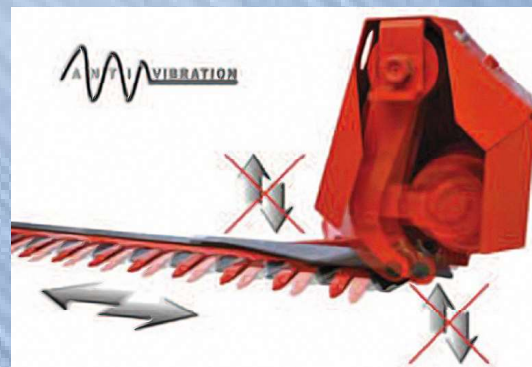
## SICKLE BAR MOWERS

### FEATURES:

- Maximum working degree above horizontal: +90 degrees
- Maximum working degree below horizontal: -75 degrees
- The Fiore Series is a proven reliable double blade mower. Light and versatile, it is ideal for mowing crops and particularly suitable for first mowing.
- The Fiore is suitable for both the maintenance of green areas as well as for professional use.
- These three models have a removable tooth section (double finger) with screws.
- Each model of the Fiore Series contains an *anti-vibration system*: a kinematic mechanism fitted with vibration-damping connecting rods able to absorb all vibrations and play. This feature prolongs the life of the cutting blade and connecting rods.



Removable Tooth with Screw



Anti-Vibration System



## SALT & SAND SPREADERS

### FEATURES:

- Rugged enough for heavy-duty ice control usage
- Ideal for personal or commercial parking lots, driveways, and sidewalks of any size
- Able to spread wet sand stored outside, and sand mixed with salt or calcium chloride



5.5 Wet-Sand Spreader

## SALT & SAND SPREADERS

MODELS	DESCRIPTION	WEIGHT
5.5	Wet Sand Spreader; 550 lb. Sand Capacity	211
750S	Wet Sand Spreader; 1200 lb. Sand Capacity	237
1200S	Wet Sand Spreader; 2000 lb. Sand Capacity	305
750SSS	750S (less PTO), Skid Steer Plate & 267	362
SCP2011	"Scoop & Spread" Skid Steer Salt/Sand Scoop Spreader	525

## 3-POINT HITCH BROADCAST SEEDERS

MODELS	DESCRIPTION	WEIGHT
550-3 PT	Category I Seeder; 5 Bushels or 300 lb. Capacity, 540 RPM	216
750-3 PT	Category I Seeder; 9.6 Bushels for 750 lb. Capacity; 540 RPM	216
1200C-3 PT	Category II Seeder; 1200 lb. or 16 Bushel Capacity	291
2440 3-PT	Category II Seeder; 2440 lb. or 32 Bushel Capacity. Standard with Hydraulic Remote Control	525

## BROADCAST SEEDERS

### FEATURES:

- Heavy-duty 14-gauge steel with powder coat finish
- Round hopper base prevents lodging of material and assures even feeding
- Easy adjust pattern control for even spread widths up to 40 feet
- Base plate & fan are aluminum with replaceable steel fan blades
- Optional hydraulic motor & valve kit to power gear box instead of PTO shaft
- Optional electric actuator to open/close gate



*J.S. Woodhouse territory for Herd is NE & NY only.*

## Seeders/Spreaders

MODELS	DESCRIPTION	HOPPER CAPACITY	WEIGHT
GT-77-ATV	Electric Broadcast Seeder/Spreader	1.2 BU (77 lbs)	38
1258	Electric Broadcast Seeder/Spreader	2.8 Bu (192 lbs)	86
M-12	PTO Driven Broadcast Seeder/Spreader	2.8 Bu (192 lbs)	88

### GT-77-ATV ELECTRIC BROADCASTER

#### FEATURES:

- Eliminates hours of time spent hand-seeding
- Unique vibrating style agitator ensures a constant feed of the material being spread, even with small or light seed varieties.



### I-258 ELECTRIC BROADCASTER

#### FEATURES:

- Ideal for spreading seeds, insecticides, and herbicides
- The larger capacity (192 pound) galvanized hopper is a perfect fit for small tractors or UTVs.

### M-12 PTO BROADCASTER

#### FEATURES:

- The M-12 PTO-powered broadcast seeder/spreader makes quick work of big jobs.
- Designed with simplicity in mind, the M-12 is a 3-point mounted spreader with a shielded, telescoping PTO shaft and an oil-bath gearbox.
- The spinning agitator spreads both seeds and fertilizer evenly.



*J.S. Woodhouse territory for Herd is NE & NY only.*



## THE PLOTTER'S CHOICE

### FEATURES:

- A Plotter's Choice with both boxes will plant virtually any seed.
- The standard box will "Scatter-Seed" grasses for tight germination and a uniform stand.
- The standard box will also drill row crop seeds, such as corn and beans.
- The optional warm season grass box will plant fluffy native grasses, such as Big Blue Stem and Indian Grass.



## SEEDERS/DRILLS

MODELS	DESCRIPTION	ROWS	WIDTH	WEIGHT
KPCA-48	ATV PU L-Type Seeder/Drill. Includes 12 volt lift	4-on 10" spacing	4'	740
KPCA-60H	UTV (side by side) Pull Type Seeder/Drill includes electric over hydraulic mechanism	7-on 8" spacing	5'	1250
KPCT-48	3-Point Seeder/Drill	4-on 10" spacing	4'	660
KPCT-60	3-Point Seeder/Drill	7-on 8" spacing	5'	850
KPCT-72	3-Point Seeder/Drill	9-on 8" spacing	6'	1040
KPCT-96	3-Point Seeder/Drill	12-on 8" spacing	8'	1510

## THE ECO-DRILL

### FEATURES:

- Designed with versatility in mind, the Eco-Drill offers a large amount of options.
- Utilizing a unique seed metering system, the Eco-Drill is capable of handling a wide variety of seed types, all with the same seed box.
- Plants clover, timothy, alfalfa, oats, wheat, corn, sunflowers, soybeans, Austrian peas, and much more.



## DRILLS

MODELS	DESCRIPTION	WIDTH	ROW SPACING	NO. OF ROWS	WEIGHT
KED-72	No-Till Drill. 3 Point (Cat I & II)	6'	8"	9	1385
KED-96	No-Till Drill. 3 Point (Cat. I & II)	8'	8"	12	1855
KED-120	No-Till Drill. 3 Point ( Cat II)	10'	8"	15	2650

*J.S. Woodhouse territory for Kasco is NE & NY only.*

## 80 GALLON PRO SERIES

### FEATURES:

- 80 gallon tank with sloped bottom sump for total drainage
- Agitation standard on all tanks
- Hypro 6 roller PTO pump (C6500D) delivers 8 GPM at 540 RPM and 50 PSI. 150 PSI max.
- Handgun with 15' hose (380RB)
- 80" Spray boom with 2 nozzles (AN15), 12' spray boom with 4 nozzles and spring-loaded boom break-away or 18' boom with 6 nozzles
- Rear mount fits category I three-point hitch



80 Gallon Pro Series

## RM SERIES 150 & 200 GALLON REAR MOUNT UNITS

### FEATURES:

- 150 or 200 gallon tank with jet agitation
- Rear mount brackets are complete with saddles and tank bands
- Hypro 8 roller PTO pump (C7560D) delivers 12 GPM at 540 RPM and 300 PSI max.
- 21', 30' and 40' Truss-T booms feature vertical and horizontal boom breakaway, no drip diaphragm check nozzles spaced at 20".

## 300 GALLON DELUXE SINGLE AXLE SPRAYER

### FEATURES:

- 300 gallon polyethylene elliptical tank with 2 dual jet agitators and sump
- All truss booms complete with 3/4" high-volume plumbing and TeeJet drop free diaphragm check nozzles with stainless steel boom and hose clamps spaced at 20"
- Demco's DBFT flotation boom mechanism is required on 300 gallon "Deluxe" sprayers.
- 300 gallon economy trailer sprayer also available



RM Series 200 Gallon Rear Mount Unit



300 Gallon Deluxe Single Axle Sprayer

*J.S. Woodhouse territory for Demco is NE & NY only.*



## 500 GALLON BIG WHEEL SPRAYER

### FEATURES:

- 500 gallon polyethylene elliptical tank with 2 dual agitators, sump, baffle and 16" fliptop manway
- Constant velocity PTO shaft or hydraulic driven centrifugal pump
- The hydraulic X-fold boom features independent wing leveling and independent wing folding.
- The X-fold boom transports at 11"9'
- Height adjustment- 2' of travel



500 Gallon Big Wheel Sprayer

## 850 GALLON BIG WHEEL

WITH 45', 60', OR 66' BOOM

### FEATURES:

- The 850 gallon polyethylene tank has a 16" flip-top lid and 2 high volume jet agitators. Its molded-in trough drains spill to rear of sprayer.
- 13.6 x 38 bias tires
- Centrally located controls for bottom-filling tanks
- 2" quick couplers for bottom-filling tanks
- Booms feature independent wing fold, hydraulic height adjust, wing leveling and outer wing breakaway
- Boom folds to a transport width of 9'6"



850 Gallon Big Wheel Sprayer

## "QUICK TACH" INLINE TANK UNITS

MECHANICAL FRONT WHEEL DRIVE TRACTORS

### FEATURES:

- Available in 2 sizes: 200 or 300 gallon capacities
- Dual jet agitation sump, molded sight gauge and fillwell with no-splash cover
- The 300 gallon tank has a poly baffle
- High clearance brackets allow for approximately 30" of ground clearance
- Demco's centrifugal plumbing kits feature single section or three section electric controls
- Transport width 16'6"



In addition to the 400 & 600 gallon "Quick Tach" inline tank units, Demco has 400 & 500 gallon "Quick Tach" side mount tank units. "Sidequest" side mount units are available in 700, 1000, & 1200 gallons. Contact your dealer to see if any of these units fits your tractor.

*J.S. Woodhouse territory for Demco is NE & NY only.*



DVTS-400/600-MR



DVTS-400/600-LR



ZEFIR-2000

## AIR CANNON SPRAYERS

### FEATURES:

- Diaphragm pump
- Self-cleaning tank
- Sanitary water tank
- 80-degree hollow cone nozzles
- 2+ neutral point gear box speeds
- Clutch
- Mechanical spray control standard, electrical spray control optional

## AIR CANNON SPRAYERS

MODEL	DTVS-400-MR	DTVS-600-MR	DTVS-400-LR	DTVS-600-LR	ZEFIR-1000	ZEFIR-1500	ZEFIR-2000
TRACTOR SIZE, MIN. HP	20	20	70	70	80	80	80
TANK SIZE (GAL)	105	158	105	158	264	396	528
WEIGHT, EMPTY (LBS)	657	686	822	848	1424	1676	1921
CARRIAGE	3-PT.	3-PT.	3-PT.	3-PT.	Trailed	Trailed	Trailed
FURTHEST RANGE	60 ft	60 ft	131 ft	131 ft	131 ft	131 ft	131 ft
FAN AIR VOLUME	4120 cfm	4120 cfm	9418 cfm	9418 cfm	9418 cfm	9418 cfm	9418 cfm
FAN AIR SPEED	146 mph	146 mph	184 mph	184 mph	184 mph	184 mph	184 mph
FAN	16" Double	16" Double	19" Double	19" Double	19" Double	19" Double	19" Double
HYDRAULIC AGITATORS	2	2	2	2	2	2	3
NUMBER OF NOZZLES	6+1	6+1	9+3+2	9No+3+2	9+3+2	9+3+2	9+3+2
HYDRAULIC CONTROL	No	No	Tractor Hydraulic (Hydraulic joystick an option)				
MODEL PUMP	APS-71	APS-71	APS-71	APS-71	APS-121	APS-121	TEY-150
FLOW RATE PUMP	18.5 GPM	18.5 GPM	18.5 GPM	18.5 GPM	31.7 GPM	31.7 GPM	39.6 GPM





**ASM1-200  
24"**



**ASM1-200  
24" FAIRING**

## AIR BLAST SPRAYERS

### FEATURES:

- Diaphragm pump
- Hydraulic agitator
- Self-cleaning tank
- Sanitary water tank
- PT carriage



**ASM2-600  
32"**



**ASM2-600  
29"**

## AIR BLAST SPRAYERS

MODEL	MIN HP	TANK SIZE (GAL)	WEIGHT, EMPTY (LBS)	FAN DIAMETER	FAN AIR VOLUME (CFM)	FAN AIR SPEED (MPH)	# OF NOZZLES	GEAR BOX SPEEDS	MODEL PUMP	FLOW RATE PUMP (GPM)
ASM1-200 24"	20	53	441	24"	18481	58	12	1+NP	APS-61	16.4
ASM1-200 24" FAIRING	20	53	441	24"	18481	58	14	1+NP	APS-61	16.4
ASM1-400 24"	20	105	487	24"	18481	58	12	1+NP	APS-61	16.4
ASM1-400 24" FAIRING	20	105	487	24"	18481	58	14	1+NP	APS-61	16.4
ASM2-400 29"	30	105	586	29.5"	26486	89	14	2+NP	APS-61	16.4
ASM2-600 29"	30	158	613	29.5"	26486	89	14	2+NP	APS-61	16.4
ASM2-400 32"	60	105	752	32.3"	45438	92	14	2+NP	APS-71	18.5
ASM2-600 32"	60	158	778	32.3"	45438	92	14	2+NP	APS-71	18.5



## TRAILED AIR BLAST SPRAYERS

### FEATURES:

- Diaphragm pump
- Self-cleaning tank
- Sanitary water tank
- Fork hitch
- Hollow cone 60 degree nozzles



## TRAILED AIR BLAST SPRAYERS

MODEL	MIN HP	TANK SIZE (GAL)	WEIGHT, EMPTY (LBS)	FAN DIA-METER	FAN AIR VOLUME (CFM)	FAN AIR SPEED (MPH)	# OF NOZZLES	GEAR BOX SPEEDS	MODEL PUMP	FLOW RATE PUMP (GPM)	HYDRAULIC AGITATORS
UNIC ST PRO-1000	60	264	1352	36"	44	69	22	2+NP	APS 121S	30.38	1
UNIC ST PRO-1500	65	396	1352	36"	44	69	22	2+NP	TEY 150	29.85	2
UNIC ST PRO-2000	85	528	1352	36"	44	69	22	2+NP	TEY 150	29.85	3
EOLO GTE 10-2000	85	528	2426	40"	83	88	44	2+NP	IDS2001	48.08	3
EOLO GTEA 10-2000	95	528	2404	40"	66	94	30	2+NP	IDS2001	48.08	3



## NARROW AIR BLAST SPRAYERS

### FEATURES:

- Diaphragm pump
- Fork hitch
- Hydraulic agitator
- Self-cleaning tank
- Sanitary water tank
- 60-degree hollow cone nozzles
- Manual spray control standard
- Electrical spray control option
- 3-PT carriage



## NARROW AIR BLAST SPRAYERS

MODEL	MIN HP	TANK SIZE (GAL)	WEIGHT, EMPTY (LBS)	FAN DIAMETER	FAN AIR VOLUME (CFM)	FAN AIR SPEED (MPH)	# OF NOZZLES	GEAR BOX SPEEDS	MODEL PUMP	FLOW RATE PUMP (GPM)
UNIC-E-800 24"	25	211	966	24"	18481	58	12	1+NP	APS-96	24
UNIC-E-1000 24"	25	264	988	24"	18481	58	12	1+NP	APS-96	24
UNIC-E-800 24" FAIRING	25	211	1076	24"	18481	58	14	1+NP	APS-96	24
UNIC-E-1000 24" FAIRING	25	264	1098	24"	18481	58	14	1+NP	APS-96	24
UNIC-E-800 29"	35	211	1021	29"	26486	89	14	2+NP	APS-96	24
UNIC-E-1000 29"	35	265	1043	29"	26486	89	14	2+NP	APS-96	24
UNIC-E-800 32"	60	211	2032	32"	45438	92	14	2+NP	APS-96	24
UNIC-E-1000 32"	60	264	1054	32"	45438	92	14	2+NP	APS-96	24



## PL & PTP SERIES

### PL SERIES:

- Seamless poly hopper
- Spreading widths from 20' - 46'
- Spread pattern full rear, left rear, or right rear
- Cat. I, 3-point hitch with reversible lift arm pins
- Stainless steel spreading disc and fins

### PTP SERIES:

- Seamless poly hopper
- Spreading widths from 20' - 46'
- Spread pattern full rear, left rear, or right rear
- 16 x 6.50 8-ply turf tires
- Stainless steel spreading disc and fins
- 1-7/8" ball hitch

Standard Equipment: Agitator for powdered fertilizers;  
Optional Equipment for PL: Single or dual side delivery banding attachments

MODELS	CAPACITY (LBS)	CAPACITY (CU. FT.)	OVERALL HEIGHT	SPREADING WIDTH	HOPPER WIDTH	WEIGHT
PL-180	480	5.8	36"	20' - 46'	36"	120
PL-300	765	9.2	42"	20' - 46'	41"	130
PL-500	1000	12.3	45"	20' - 46'	44"	140
PTP-180-P	480	5.8	51"	20' - 46'	36"	175
PTP-300-P	765	9.2	51"	20' - 46'	41"	185

## PD PENDULUM SERIES

### FEATURES:

- Seamless poly hopper model PDC-400C
- Fiberglass hopper models PDV-500 / 600 and PDHV-800
- Standard spout spreading width 20' - 46'
- Multiple opening positions for precise accuracy

Optional spouts for narrow row, wide row, and vineyard, orchard applications



MODELS	CAPACITY (LBS)	CAPACITY (CU. FT.)	OVERALL HEIGHT	OVERALL WIDTH	HITCH CATEGORY	WEIGHT
PDC-400C	925	13.6	47"	46"	I	225
PDV-500	1155	17	36"	54"	I & II	290
PDV-600	1450	20.5	40"	54"	I & II	315
PDHV-800	2000	32	40"	74"	II	375





## MODEL P-PRO SAND SALT SPREADER

### FEATURES:

- Professional conical salt spreader equipped with stainless steel hopper, powder-coated frame with zinc-based primer

### Standard Equipment:

- Gearbox 3.25:1 for control speed
- Powder coating
- Stainless steel disc and fins
- Stainless steel standard limiter
- Stainless steel rear shield
- Stainless steel salt distributing part & nuts
- Hopper grid
- Salt/sand agitator
- PTO shaft

## PLS SALT SPREADER

### FEATURES:

- Plastic conical hopper salt spreader equipped with four fins fitted to the spreading disc, reinforced gearbox, bolts & nuts in stainless steel for spreading salt and sand

### Standard Equipment:

- Plastic hopper
- Stainless steel disc and fins
- Long opening lever
- Two lateral discharge exits with stainless steel shutters
- Reinforced gear box
- Chain agitator
- PTO shaft



CONICAL PLS SALT SPREADERS WITH POLY HOPPERS							
MODELS	CAPACITY (CUBIC FEET)	CAPACITY (LBS.)	SPREADING WIDTH	HOPPER WIDTH	OVERALL HEIGHT	HITCH CATEGORY	WEIGHT
PLS180	5.9	350	49'	35"	37"	I	119
PLS400	10.4	650	49'	41"	43"	I	132
PLS500	12.6	840	49'	43"	47"	I	136

P-PRO DRY SAND/SALT SPREADERS							
MODELS	CAPACITY (CUBIC FEET)	CAPACITY (LBS.)	SPREADING WIDTH	MINIMUM HORSEPOWER	OVERALL HEIGHT	HITCH CATEGORY	WEIGHT
P-PRO-180	6.4	441	3'-46"	20	37"	I	342
P-PRO-300	28.0	705	3'-46"	20	44"	I	370

## S70 PUSH-PULL SPINNER SPREADER

**FEATURES:**

- Ground-driven
- Push or tow same unit
- Stainless steel deflector
- Poly conical hopper
- Suitable for salt & sand



MODEL	CAPACITY	SPREADING WIDTH	WEIGHT
S70	155 lbs.	7-20'	66
620138	Optional Stainless Steel Deflector		

## PULL TYPE SPINNER SPREADER

**FEATURES:**

- Pull type, ground-wheel-driven
- Gearbox lever to disengage drive during transport
- Remote cable control from vehicle
- Agitators to prevent bridging
- Seamless steel hopper with chemical resistant powder-coated paint
- Spreading disc with 6 zinc-plated fins
- Full width or spreading to one side
- Height adjustment on 1-7/8" ball hitch and clevis hitch



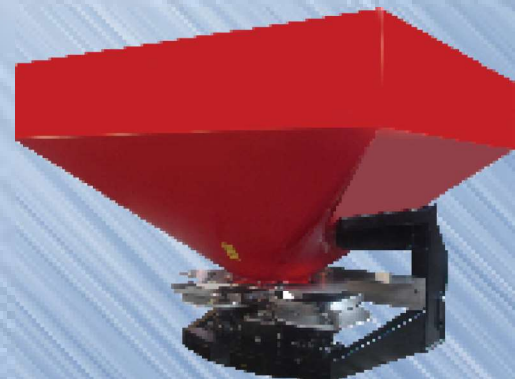
MODEL	CAPACITY	SPREADING WIDTH	HEIGHT	MACHINE WIDTH	DEPTH	WEIGHT
PTB560	1060 lbs. / 14.2 cu. ft.	Max. 53'	51"	65"	96"	310

## TWIN SPINNER SPREADER

**FEATURES:**

- Cat. II clevis hitch and Cat. I pins
- Dual stainless steel discs
- Slide controls with gauge to adjust shutter openings
- Hydraulic cylinder to turn shutters on and off
- Heavy screen in hopper to stop large fertilizer clods
- Front mounted stainless steel spread guard

Optional Equipment: Dual Banding Attachment



MODEL	CAPACITY	SPREADING WIDTH	HEIGHT	MACHINE WIDTH	DEPTH	WEIGHT
REA-800	1700 lbs. / 27 cu.ft.	Max. 58'	41"	59"	53"	415





## 300 HAYMAKER TEDDER/RAKE

### FEATURES:

- A universal machine designed for tedding, spreading, turning, swathing, windrowing and raking two rows together, both in hay and grain crops
- 360° swiveling, pneumatic gauge wheels for better flotation
- Cat. I, 3-point hitch
- Requires minimum 20 HP tractor to operate

MODELS	DESCRIPTION	WEIGHT
300 Haymaker	Hay Tedder, 10' working width with dual wheels	755

## 400 UNIVERSAL TEDDER/RAKE

### FEATURES:

- Extendable and adjustable frame for variable working widths from 10'6" to 11'6"
- Change from spreading to windrowing easily accomplished in minutes in the field
- Cat. I or II, 3-point hitch
- Requires minimum 25 HP tractor to operate



MODELS	DESCRIPTION	WEIGHT
400 Universal	Hay Tedder, adjustable working width with dual wheels	924



## RT SERIES TEDDER

### FEATURES:

- Designed to spread and turn all types of hay and forage in any type of terrain
- Requires minimum 22 HP tractor to operate
- Manual or hydraulic fold feature

MODELS	DESCRIPTION	WEIGHT
RT3000	Hay Tedder, Pull Type, 10', Manual lift, 2 rotors, 2 flotation tires	385
RT-5200	Hay Tedder, Pull Type, 17' working width, manual lift, 4 rotors, 4 flotation tires	950
RT-5200H	Hay Tedder, Pull Type, 17' working width, hydraulic lift, 4 rotors, 4 flotation tires	1000
RT5800H	Hay Tedder, Pull Type, 19', Hydraulic lift, 4 rotors, 4 flotation tires	1225
ST780H	Hay Tedder, Pull Type, 25' 7", Hydraulic lift, 6 rotors, 8 flotation tires	2470



## GS BELT RAKE

### FEATURES:

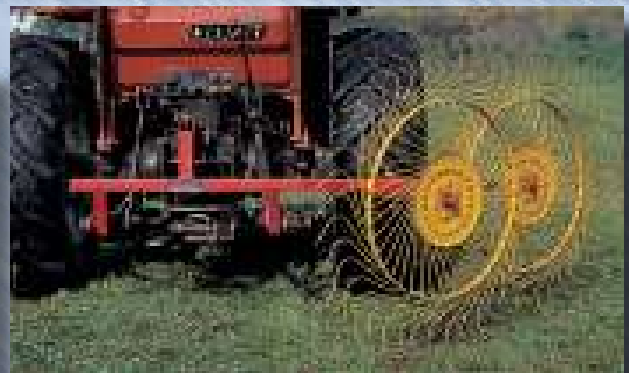
- Forms a light and airy windrow (not braided)
- Turns any type of hay, even at high speed
- Cat. I, 3-point hitch
- Requires minimum 20 HP tractor to operate

MODELS	DESCRIPTION	WEIGHT
GS-220	Belt Rake, 87" Working Width	694

## RP FINGERWHEEL RAKES

### FEATURES:

- For turning, windrowing, spreading and raking
- Sturdy construction
- Cat. I, 3-point hitch
- 55" diameter wheels, 40 teeth per wheel
- Wheels mounted on roller bearings



MODELS	DESCRIPTION	WEIGHT
RP-2	2 Wheel, 3-point Windrow Turner	145
RP-4	4 Wheel, 3-point Windrow Turner	396
RP-5	5 Wheel, 3-point Side Delivery Rake	440

MODELS	DESCRIPTION	WORKING WIDTH	WEIGHT
H90V8	Cart & 8 Wheel Rake	20'	1265
H90V10SE	Cart & 10 Wheel Rake	23'	1465
H90V12	Cart & 12 Wheel Rake	27'	1685
210.577	H90V Center Wheel Kit		

## H90V CARTED RAKES

### FEATURES:

- Simple to use
- Oscillation of the rake's main arms and of the wheel holder's small arms permit correct ground contact
- Rake folds into transport position automatically with hydraulic cylinders







## QR QUICK RAKES

### FEATURES:

- Rake folds to transport when lifted
- Choice of 8, 10, 12 or 14 wheels
- Adjustable wheel pressure
- Tandem axle wheels & tires, QRX series
- Follows uneven terrain
- Includes hydraulic cylinders & hoses

MODELS	DESCRIPTION	WEIGHT
QR-8	8 Wheel Quick Rake, 18' working width	1675
QR-10	10 Wheel Quick Rake, 21' working width	1875
QR-12	12 Wheel Quick Rake, 24'-6" working width	2115
230-371	Optional- Center Wheel Kit, QR Series	
230-735	Optional- Hydraulic Angle Kit, QR-8 and QR-10	
230-736	Optional- Hydraulic Angle Kit, QR-12	
QRX-12	12 Wheel Quick Rake, 25' working width, 55" wheels	2670
QRX-14	14 Wheel Quick Rake, 28' working width, 55" wheels	2955
250-747	Optional- Center Wheel Kit, QRX Series	



## MKE RAKE

### FEATURES:

- Each rake wheel has its own adjustment
- 55" diameter wheels w/ 40 tines per wheel
- Swath width adjustable from 3' to 6'
- Transport width 8'6"
- Optional hydraulic rear opening kit
- Optional center kicker wheel kit

MODELS	DESCRIPTION	WORKING WIDTH	WEIGHT
MKE10	10 Wheel "V" Rake, Pull	21' 3"	3520
MKE12	12 Wheel "V" Rake, Pull	25' 0"	3700
MKE14	14 Wheel "V" Rake, Pull	28' 5"	4955
MKE16	16 Wheel "V" Rake, Pull	31' 0"	5290
MKE18	18 Wheel "V" Rake, Pull	33' 5"	6610
MKE20	20 Wheel "V" Rake, Pull	36' 11"	6760
SC9620	Compactor, Pull Type	96"	1660

## SR ROTARY RAKES

### FEATURES:

- Working width 10' & 13'-9"
- Forms consistent windrows without twisting
- Removable tine arms for transport
- Operates at 350 - 450 RPM
- Tandem axle wheels and tires



MODELS	DESCRIPTION	WEIGHT
SR320-8-H	Rotary Windrower, 10' working width, pull type	991
SR420-11-H	Rotary Windrower, 13'-9" working width, pull type	1364

# DISC MOWERS

## DM SERIES

### FEATURES:

- Articulating head follows ground contours
- Safety trip for obstacles
- Pressure adjustment for minimal ground contact
- Oval discs with high-quality steel knives



MODELS	DESCRIPTION	HITCH CATEGORY	CUTTING WIDTH	WEIGHT
DM-4	Disc Mower, 4 discs	I & II	66"	820
DM-5	Disc Mower, 5 discs	I & II	81"	906
DM-6-S	Disc Mower, 6 discs	II	94"	1235
DM-7-S	Disc Mower, 7 discs	II	110"	1300
DM-8-S	Disc Mower, 8 discs	II	127"	1400

# FINISH MOWERS



## SMP SERIES

### FEATURES:

- Floating 3-point hitch maintains cutting height in uneven terrain
- Equipped with belt drive and three spindles
- High suction blades overlap & lift grass for a clean finish
- All lubrication points are accessible above the mower deck
- Full rear discharge with chain guards
- Adjustable cutting height from 1" to 4"

MODELS	DESCRIPTION	WEIGHT
SM-120P	48" Finishing Mower with Rear Discharge, Cat. I, 3-point hitch	370
SM-150P	60" Finishing Mower with Rear Discharge, Cat. I, 3-point hitch	435
SM-180P	71" Finishing Mower with Rear Discharge, Cat. I, 3-point hitch	500
SM-230P	90" Finishing Mower with Rear Discharge, Cat. I, 3-point hitch	683



## SQUARE BALERS

MODELS	M60 MINI/S	M60 MINI	M60 SUPER	M61 EXPORT 160	M61 EXPORT 170
BALE TIE	Twine	Twine	Twine/Wire	Twine/Wire	Twine/Wire
BALE CHAMBER	13.4" x 17.3"	13.4" x 17.3"	13.4" x 17.3"	14.2" x 18.1"	14.2" x 18.1"
STRAW BALE WEIGHT	28-44	28-44	28-44	35-62	39-48
HAY BALE WEIGHT	39-62	39-62	39-62	44-77	44-77
BALE LENGTH	16-51	16-51	16-51	16-51	16-51
CAPACITY BALES/MINUTE	3-9	3-9	3-9	6-10	6-10
PLUNGER STROKES/MINUTE	85-90	90	90	90	90
TRACTOR RATING FOR PTO	20-25	20-25	20-25	26-30	26-30
MAX WIDTH OF PICK-UP	35"-37"	41"	54"	63"	67"
OVERWALL WIDTH	66.5"	71"	83"	97"	101"
OVERALL WIDTH w/ side pick-up wheel mounted behind	58.7"	63"	75"	88.6"	92.5"
LENGTH	155"	155"	155"	169"	169"
HEIGHT	53"	53"	53"	61"	63"
WEIGHT	1874	2000	2205	2535/2590	2755/2810



## MINI ROUND BALERS

MODELS	M50 MINIROTO/ MINI ROUND BALERS
BALE SIZE	19.7" x 27.5"
BALE WEIGHT (ITALY)	40-55 lbs
PICK-UP WIDTH	33.4"
REQUIRED HP	18
DIM: WIDTH X LENGTH X HEIGHT	51.2" x 59" x 51.2"
DIM: (LATERAL DRAWBAR)	57.8" x 70.8" x 51.2"
WEIGHT	884
WEIGHT (LATERAL DRAWBAR)	1089



## ROUND BALERS

MODELS	M 100 SUPER	M 100 MAGNUM	M 120 COMPACT PLUS	M 120 COMPACT MAGNUM PLUS	M 120 SUPER PLUS	M 120 MAGNUM PLUS	M 150 SUPER PLUS	M 150 MAGNUM PLUS
BALE SIZE	39.3" x 39.3"	39.3" x 39.3"	47.3" x 39.3"	47.3" x 39.3"	47.3" x 47.3"	47.3" x 47.3"	59" x 47.3"	59" x 47.3"
PICK-UP WIDTH	57"	64.9"	57"	64.9"	64.9"	72.8"	64.9"	72.8"
CHAIN SHAFTS	27	27	31	31	31	31	41	41
PTO RPM	540	540	540	540	540	540	540	540
REQUIRED HP	39-44	39-44	39-44	49	49	59	49	59
TIRES	7.5-16	11.5-80/15	7.5-16	11.5-80/15	11.5-80/15	11.5-80/15	11.5-80/15	11.5-80/15
WEIGHT	3490	3636	3636	3792	4077	4859	4628	5401

MODELS	OPERATING RANGE- ARMS SPREAD	GRABBER'S MAX. LOAD CAPACITY	CYLINDERS	BALE	WEIGHT
CHL-1-SS	31" - 65"	2200 lbs.	1	Round	330
CHL-1-Euro	31" - 65"	2200 lbs.	1	Round	330
CHL-1-JD	31" - 65"	2200 lbs.	1	Round	330
CHS-2-SS	31" - 85"	2200 lbs.	2	Round	396
CHS-2-Euro	31" - 85"	2200 lbs.	2	Round	396
CHS-2-JD	31" - 85"	2200 lbs.	2	Round	396
CHK-2-SS	26" - 81"	2000 lbs.	2	Square	550
CHK-2-Euro	26" - 81"	2000 lbs.	2	Square	550

## BALE GRABBERS

### FEATURES:

- Transports straw, hay, and silage bales
- Compact design allows better bale transportation
- Precision allows bales to be stacked without damage to the next bale



CHL Round Bale Grabber



CHK Square Bale Grabber



CHS-2-JD (fits John Deere 400/500 Series loader)



MODELS	DESCRIPTION	BALE DIAMETER	BALE WIDTH	MAXIMUM BALE WEIGHT	HITCH CATEGORY	MINIMUM HP	WEIGHT
7500	Tekla 3-Point Wrapper	4'	4'	2200	II	38	1056
1600-200	Optional bale turner (to tip bale on end)	4'	4'	2200		38	165
7510-SL	Klara 3-Point Wrapper-Self Loading	4'	4'3"	2200	II	30	1720

## 7500

### FEATURES:

- One-minute wrapping time
- Model 7500 designed for small/medium farms
- Minimum no. of wrapping: 2 times
- 500/750 mm foil width
- Dimensions: Length 103" x Width 47" x Height 47"
- Hydraulic requirement: 1 set of remotes and approximately 6.6 GPM required



## 7510-SL

### FEATURES:

- The design suspended on the tractor three-point linkage ensures high mobility of the wrapper and low labor demand- just one person is required to operate the machine.
- Wheels rotating around their vertical axis combined with mounting of the machine on the three-point linkage, provide high maneuverability of the tractor/wrapper combination.
- Two-minute wrapping time
- Minimum no. of wrapping: two times
- Hydraulic self-loading
- Uses 20" or 30" film
- Hydraulic requirement: 1 set of remotes and approximately 6.6 GPM required



## BALE CONVEYORS- STANDARD-DUTY

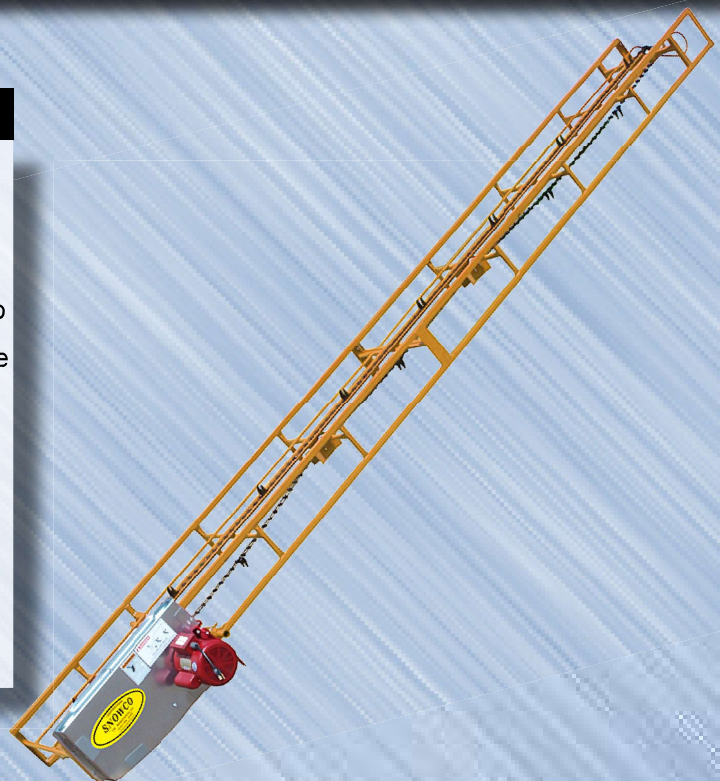
MODELS	DESCRIPTION	WEIGHT
HEC-16M	16' Elevator w/#55 conveyor chain & electric motor mount	153
HEC-4E	4' Intermediate section	28
HEC-8E	8' Intermediate section	53

## BALE CONVEYORS- HEAVY-DUTY

MODELS	DESCRIPTION	WEIGHT
EHD-18M	18' HD Elevator w/ #62 conveyor chain & electric motor mount	241
EHD-6E	6' HD Intermediate section	66
EHD-12E	12' HD Intermediate section	125

## BALE HANDLING SYSTEMS

Elevate bales from your wagon or truck up into your barn - convey and stack bales in the mow - and load or unload your truck. Begin with the basic elevator, and custom make a bale handling system to fit your specific needs. Basic elevator includes a drive unit, plus an end section with sprocket and chain tightener. Basic elevator can be lengthened easily by adding interchangeable long & short center extensions. A complete line of accessories is available to make storing bales a smooth, quick, and simple one-man operation.



## ACCESSORIES

MODELS	DESCRIPTION	WEIGHT
HST-50A	1/2HP Motor Kit recommended for 16'-24' incline, for 16'-28' horizontal	20
HST51A	3/4HP Motor Kit recommended for 28'-40' incline, for 30'-44' horizontal	20

## TRANSPORTS (HITCH NEEDED TO COMPLETE TRANSPORT)

MODELS	DESCRIPTION	WEIGHT
HST-10T	Transport HEC/EHD 20' to 32' lengths	303
HST20T	Transport HEC/EHD 36' to 44' lengths	419
HST-40T	Transport EHD 54' to 60' lengths	510
HST-10A	Transport hitch for HEC	24
HST-15A	Transport hitch for EHD	24





## ACCUMAGRAPPLE ELITE

### FEATURES:

- Accumulates small rectangular bales
- Load or unload bales to truck or storage
- Converts to a grapple only in 2 minutes or less
- Can be used left or right-handed
- Mountings for skid steer or tractor loaders

MODELS	DESCRIPTION	WEIGHT
MXE-NM	8 to 10 Bale Accumagrapple less mounting bracket with hoses less couplers	759
MXE-SS	8 to 10 Bale Accumagrapple with skid steer mounting bracket with hoses less couplers	854
MXE-GE	8 to 10 Bale Accumagrapple with Global/Euro mounting bracket with hoses less couplers	800

## BALE SPLITTERS

### FEATURES:

- Mount on skid steer and front loader with Global/Euro mount
- Easily ration bales by splitting them in half
- Retains plastic wrap and netting
- Preprocess bales for mixers
- Reduces grinding time up to 50%
- Reduce wear and tear on your equipment



MODELS	DESCRIPTION	WEIGHT
MXS-SS	Bale Splitter with skid steer mounting bracket, w/ hoses less couplers	1496
MXS-GEM	Bale Splitter with Global Euro mounting bracket, w/ hoses less couplers	1432



## TRAILED MODEL SILOMATIC 1010

The rigid frame and strong lift are designed for heavy use and enable the operator to transport a bale while wrapping another. The powerful hydraulic lift cylinder can handle heavy bales of wet silage. The off-set position of the wrapping table ensures excellent stability and a low overall weight. The wrapper is controlled from the cabin by cable controls. LykkeTronic Flex-Counter is standard.

MODEL	TRANSPORT WIDTH	CONTROL	DIAMETER	LOAD ARM CAPACITY	PRE-STRETCHER	CUT & TIE (HYDRAULIC)	4 WHEELS, STANDARD	WEIGHT
1010	7.7'	Cable	3.9'-4.9'	2646 lbs	Standard	Standard	26 x 12.00-12	2535



MODEL	WORKING WIDTH	SWATH WIDTH	TRANSPORT WIDTH	LENGTH	REQUIRED OIL FLOW	FRONT MOUNTING CONNECTION	FRONT LOADER (EURO CONNECTION)	WEIGHT
V-TWIN 600	19.7'	3.9'-4.3'	7.8'	6.9'	6.6 GPM	Standard	Optional	1896

MODEL	TOTAL LENGTH	RECOMMENDED MAX. BALE SIZE	MAX. BALE WEIGHT	PTO SPEED	MINIMUM HORSEPOWER	WEIGHT (EMPTY)
RC 1800	8.2'	5.6'	2205	540/1000 rpm	50	2420



MODEL	WORKING WIDTH (INCLUDING SWATHERS)	STONE SIZE	STONE TANK SIZE (USEFUL)	PICKUP TINES, PCS	TIPPING HEIGHT	DRIVING SPEED, WORK	MINIMUM HORSEPOWER	TANDEM WHEELS, STANDARD	WEIGHT
Scorpio 550	18'	1"-16"	4.9-6.6 Sq. feet	16	8.9'	.62-4.3 MPH	100	500/60 R22.5	12787



## HORTICULTURAL



● Hydraulic Self-Loading Bin Trailers



● Narrow Roller Trailers



● Ladder Trailers



● Empty Bin Trailers



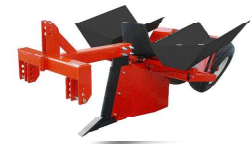
● Roller Trailers



● 3-Point Forks



● Front Mounted Spray Booms



● Tree Planters

## BASKET RAKES

### TWINSTAR GENERATION3 BASKET RAKES

The 7 Bar Series basket rakes are the premier rakes designed for commercial farming operations. These rugged rakes are designed to rake two windrows together and turn hay to speed up drying time prior to baling.

### LONESTAR SINGLE BASKET RAKES

Hydraulically-driven rubber-mounted tines allow the operator to match the basket and ground speed to the crop conditions to produce consistent windrows that dry faster, so they are ready for baling sooner.

### BASKET RAKES

MODELS	MAXIMUM RAKING WIDTH	TRANSPORT WIDTH	HYDRAULIC REQUIREMENT	OPERATING SPEED	RUBBER MOUNTED TINES	WEIGHT
2027G3-7	Up to 27'	10'9"	12 GPM 2000 PSI Tractor with single hydraulic remotes	Up to 10 MPH	Standard: 154 per basket Optional: 224 per basket	5100
2030G3-7	Up to 30'	10'9"	12 GPM 2000 PSI Tractor with single hydraulic remotes	Up to 10 MPH	Standard: 175 per basket Optional: 259 per basket	5600
1090	9'3"	13'	8 GPM 1500 PSI	Up to 8 MPH	Standard: 105 per basket Optional: 155 per basket	1900

## HAY & FORAGE



Twinstar Basket Rakes



Lonestar Single Basket Rake

**MODEL 355**

FEATURES:

- Smooth running steel hoop has rubber track belting and three film dispensers.
- Wraps 5'6" square bales
- Wraps 6' square bales

**MODEL 370**

FEATURES:

- Extra wide positive drive chain hoop has four film dispensers.
- Wraps 7' square bales
- Wraps 6' round bales

<b>INLINE BALE WRAPPERS</b>						
MAKE & MODEL	355	355 PRO	355 PRO-2	370	370 PRO	370 PRO-2
REMOTE CONTROL	YES	YES	YES	YES	YES	YES
FILM SENSOR	YES	YES	YES	YES	YES	YES
20 HP HONDA	YES	YES	YES	YES	YES	YES
5 GAL. GAS TANK	YES	YES	YES	YES	YES	YES
LED NIGHT LIGHTS	YES	YES	YES	YES	YES	YES
STORAGE COMPARTMENT	YES	YES	YES	YES	YES	YES
ROUND OR SQUARE	YES	YES	YES	YES	YES	YES
BALES PER MIN.	Up to 4	Up to 4	Up to 4	Up to 4	Up to 4	Up to 4
NUMBER OF WRAPS	2-12	2-12	2-12	2-12	2-12	2-12
BALE SIZE CAPACITY	5'6" SQ	5'6" SQ	5'6" SQ	7' SQ	7' SQ	7' SQ
NUMBER OF FILM DISPENSERS	3	3	3	4	4	4
SELF-PROPELLED	NO	1 Wheel	2 Wheel	NO	1 Wheel	2 Wheel
WEIGHT	6290	6300	6320	6400	6420	6440



*J.S. Woodhouse territory for Kemco is NE & NY only.*



## SKID STEER & TRACTOR FRONT LOADER, UNIVERSAL QUICK ATTACH SYSTEM

MODELS	EQUIPMENT USED ON	CAPACITY	BACKSTOP	FORK LENGTH	WEIGHT
SSPF-442	Skid Steer	4000	Step-Through	42"	345
SSPF-448	Skid Steer	4000	Step-Through	48"	359
SSPF-3748	Skid Steer	4000	Single Piece	48"	315
SSPF-5548	Skid Steer	5500	Step-Through	48"	410
PF-448	Tractor	4000	Bolt-On	48"	438



GLPF-448



JDPF-5448

## GLOBAL/EURO INTEGRATED FRAME PALLET FORKS

MODELS	CAPACITY	MOUNTING	FORK LENGTH	WEIGHT
GLPF-442	4000	Euro/Global	42"	345
GLPF-448	4000	Euro/Global	48"	359
GLPF-5548	5500	Euro/Global	48"	373

## JOHN DEERE INTEGRATED PALLET FORKS

MODELS	CAPACITY	MOUNTING	FORK LENGTH	WEIGHT
JDPF-5442	4000	400/500 Series	42"	345
JDPF-5448	4000	400/500 Series	48"	359
JDPF-6748	5500	600/700 Series	48"	373



3 PT Mount  
Shown

## HD SERIES

### HD-8 FEATURES:

- Drives posts up to 10' in length
- Optional positioner for 12' posts
- 30,000 lbs. impact at full stroke
- Available with manual or hydraulic baseplate
- Mounting options available for 3 PT/skid steer
- Requires 4 GPM @ 1500 PSI to operate

### HD-10/12H FEATURES:

- Drives posts up to 10' in length
- Optional positioner for 12' posts
- HD-10 produces 70,000 lbs. impact
- HD-12-H produces 100,000 lbs. impact
- HD-10 available with manual or hydraulic baseplate
- HD-12-H equipped with hydraulic baseplate
- Mounting options available for 3 PT/skid steer
- HD-10 requires 12 GPM @ 1500 PSI
- HD-12-H requires 15 GPM @ 1500 PSI

For a complete driver, choose a driver basic unit plus a mounting package.

TRACTOR HYDRAULIC SERIES	WEIGHT	DESCRIPTION
HD-8	438	Post driver, basic unit, w/ manual base plate
HD-8-H	486	Post driver, basic unit, w/ hydraulic baseplate
HD-10	694	Post driver, basic unit, w/ manual base plate
HD-10-H	714	Post driver, basic unit, w/ hydraulic baseplate
HD-12-H	957	Post driver, basic unit, w/ hydraulic baseplate

SKID STEER SERIES	WEIGHT	DESCRIPTION
HD-8-S-MC	478	Post driver, basic unit, w/ manual base plate
HD-8-H-S-MC	526	Post driver, basic unit, w/ hydraulic baseplate
HD-10-S-MC	734	Post driver, basic unit, w/ manual base plate
HD-10-H-S-MC	754	Post driver, basic unit, w/ hydraulic baseplate
HD-12-H-S-MC	997	Post driver, basic unit, w/ hydraulic baseplate

# STUMP GRINDERS

## SC SERIES

### TRACTOR SERIES:

- Hydraulically controlled by tractor operator
- Oversized PTO shaft with slip clutch protection
- 3/4" thick cutting wheel with carbide steel teeth
- Grinds stumps up to 45" diameter
- Includes hoses less hydraulic couplers

### SKID STEER SERIES:

- Hydraulically controlled by skid steer operator
- Electric over hydraulic controls
- Universal fast-tach mounting
- 3/4" thick cutting wheel with carbide steel teeth
- Grinds stumps up to 45" diameter
- Includes hoses less hydraulic couplers



MODELS	DESCRIPTION	WEIGHT
SC-25	Stump Buster, Cat. I or II, 3-point hitch, 24" cutting wheel for tractors rated 15 to 35 HP, Requires 2 sets hyd. remotes	832
SC-50	Stump Buster, Cat. I or II, 3-point hitch, 34" cutting wheel for tractors rated 35 to 100 HP, Requires 2 sets hyd. remotes	1181
SC-25-H	Stump Buster Skid Steer Mount for 15 to 25 GPM Hydraulic System	834
SC-50-H	Stump Buster Skid Steer Mount for 25 to 40 GPM Hydraulic System	1243
SC-30-H	Stump Buster Skid Steer Mount for 16 to 30 GPM Hydraulic System, In-Line Operation	650



COMPACT PALLET FORKS				
MODELS	CAPACITY (LBS.)	EQUIPMENT USED ON	FORK LENGTH	WEIGHT
FLPF-2000	2000	Loaders <40 HP	42"	270
SSPF-242	2000	Loaders <40 HP	48"	290
JDPF-2000	2000	Loaders <40 HP	42"	280



### COMPACT PALLET FORKS

**FEATURES:**

- Designed for compact tractors up to 40 horsepower equipped with a front loader
- Excellent for moving bulky, bagged, or palletized materials quickly and easily, saving time and effort
- Rated at 2,000 lbs
- Class I solid steel alloy forks for long life
- Spring-loaded latches allow for easy adjustment spacing
- Models available with integrated brackets for John Deere 200/300 series loaders, as well as loaders utilizing the "Universal" Skid Steer system, along with the FLPF model and bolt-on interfacing quick attach brackets available for most compact loader models.

SUB-COMPACT PALLET FORKS		
MODELS	DESCRIPTION	WEIGHT
SSPF-1236	Palletforks for Sub-Compact tractors rated at 1,250 lbs. Skid steer type mount. Class I forks 1" x 3" x 36"	208
JDPF-1236	Pallet forks for 200X, 200CX, D120, H120, H130, D160, H160 loaders, rated at 1,250 lbs. JD hook & pin QA mount. Class I forks 1" x 3" x 36"	200
JDPF-1242	Pallet forks for 200x, 200CX, D120, H120, H130, D160, H160 loaders, rated at 1,250 lbs. JD hook & pin QA mount. Class I forks 1.18" x 3" x 42"	237



MODELS	DESCRIPTION	WEIGHT
BSF-1523	3-pt. bale spear. Rated for round bales up to 1,800 lbs. Main spear is tapered with 44" usable length. Features welded balance spears. Cat. I & II	57 lbs.
HS-3000	Dual bolt-in spears with cast steel pockets, 42" usable length. Round bales maintain orientation. Fits Cat. I & II quick hitches.	78 lbs.
HS-2200	3-pt. bale spear. Designed for round bales to 2200 lbs. Bolt-in spear with cast steel socket (patent pending) usable 42". Two balance spikes. Cat. I & II	72 lbs.



MODELS	DESCRIPTION	WEIGHT
BBSF-20	Bolt-on bucket bale spear for round bales. Rated at 2,000 lbs. Bolt-in spear has usable length of 42". Requires drilling one 17/32" dia. hole in the bucket. Bolt-together design	65 lbs.
CBSF-2000	Clamp-on bucket bale spear for round bales. Rated at 2,000 lbs. Uses chain & turnbuckle system. Bolt-in spear has usable length of 42". Bolt-together design.	76 lbs.
CBSF-2028	Clamp-on bucket dual bale spear for round bales. Rated at 3,000 lbs. Uses chain & turnbuckle. Bolt-in spears have usable length of 42".	101 lbs.

MODELS	DESCRIPTION	WEIGHT
FLBS-2200	Loader bale spear rated at 2,200 lbs. Single tapered spear has usable length of 42". Optional interfacing brackets for most quick attach systems available.	121 lbs.
FLBS-3000	Loader bale spear rated at 3,000 lbs. Dual tapered spears have usable length of 42" Optional brackets for most quick attach systems available.	136 lbs.
FLBS-340	Loader bale spear rated at 4,000 lbs. for handling larger square bales. Triple spears have usable length of 42", 26-1/2" apart. Optional interfacing brackets available.	198 lbs.





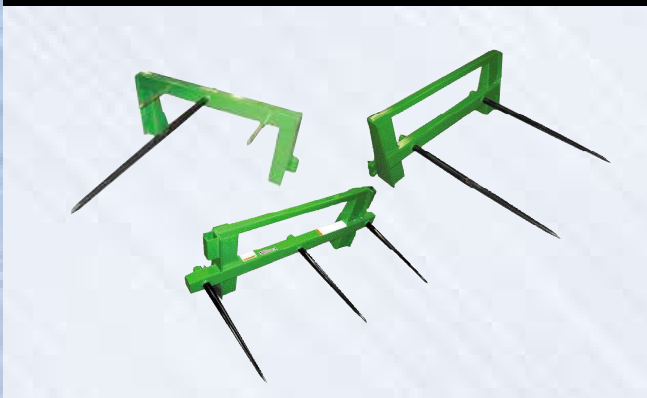
## ROUND BALE UNROLLERS



MODELS	DESCRIPTION	WEIGHT
HHU-2045	3-pt. hay handler/unroller. Rated at 2,000 lbs, it is designed for round bales either 4' or 5' in width and up to 6' in diameter. Requires a 2.5" x 8" hydraulic cylinder for operation (not included).	310 lbs.
FSO-906	3-pt. mounted hydraulically-driven bale spin off for Cat. I & II size tractors. Requires 8-10 gpm of hydraulic flow. Tapered forged spear.	250 lbs.
FLSO-907	Front loader mounted hydraulically driven bale spin off. Requires 8-10 gpm of hydraulic flow. Tapered forged spear. Optional interfacing brackets for most quick attach systems are available.	288 lbs.
SSO-908	Skidsteer mounted hydraulically driven bale spin off. Requires 8-10 gpm of hydraulic flow. Designed to interface with "universal" skidsteer quick-attach system.	325 lbs.

## JOHN DEERE LOADER SPEARS

FITS JD SERIES LOADERS: 300, 400, 500, D & H

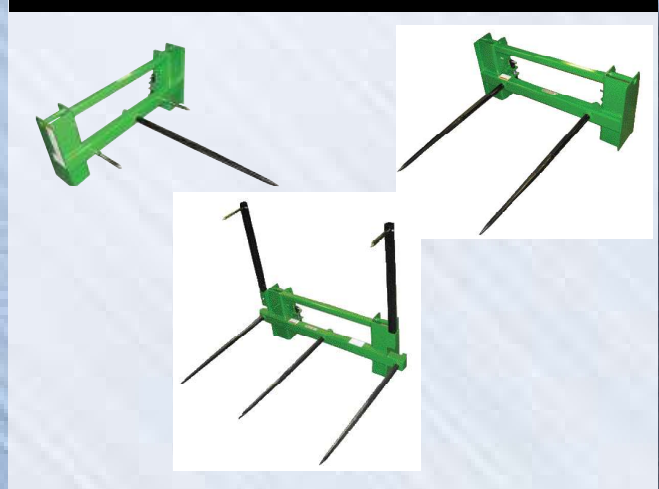


MODELS	DESCRIPTION	WEIGHT
JDBS-412	Single bolt-in forged spear with usable length of 42". Rated at 2,200 lbs. Two balance spikes, 1" x 8-1/2" usable.	121 lbs.
JDBS-423	Dual bolt-in forged spears spaced 26-1/2" apart, with usable length of 42". Rated at 3,000 lbs.	156 lbs.
JDBS-433	Triple bolt-in forged spears spaced 26-1/2" apart, with usable length of 26". Rated at 3,000 lbs. For mid-sized square bales.	164 lbs.

MODELS	DESCRIPTION	WEIGHT
JDBS-612	Single bolt-in forged spear with usable length of 42". Rated at 2,200 lbs. Two balance spikes, 1" x 8-1/2". For round bales.	176 lbs.
JDBS-623	Dual bolt-in forged spears spaced 30" apart, with usable length of 42". Rated at 3000 lbs. for round bales.	196 lbs.
JDBS-634	Triple bolt-in forged spears spaced 28.5" apart, usable length of 42". Rated at 4,000 lbs. for large sized square bales. Shown with optional uprights.	231 lbs.

## JOHN DEERE LOADER SPEARS

FITS JD SERIES LOADERS: 600 & 700



MODELS	DESCRIPTION	WEIGHT
GLB-2200	Single bolt-in forged spear with usable length of 42". Two balance spikes, 1" x 8-1/2" usable. For round bales. Rated at 2,200 lbs.	114 lbs.
GLB-3000	Dual bolt-in forged spears spaced 30" apart, with usable length of 42". For round bales. Rated at 3,000 lbs.	128 lbs.
ELB-340	Triple bolt-in forged spears spaced 28-1/2" apart, with usable length of 42". Rated at 4,000 lbs. For large-sized square bales.	200 lbs.

## EURO/GLOBAL STYLE BALE SPEARS



## BALE SPEARS SKID STEER QUICK-ATTACH



MODELS	DESCRIPTION	WEIGHT
SSB-2200	Skid steer single bale spear. Rated at 2,200 lbs. Designed to interface with "universal" skid steer quick-attach system. Bolt-in tapered spear has usable length of 42".	129 lbs.
SSB-3000	Skid steer double bale spear. Rated at 3,000 lbs. Designed to interface with "universal" skid steer quick-attach system. Bolt-in tapered spears have usable length of 42".	146 lbs.
SSRB-340	Skid steer triple bale spear. Rated at 4,000 lbs for handling large-sized square bales. Bolt-in spears have usable length of 42", spaced 26.5" apart. Interfaces with "universal" skid steer quick-attach system.	190 lbs.
SSRB-330	Skid steer triple bale spear. Rated at 3,000 lbs for handling single or double (with optional uprights 830693) mid-sized square bales. Bolt-in spears have usable length of 26", spaced 26-1/2" apart. Interfaces with "universal" skid steer quick-attach system.	165 lbs.

## BALE HUGGERS



MODELS	DESCRIPTION	WEIGHT
UBH-2072	Bale hand. Rated at 2,200 lbs. Designed to handle 4-6 ft. round bales. Both arms open to clamp bale. Hydraulic cylinder (less hoses) included. Optional interfacing brackets for most quick attach systems are available. Not for 3-pt.	520 lbs.
SSBH-2072	Skid steer bale hand. Rated at 2,200 lbs. Designed to handle 4'-6' round bales. Both arms open to clamp bale. Hydraulic cylinder is included. Interfaces with "universal" skid steer quick-attach system.	470 lbs.



## QUICK HITCHES



MODELS	DESCRIPTION	WEIGHT
QH-10178	3-Point Quick Hitches from Cat I - III. All Quick Hitches feature high strength tubing for torsional strength. Over-center spring-loaded mechanism provides a positive lock yet easy release. A tapered top hitch point bracket allows for easier connections.	73-185 lbs.

# MATERIAL HANDLING ATTACHMENTS

## GRAPPLE RAKES



MODELS	DESCRIPTION	WEIGHT
FLGR-262	Front Loader Split Top Grapple Rake. 62" wide. Two upper grapples handle a variety of materials. Two 2" x 10" hydraulic cylinders. Optional interfacing brackets available.	704 lbs.
FLGR-277	Front Loader Split Top Grapple Rake. 77" wide. Two 2" x 10" hydraulic cylinders. Optional interfacing brackets available.	884 lbs.
FLGR-262G	Front Loader Split Top Integrated Grapple Rake. 62" wide. Two upper grapples handle variety of materials. Two 2" x 10" hydraulic cylinders. Integrated Global/Euro implement hooks standard.	764 lbs.
FLGR-277G	Front Loader Split Top Integrated Grapple Rake. 77" wide. Two upper grapples handle variety of materials. Two 2" x 10" hydraulic cylinders. Integrated Global/Euro implement hooks standard.	924 lbs.
SSGR-262	Skid Steer Split Top Grapple Rake. 62" wide with two upper grapples for handling a variety of materials. Unit is equipped with two 2" x 10" hydraulic cylinders.	820 lbs.
SSGR-277	Skid Steer Split Top Grapple Rake. 77" wide with two upper grapples for handling a variety of materials. Unit is equipped with two 2" x 10" hydraulic cylinders.	965 lbs.

## COMPACT GRAPPLE RAKES



## ELECTRIC GRAPPLE RAKES



MODELS	DESCRIPTION	WEIGHT
CTMG-48S	48" wide grapple for sub-compact tractors with loaders that utilize the "universal" skid steer quick attach mounting. Single 31" wide grapple provides clamping force. Shipped less hoses and fittings.	320 lbs.
CTMG-48JD	Mini-grapple for John Deere sub-compacts. Equipped with loaders that use the JD 200/300/400 bucket quickattach. Overall width 48", upper grapple 31". Shipped less hoses and fittings.	320 lbs.
FLGR-4062	Designed for compact tractor front loaders. Grapple rake is 60 inches wide for picking up hard to handle materials. Single cylinder controls upper grapple. Optional interfacing brackets for most compact loaders available.	277 lbs.
FLGR-4062S	For compact tractor front loaders w/ "universal" quick attach system. 60 inches wide for picking up hard to handle materials. Single cylinder controls upper grapple. Not for skid steers.	355 lbs.

MODELS	DESCRIPTION	WEIGHT
ESCG-48S	49" wide electric grapple for sub-compact tractors with loaders that utilize the "universal" skid steer quick attach mounting. Rocker switch allows operator to control grapple movement with touch of a finger.	247 lbs.
ESCG-48JD	49" wide electric grapple for John Deere Hook & Pin sub-compacts. Rocker switch allows operator to control grapple movement with touch of a finger.	240 lbs.



MODELS	DESCRIPTION
ETG-SERIES-GRAPPLE	Designed for use on skid steers (and tractor front loaders) utilizing the "Universal" skid steer attaching system. Also fits John Deere 300/400/500 series loaders. Ideal for raking, piling, and loading brush and other hard to handle materials while leaving dirt behind. Overall width range: 61.5" to 71.75" depending on model. Horsepower range of 30-80.

## ETG SERIES GRAPPLE



MODELS	DESCRIPTION	WEIGHT
M/S-72JD	Manure/Silage Fork 72" in width. 10 forged cranked tines. Interfaces with JD400/500 Series Loaders.	268 lbs.
M/S-60U	Universal Manure / Silage Fork, 60" width, 8 forged cranked tines. Optional brackets for most quick attach systems available.	185 lbs.
M/S-72U	Universal Manure / Silage Fork, 72" width, 10 forged cranked tines. Optional brackets for most quick attach system available.	330 lbs.

## MANURE / SILAGE FORKS



## MANURE / SILAGE GRAPPLES



MODELS	DESCRIPTION	WEIGHT
M/SG-60S	Manure / Silage Fork with upper grapple, 60" in width. Unit features 8-forged cranked tines spaced 7" apart, 34" wide upper grapple, hoses with connect under pressure flat-faced couplers and integrated mount to interface with "universal" Skid Steer mounting system.	375 lbs.
M/SG-72S	Manure / Silage Fork with upper grapple, 72" in width. Unit features 10-forged cranked tines spaced 7" apart, 34" wide upper grapple, hoses with connect under pressure flat-faced couplers and integrated mount to interface with "universal" Skid Steer mounting system.	450 lbs.

## MANURE / SILAGE GRAPPLES



MODELS	DESCRIPTION	WEIGHT
M/SG-60JD	Manure / Silage Fork w/ upper grapple, 60"-8 forged cranked tines, 34" upper grapple. Interfaces with JD400/500 Series Loaders, less hoses and couplers.	365 lbs.
M/SG-72JD	Manure / Silage Fork w/ upper grapple, 72" - 10 forged cranked tines, 34" upper grapple. Interfaces with JD400/500 Series Loaders, less hoses and couplers.	445 lbs.
M/SG-60U	Universal Manure/Silage Fork with upper grapple, 60" width, 10 forged cranked tines. 34" upper grapple. Optional brackets for most quick attach system available, less hoses and couplers.	475 lbs.
M/SG-72U	Universal Manure / Silage Fork with upper grapple, 72" 10 forged cranked tines, 34" upper grapple. Optional bracket for most quick attach system available, less hoses and couplers.	550 lbs.

## 20 SERIES SNOW PUSHERS

MODELS	DESCRIPTION	WEIGHT
20-Series for Sub-Compact Tractors with Skid Steer Attaching System:		
SPS-2048R	4' Snow Pusher w/ Rubber Edge	146 lbs.
SPS-2048M	4' Snow Pusher w/ Metal Edge	163 lbs.
SPS-2060R	5' Snow Pusher w/ Rubber Edge	159 lbs.
SPS-2060M	5' Snow Pusher w/ Metal Edge	180 lbs.
20-Series for John Deere 200/300/400/ D120/H120/H130/D160/H160 Series Loaders with JD attaching system:		
SPJD-2048R	4' Snow Pusher w/ Rubber Edge	131 lbs.
SPJD-2048M	4' Snow Pusher w/ Metal Edge	148 lbs.
SPJD-2060R	5' Snow Pusher w/ Rubber Edge	145 lbs.
SPJD-2060M	5' Snow Pusher w/ Metal Edge	435 lbs.

## 24 SERIES SNOW PUSHERS

MODELS	DESCRIPTION	WEIGHT
SPS-2460R	5' Snow Pusher w/ Rubber Edge	390 lbs.
SPS-2460M	5' Snow Pusher w/ Metal Edge	410 lbs.
SPS-2472R	6' Snow Pusher w/ Rubber Edge	430 lbs.
SPS-2472M	6' Snow Pusher w/ Metal Edge	450 lbs.
SPS-2484R	7' Snow Pusher w/ Rubber Edge	465 lbs.
SPS-2484M	7' Snow Pusher w/ Metal Edge	485 lbs.
SPJD-2460R	5' JD Snow Pusher w/ Rubber Edge	379 lbs.
SPJD-2460M	5' JD Snow Pusher w/ Metal Edge	399 lbs.
SPJD-2472R	6' JD Snow Pusher w/ Rubber Edge	415 lbs.
SPJD-2472M	6' JD Snow Pusher w/ Metal Edge	435 lbs.
SPJD-2484R	7' JD Snow Pusher w/ Rubber Edge	450 lbs.
SPJD-2484M	7' JD Snow Pusher w/ Metal Edge	470 lbs.

## 36 SERIES SNOW PUSHERS

MODELS	DESCRIPTION	WEIGHT
SPS-3696R	8' Snow Pusher w/ Rubber Edge	815 lbs.
SPS-36120R	10' Snow Pusher w/ Rubber Edge	905 lbs.
SPJD-3696R	8' Snow Pusher w/ Rubber Edge	780 lbs.
SPJD-36120R	10' Snow Pusher w/ Rubber Edge	870 lbs.
SPG-3696R	8' Snow Pusher w/ Rubber Edge	810 lbs.
SPG-36120R	10' Snow Pusher w/ Rubber Edge	900 lbs.
SPB-3696R	8' Snow Pusher w/ Rubber Edge	762 lbs.
SPB-36120R	10' Snow Pusher w/ Rubber Edge	864 lbs.
SPC-3696R	8' Snow Pusher w/ Rubber Edge	865 lbs.
SPC-36120R	10' Snow Pusher w/ Rubber Edge	967 lbs.



*Designed to fit compact and sub-compact tractors with loaders that utilize the "universal" skid steer attaching system. Models are also available for John Deere loaders using the 200/300/400 attaching system.*



MODELS	DESCRIPTION	WEIGHT
SBC-2160	5' Clamp-On Snow Blade for compact tractors. Uses chain & turnbuckle system. 21" high moldboard.	305 lbs.
SBC-2172	6' Clamp-On Snow Blade for compact tractors. Uses chain & turnbuckle system. 21" high moldboard.	331 lbs.

## CLAMP-ON SNOW BLADES

## 5' SNOW BLADES

MODELS	DESCRIPTION	WEIGHT
SBS-2160	5' Snow Blade for compact tractors 40HP or less with loaders that utilize the "Universal" quick-attach system. 21" high moldboard.	334 lbs.
SBFL-2160	5' Snow Blade for compact tractors 40 HP or less. 21" high moldboard. Shipped less brackets. Optional interfacing brackets available.	347 lbs.
SBJD-2160	5' Snow Blade for JD 200, 300, 400 loaders equipped with JD QA System.	334 lbs.

MODELS	DESCRIPTION	WEIGHT
SBS-2172	6' Snow Blade for compact tractors 40 HP or less w/ loaders that utilize the "Universal" quick-attach system. 21" high moldboard.	350 lbs.
SBFL-2172	6' Snow Blade for compact tractors 40 HP or less. 21" high moldboard. Shipped less brackets. Optional interfacing brackets available.	366 lbs.
SBJD-2172	6' Snow Blade for JD 200, 300, 400 loaders equipped with JD QA System.	350 lbs.

## 6' SNOW BLADES

## HD 7.5' SNOW BLADES

MODELS	DESCRIPTION	WEIGHT
SBS-2790A	HD 7.5' Snow Blade for Skid Steer Loaders. 5° lateral oscillation & manual angle adj. std. 27" high moldboard.	530 lbs.
SBFL-2790A	HD 7.5' Snow Blade for tractor front loaders. 5° lateral oscillation and manual angle adj. std. 27" high moldboard. Optional interfacing brackets available.	555 lbs.
SBG-2790A	HD 7.5' Snow Blade for tractor front loaders w/ Global/Euro carrier system. 5° lateral oscillation and manual angle adj. std. 27" high moldboard.	530 lbs.
SBJD-2790A	HD 7.5' Snow Blade for JD 400/500 series front loaders. 5° lateral oscillation and manual angle adj. std. 27" high moldboard.	530 lbs.



MODELS	DESCRIPTION	WEIGHT
SBS-27108A	HD 9' Snow Blade for Skid Steer Loaders. 5° lateral oscillation and hyd. angle adj. with cross-over relief valve, 27" high moldboard.	665 lbs.
SBFL-27108A	HD 9' Snow Blade for Tractor Front Loaders. 5° lateral oscillation and hyd. angle adj. With cross-over relief valve, 27" high moldboard. Optional interfacing brackets available.	690 lbs.
SBG-27108A	HD 9' Snow Blade for tractor front loaders w/ Global/ Euro carrier system. 5° degree lateral oscillation and hyd. angle adj. w/ crossover relief valve, 27" high moldboard.	665 lbs.
SBJD-27108A	HD 9' Snow Blade for JD 400/500 series front loaders. 5° degree lateral oscillation and hyd. Angle adj. w/ crossover relief valve, 27" high moldboard.	665 lbs.

**LAND MANAGEMENT ATTACHMENTS**

MODELS	DESCRIPTION	WEIGHT
812440	Skid steer and mini skid steer trailer/ equipment movers are ideal for spotting equipment in tight areas or moving equipment around the yard. Both movers will accept standard 2" ball mounts, sold separately	98 lbs
812445 (mini)		35 lbs

MODELS	DESCRIPTION	WEIGHT
PLR-48	Pull-type 4' landscape rake with clevis hitch. For ATV or Garden tractors up to 22 HP	195 lbs.
PLR-60	Pull-type 5' landscape rake with clevis hitch. For ATV or Garden tractors up to 22 HP	205 lbs.
PLR-72	Pull-type 6' landscape rake with clevis hitch. For ATV or Garden tractors up to 22 HP	225 lbs.



**TRAILER MOVERS**



**FLIP-OVER ATTACHMENTS**

MODELS	DESCRIPTION	WEIGHT
FOD-16	5' single gang flip-over disc with clevis hitch. 16" dia. notched blades. Requires 18hp or 400cc minimum. Built-in weight rack.	240 lbs.
FOC-48	Flipover Culti-packer, 4' wide with 9½" cast-iron notched packer wheels.	274 lbs.

**ATV / GARDEN TRACTOR ATTACHMENTS**







## POST HOLE DIGGERS

### FEATURES:

- Allow the operator to dig deeper, faster, and smarter
- Shear-bolt protected driveline is coupled to a rugged gear-box, featuring tapered roller bearings and spring-loaded seals for extended service life.
- 2" output shaft has two-bolt auger connection for reliable power transfer
- All job-matched augers utilize fishtail center points with double flighting on the first turn for quick, positive digging action right from the start.

MODELS	HITCH CATEGORY	DRIVE TYPE	HP	AUGER SIZES
300	0	PTO, 540 RPM	Up to 25 HP	6"-12"
500	I & II	PTO, 540 RPM	20-35 HP	6"-12"
720	I & II	PTO, 540 RPM	25-65 HP	6"-24"
925	I & II	PTO, 540 RPM	35-95 HP	6"-30"
614HC	I & II	Hydraulic	5-10 GPM	6"-14"
624HC	I & II	Hydraulic	10-20 GPM	6"-24"
714HC	Bolt-on	Hydraulic	5-10 GPM	6"-14"
724HC	Bolt-on	Hydraulic	10-20 GPM	6"-24"
814HC	Clamp-on	Hydraulic	5-10 GPM	6"-14"
824HC	Clamp-on	Hydraulic	10-20 GPM	6"-24"
914HC	Skid Steer	Hydraulic	5-10 GPM	6"-14"
924HC	Skid Steer	Hydraulic	10-20 GPM	6"-24"
924HS Euro	Euro/Global	Hydraulic	10-20 GPM	6"-24"

## POST HOLE DIGGERS



## 3-POINT ROTARY BROOMS

MODELS	OVERALL WIDTH	PATH @ 30 DEGREE ANGLE	BRUSH TYPE	WEIGHT
RMB-325P	69"	53"	Poly	720
RMB-325W	69"	53"	Poly/Wire	714
RMB-326P	81"	64"	Poly	780
RMB-326PW	81"	64"	Poly/Wire	774
RMB-327P	93"	84"	Poly	840
RMB-327PW	93"	87"	Poly/Wire	833

## 3-POINT ROTARY BROOMS



## SKID STEER ROTARY BROOMS

MODELS	OVERALL WIDTH	PATH @ 30 DEGREE ANGLE	BRUSH TYPE	WEIGHT
SSMB-325P	69"	53"	Poly	640
SSMB-325W	69"	53"	Poly/Wire	637
SSMB-326P	81"	64"	Poly	740
SSMB-326PW	81"	64"	Poly/Wire	736
SSMB-327P	93"	76"	Poly	840
SSMB-327PW	93"	76"	Poly/Wire	833

## SKID STEER ROTARY BROOMS



MODELS	DESCRIPTION	WEIGHT
SSGB-8B	For asphalt, landscaping, and concrete flatwork. 8-foot six-way hydraulically controlled moldboard operated by an in-cab remote. Complete with 1/2" "connect under pressure" flat-faced hydraulic couplers and reversible beveled cutting edge for long life. 46-1/2"H x 98"L x 95-1/2"W.	1195 lbs.

## SKID STEER GRADER BLADE



MODELS	DESCRIPTION	WEIGHT
PTC-625	Includes #80 drive chain for dependable power transfer, PTO with slip clutch, dual flip-up gauge wheels, flip-up side shields for easy storage on the machine and adjustable material bar for controlling processed material flow. 84" working width. Larger models av	790 lbs.

## POWERED LANDSCAPE RAKES



# ADAPTER BRACKETS

## CONVERSION BRACKETS

### FEATURES:

- Boosts your loader's productivity
- All welded frames for durability
- Plated latch components for long service life
- Conversions to Universal Skid Steer Quick Attach system or the Euro/Global standard
- Designed for many utility, compact, and sub-compact tractor front-end loaders



# WELD-ON PLATES



## ATTACHMENT BRACKETS

### FEATURES:

- Converts your bucket or other attachments to modern attachment methods
- Engineered to fit, allowing you to get more done
- Plates convert to Universal Skid Steer Quick Attach system or the Euro/Global standard
- Heavy-duty versions available
- Designed for many utility, compact, and sub-compact tractor attachments





## TRENCHERS



- Standard and high flow options available
- Boom & chain combinations to suit most digging conditions

## POWER RAKES



- 60" to 90" working widths
- Manual and hydraulic angle versions

## ANGLE SWEEPERS



- 60" to 96" brush widths available
- Mechanical angle standard (hydraulic optional)

## HYDRAULIC AUGERS



- Planetary drive assemblies to suit most mounting systems
- Five styles of augers to match digging conditions

## HEAVY-DUTY BUCKETS



- Low-profile buckets in standard and long-floor versions
- Bolt-on side cutters, bolt-on edge and tooth bars available

## UTILITY GRAPPLES



- Available with solid or open tine floor
- Features patented grapple pins and cushioned cylinders





## EXTREME BRUSH CUTTERS



- 72" cutting width for high-flow applications
- Optional 18 tooth carbide grinding kit for mulching material

## STANDARD BRUSH CUTTERS



- Available in 60" (std. flow) 72" & 78" (std. / high flow)
- Bi-directional blades cut in both directions

## COMPACT PALLET FORKS



- ITA forks with universal skid steer coupler hitch
- 2250 lb. capacity with 42" or 48" tines

## COLLECTOR SWEEPERS



- 60" to 84" brush widths available
- Brush head reversible for "dust panning" debris

## WALK BEHIND SWEEPERS



- Model WSP36 Walk Behind Sweepster, 36" working width
- Honda engines, 5 forward speeds, neutral and reverse

## TRACTOR MOUNT SWEEPERS



- Available in front or rear-mounting configurations
- Mechanical and hydraulic versions to suit application





## PALLET FORKS



- Universal skid steer and tractor loader fork frames
- Standard and high capacity fork tines

## BACKHOES



- Multiple classes to meet desired weight and digging force
- Digging depths range from 78" to 132"

## ROCK BUCKETS



- Available in 2" and 3" bucket-tine spacing
- Collects rocks and debris, allowing the soil to sift through

## COMPACT 4-IN-1 BUCKETS



- 60" and 72" models available
- Bucket, clam, grapple, dozer, box scraper & bottom dump

## MULTI-PURPOSE BUCKETS



- Bucket, clam, grapple, dozer, box scraper & bottom dump
- Strong hinges and pins to distribute load

## SKID STEER SNOW BLOWER



- Throws snow up to 45 feet
- Models available in standard and high-flow





**SILAGE DEFACER**



- Removes hay & corn silage from tightly compacted bunkers
- 0 to 19 ft. working height, 96" cutting width

**BRUSH GRAPPLES**



- Fabricated with high-strength steel & replaceable bushings
- Check valve allows independent movement of grapples

**DOZER BLADES**



- 84" & 96" blades with hydraulic angle and tilt
- Tilt indicator visible from operator's seat

**TILLERS**



- Bi-directional rotor permits tilling in both directions
- Available with fixed or adjustable offset

**TRACTOR POWER RAKES**



- Various models compatible with 15-80 HP tractors
- Hydraulic angle left or right for directing material

**3-POINT TRENCHERS**



- Cat. I 3-Point mount for 20-45 HP hydrostatic tractors
- PTO shaft drive with heavy-duty slip clutch



**SUNDOWN P-SERIES SNOWBLOWERS**

MODELS	WORKING WIDTH	CUTTING HEIGHT	DRUM DIAMETER	NUMBER OF IMPELLER BLADES	MAIN AUGER DIAMETER	HITCH CATEGORY	TRACTOR PTO HP	WEIGHT INCLUDING CHUTE
P-54	54"	25"	21"	4	16"	I	18-22	374
P-64	64"	28"	24"	4	16"	I	18-25	425

**P-SERIES SNOWBLOWERS**

- FEATURES:
- Blow snow going forward, work faster! The draw behind snowblower, while still installed at the rear of the tractor, allows you to blow snow while traveling forward
  - Balanced auger protected by shear bolt
  - Roller bearing encased in ductile cast iron
  - Main heavy duty PTO shaft protected by shear bolt
  - Chute base on antifriction ring
  - Manual chute rotation with a hydraulic option
  - Chute with 2 hinged deflectors
  - Adjustable skid shoes
  - Reinforced 4 blade rotor



**SUNDOWN INVERTED SNOW BLOWERS**

MODELS	WORKING WIDTH	CUTTING HEIGHT	DRUM DIAMETER	NUMBER OF IMPELLER BLADES	MAIN AUGER DIAMETER	HITCH CATEGORY	TRACTOR PTO HP	WEIGHT INCLUDING CHUTE
P-64-IV	64"	29"	24"	4	16"	I	18-30	470
P-72-IV	72"	29"	24"	4	16"	I	18-30	502
P-74-IV	74"	31"	26"	4	17"	I	30-50	702
P-80-IV	80"	31"	26"	4	17"	I	30-50	740

**INVERTED SNOWBLOWERS**

- FEATURES:
- Blow snow going forward, work faster!
  - The draw-behind snowblower, while still installed at the rear of the tractor, allows operator to blow snow while traveling forward.
  - Hydraulic cylinder for chute deflector optional
  - Hydraulic motor chute rotation kit with motor MLH-125 included
  - Electric rotation available



## BLIZZARD SNOWBLOWERS

For small or large areas, you won't be disappointed by the performance of Blizzard snowblowers. We offer a range of snowblower models in widths from 48 inches to 94 inches, compatible with tractors from 15 horsepower to 75 horsepower.



B48C

## RAD 3-POINT SNOWBLOWERS

MODELS	RECOMMENDED HP AT PTO	CUTTING WIDTH	CUTTING HEIGHT	FAN DIAMETER	NUMBER OF BLADES	AUGER DIAMETER	HITCH CATEGORY	WEIGHT
B48C	15-30	48"	24-3/4"	20"	4	15"	I	420
B54C	20-40	54"	26"	24"	4	15"	I	512
B64C	20-40	64"	26"	24"	4	15"	I	531
B74C	30-45	74"	26"	24"	4	15"	I	664
B84C-L	30-50	84"	27-1/2"	24"	4	15"	I	800
B84A	45-75	84"	34"	28"	4	20"	I & II	1190
B94A	50-75	94"	34"	28"	4	20"	II	1231

## DEBRIS BLOWERS

### RAD DB6000 DEBRIS BLOWER

POWER SOURCE	HITCH	AIR FLOW	IMPELLER DIMENSION	IMPELLER SPEED	AIR VELOCITY	DIRECTIONAL CONTROL	DIMENSION	WEIGHT
30HP Tractor PTO 540 rpm 25 HP PTO	I & II	6061 CFM	29-3/4" x 10" 12 Blades	1453 RPM to 540 RPM	141 MPH	Manual Panel Left or Right	54-1/2" Length x 48-1/2" Height x 49-1/4" Width	655







## SNOW/BULK BUCKETS



### FEATURES:

- Heavy-duty 1/4" steel construction
- Compatible with most skid loaders
- Six different sizes available
- Skid reinforcements on the bottom of bucket
- High-capacity bucket carries/moves more material
- 3/4" x 6" heavy-duty cutting edge
- Deeper bucket allows for larger capacity of material
- Heavy-duty step pads to make machine entry/exit safer



### SNOW/BULK BUCKETS

MODELS	DESCRIPTION	WIDTH	HEIGHT	WEIGHT
3-SB60	60" Bucket	60"	36.25"	580
3-SB72	72" Bucket	72"	36.25"	660
3-SB84	84" Bucket	84"	36.25"	750
3-SB96	96" Bucket	96"	36.25"	860
3-SB102	102" Bucket	102"	36.25"	900
3-SB120	120" Bucket	120"	36.25"	1020



## SUNDOWN WEIGHT BOXES



### WEIGHT BOXES

MODELS	DESCRIPTION	WEIGHT
8239	Weight Box, Cat I - 32w x 16d x 22h - 500 lb. capacity	101
8240	Weight Box, Cat I/II - 27w x 29d x 30h - 1000 lb. capacity	168
8246	Weight Box, Cat I/II - 29w x 32d x 35h - 1500 lb. capacity	220

## STRAW BLOWERS

MODELS	SB1300	SB5400
POWER SOURCE	HONDA GX390	PTO 540"H
POWER DISCHARGE	45'-50' discharge w/ 6" x 30' hose	50'-55' discharge w/ 6" x 30' hose
DIMENSIONS	31"W x 55" L x 51"H	31"W x 60" L x 51"H
BALES/MINUTE	1-1.5 bales	1-2 bales
ROTOR	10" dia./32 knives	10" dia./32 knives
IMPELLER	16.5"dia./25" steel	16.5"dia./25" steel
WEIGHT	490	525



## STRAW BLOWERS

Enhance productivity and multiply your coverage area more efficiently than traditional mulching methods with the Harper Turf Straw Blower. Cut application time in half and blanket those hards to reach spaces with the discharge hose extending your range up to 50 ft. Powerful enough to shred up to two bales per minute, you'll quickly and easily cover commercial sites, highway constructions jobs, and residential gardens.

## DEBRIS BLOWERS

With fan sizes applicable for professional or private use, the Harper debris blower's compact and bi-directional design makes quick work of any debris problem. Built for versatility, the turf-friendly roller minimizes damage on sensitive landscape areas, and the heavy caster wheels help clear leaves and heavy grass clippings from hard surfaces.

## DEBRIS BLOWERS

MODELS	DB2700	DB3600
AIR FLOW	4000 CFM approx. 220 MPH	7100 CFM approx. 225 MPH
OPERATOR NOISE	81 dB	94 dB
BLOWER HOUSING	31" split design for easy fan access	40" split design for easy fan access
FAN	27" dia.	36" dia.
PTO SHAFT	540 RPM PTO belt drive	540 RPM PTO belt drive
BELT DRIVE	4/3V Powerband	4-5VX belts with automatic tensioner
MOUNTING	Tractor 3 point, cat I	Tractor 3 point, cat I
CASTER WHEELS	Heavy-duty 10" adjustable	Heavy-duty 10" adjustable
ANTI-SCALP	Tough 3" dia. rollers	Tough 3" dia. rollers
REQUIRED HP	20-30 PTO HP min.	30 PTO HP min.
DIMENSIONS	43"L x 48"W x 26"H	48"L x 64"W x 45"H
AIR-FLOW CONTROL	Bi-directional discharge (left or right) controlled from operator's seat	Bi-directional discharge (left or right) controlled from operator's seat
WEIGHT	425	825





## D-SERIES BUCKTOP CANOPY

### FEATURES:

- Full-length wood stringers for strength and rigidity
- Fits John Deere tractors
- Matching green gel coat with UV inhibitor
- "Blackened" resin assuring a completely dark underside
- 1" diameter drip rail with rear drains for water runoff, entry "grab handle" and tremendous strength at the critical edges
- Heavy-duty, powder-coated bracketry and hardware
- Complete rubber isolation with sound-dampening, porous, and textured underside

D4 John Deere Bucktop



## D-SERIES BUCKTOP CANOPY

MODELS	OUTSIDE DIM. (A X B)	EFFECTIVE DIM. (C X D)	EFFECTIVE COVERAGE
D3	44 x 54	56 x 66	23 SF
D4	49 x 57	63 x 71	31.5 SF
D5/D6	55 x 64	72 x 81	40.5 SF

## SUNSHADE N1 & N2

### FEATURES:

- Custom-fit your canopy with our adjustable mounting system: 15 degree pitch, 6"-8" vertical, up to 4" fore/aft adjustment.
- Quality chop and hand-laid fiberglass
- Heavy-duty reinforcement at all mounting points
- Heavy-duty, rock-hard powder-coated bracketry
- Rubber isolation with sound-dampening and blacked-out underside
- Hi-gloss, color-matched gel-coat with UV inhibitors
- Available colors: green, blue, red, orange, white

N2K Canopy-Large



N2R Canopy-Large



N1B Canopy-Small



DCGT Gator 2 Post Canopy



## SUNSHADE UTILITY TRACTORS

MODELS	SUNSHADE DIMENSIONS	EFFECTIVE COVERAGE	ROPS APPLICATION	WEIGHT
N1 COMPACT UTILITY	45" W x 58" L	24 SF	Fits ROPS 30"-40" Width	25
N2 UTILITY	52" W x 66" L	30 SF	Fits ROPS 35"-48" Width	30

**UTILITY AUGERS**

## FEATURES:

- For permanent or semi-permanent auger installations
- Utility augers in 4", 6", 8", 10" and 13" diameters in various lengths
- Can be used at grain bins or bulk tanks
- Electric motor, pulley, and switches not supplied

**MKX SERIES AUGERS**

## FEATURES:

- Wear Edge technology extends the life of the flighting, providing an extra layer of steel welded to the edge on critical wear points. Flighting lasts longer and needs to be replaced less often.
- Durable powder-coat paint protects finish and prevents rusting.
- 10" diameter available in lengths of 53', 63', 73', or 83'.

**WR SERIES AUGERS**

## FEATURES:

- 8" diameter available in various lengths from 26' to 71'.
- 10" and 13" diameter available in various lengths from 31' to 71'

## OPTIONAL FEATURES:

- High-capacity hydraulic winch with automatic break allows the user to raise and lower the auger.
- Poly hoppers are durable and flexible and allow for easy grain transfer with minimum spillage. Speed reducer kit lowers flight speed for grain dryers and feed systems and minimizes wear on the auger.
- With five bucket sections, the flex spout directs grain flow and reduces spillage. Available in polyethylene



*J.S. Woodhouse territory for Westfield is NE & NY only.*



With a cart, there's no need to carry a heavy load by yourself. It's also not necessary to go back and forth to carry your bags of fertilizer, mulch, or any load from one place to another.

A sweeper works smoothly with its durable brush, so grass never gets damaged while cleaning the lawn. A sweeper holds almost twice as much as a bagger so the contents do not need to be emptied as often.

## UTILITY & GARDEN CARTS

MODELS	DESCRIPTION	WEIGHT
45-0101B	12 cu.ft Dump Cart-750# cap-black	102
45-0519	Dump Cart Utility 17 cu. ft	147
45-0529	Utility 17 cu. ft ATV	137



## LAWN SWEEPERS

MODELS	DESCRIPTION	WEIGHT
45-0320	42" Tow Sweeper	68
45-0492	44" Tow Sweeper	95
45-0546	52" Tow Sweeper	95



Late summer and early fall are the best times of the year to fertilize your lawn. The summer is an excellent time to give your lawn a healthy boost. In the fall, fertilizing gives your lawn extra strength to help it through the winter.

A roller levels out your lawn, removing bumps and depressions. A roller is also good for new sod and freshly seeded lawns. Agri-Fab rollers are available in both steel and poly.

## SPREADERS

MODELS	DESCRIPTION	WEIGHT
45-0288	42" Poly PRO Tow Drop Spreader, 175#	51
45-0329	Broadcast Spreader, 175# Tow	58
45-0462	SmartSpreader 130# Push	37
45-0463	SmartSpreader 130# Tow	37
45-0526	Broadcast Spreader, 110# Push	30
45-0527	Broadcast Spreader, 110# Tow	31



## LAWN ROLLERS

MODELS	DESCRIPTION	WEIGHT
45-0179	Tow (24" x 36") - steel	93
45-0216	Tow (24" x 48") - steel	114
45-0267	Push/Tow (18" x 24") - poly	40
45-0268	Tow (18" x 36") - poly	45
45-0269	Tow (18" x 48") - poly	56





MODELS	3-PT	CABLE	BUTT PLATE HxW	TOTAL HEIGHT	HP MIN.-MAX.	PULLING CAPACITY	WEIGHT
V-3021	Cat. I	130' x 5/16"	15" x 40"	57"	25-45	6600	425
V-3521	Cat. I	130' x 5/16"	19" x 50"	61"	25-45	7275	448
V-4021	Cat. I & II	164' x 3/8"	22" x 59"	69"	35-65	8800	657
V-5021	Cat. I & II	164' x 3/8"	25" x 59"	73"	40-70	11,000	697
V-6521	Cat. II & III	164' x 7/16"	28" x 59"	85"	60-110	14,300	1016



## FORESTRY WINCHES

### FEATURES:

- All models have top & middle pulleys
- Cable, PTO, & protection screen included (not ROPS)



## FORESTRY GRAPPLE

### SK FORESTRY GRAPPLE

#### FEATURES:

- Cylinder & hoses included
- Bronze brushings at all pivot points standard
- Add bolt-on mounting kit

MODELS	MAXIMUM GRAPPLE OPENING	WEIGHT
SK-950	44"	330
SK-1400	57"	462
BOLT-ON MOUNTING KITS		
1116	Bobcat Mounting	48
1110	Euro Mounting	70

### SK Grapple



### HZ-1500 Tong



MODELS	OPENING WIDTH	HYDRAULIC CONNECTIONS	HITCH CATEGORY	HP MIN-MAX	WEIGHT
HZ-1500	60"	1 Set	I & II	20-50	295
HZ-2300	90"	2 Sets	I & II	50-100	716





## FAST TRAC FARM TRACTOR CHAINS

### FEATURES:

- High-strength steel, deep case hardened
- Continuous traction and grip, twisted links keep studs up on top of the lugs
- Ground penetration, grip and service life equal to 3/8" chains that are 30% extra weight and cost
- Low profile needs 2" side wall clearance and 3" fender clearance
- Perfect for mud, ice, snow, log skidding, and snow clearing
- Safe & efficient
- Fast on/fast off
- Fast tracking



## ALL TERRAIN COMPACT TRACTOR & ATV

### FEATURES:

- 6 mm - 1/4"
- Aggressive grip
- Lightweight
- Two studs on every second link increases ground penetration
- Diamond pattern stays on top of the lugs for continuous grip
- Low profile needs 1.5" side wall clearance and 2" fender clearance
- Flexible diamond pattern ensures tight fit to new & worn down tires
- High strength steel, deep case hardened



## SUNDOWN FORESTRY GRAPPLE



### FORESTRY GRAPPLE

#### FEATURES:

- Moves logs
- Removes small stumps and hauls brush
- Loads sawmills and firewood processors
- Culvert loading and placement



MODELS

MOUNTING

MAXIMUM OPENING

WEIGHT

GR40

Bobcat-Euro-JD-Alo

42"

354





**FIREWOOD PROCESSORS**

MODELS	DESCRIPTION	MAX. LOG DIAMETER	MAX. WOOD LENGTH	MAX. SPLITTING FORCE	BLADE LENGTH	HEIGHT	WIDTH	DEPTH	WEIGHT
Falcon 35	PTO, turnable outfeed conveyor, fully hydraulic, joystick control	14"	19.6"	8 t	16"	8'3"	8'3"	4'1"	1962
38 Pro	PTO, turnable conveyor, feed conveyor, fully hydraulic, joystick control	15"	23.6"	10 t	16"	8'3"	8'1"	4'3"	2182
43 Pro	PTO, turnable and cleaning conveyor, joystick control	16.9"	23.6"	15 t	18"	8'5"	8'4"	4'11"	3086
50 Pro	PTO, turnable outfeed conveyor with debris separator, joystick control	18.5"	23.6"	30 t	20"	9'6"	10'2"	5'	4740

**FIREWOOD PROCESSORS**

Each Hakki Pilke firewood processor is a compact powerhouse, combining Finnish engineering with industrial design. The industry's most advanced hydraulic design ensure low fuel and energy consumption and long life of components. User needs, product quality, high productivity and low operating costs are at the heart of the design process.

All Pro firewood processors have standard features such as patented AC 10 automatic chain tensioner, HakkiCut™ cutting control, cleaning and pivoting outfeed conveyor, as well as advanced hydraulic design without v-belts.



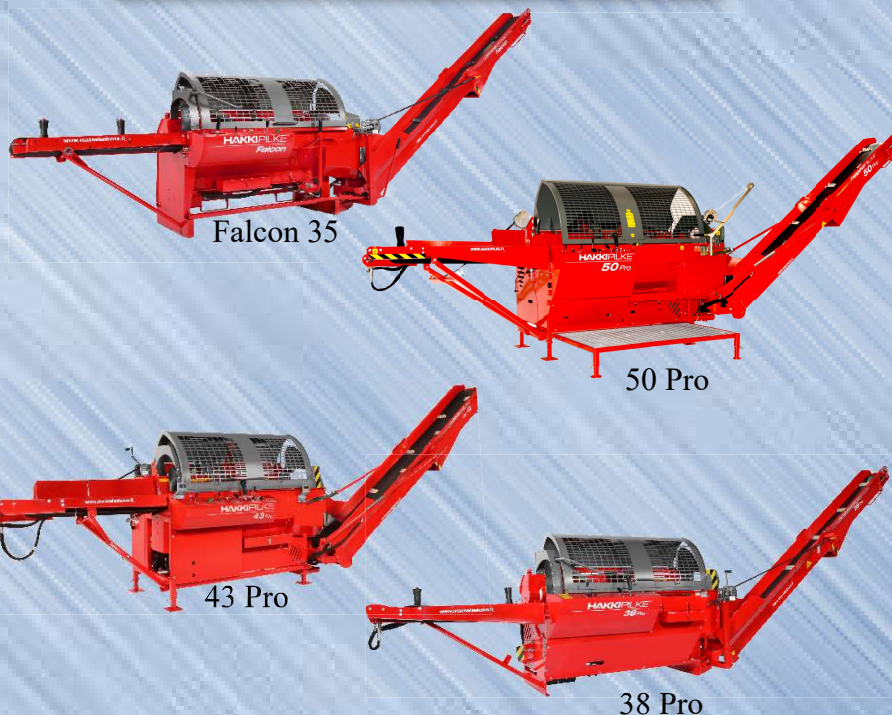
422 Hakki Feed Table

472 Hakki Feed Table

**HAKKIFEEED 422/472**

The HakkiFeed 422 is perfect for smaller operations with varying log lengths and quality. It makes feeding logs to the infeed rollers an effortless process. The infeed rollers spin simultaneously with the firewood processor's infeed conveyor belt ensuring that the logs keep moving. The HakkiFeed 422 log rack can be connected to models 38, 43, and 50. Falcon model requires an accessory valve and connector kit.

HakkiFeed 470-series are designed for full control of awkward knotty and crooked logs. Fast chain movements and log separating features allow improved productivity of infeed operations.



Falcon 35

50 Pro

43 Pro

38 Pro





## LOG LOADERS (Note: "T" in Model Name Denotes Telescopic Boom)

MODELS	ASSEMBLY	HORSEPOWER	TRAILER FIT	REACH	MID-RANGE REACH CAPACITY	FULL REACH CAPACITY	WEIGHT
90HD	60-024	ATV 400CC+	7-52	9'	1200 lbs.	600 lbs.	600
115HD	60-021	25-40	10-66	11'6"	2000 lbs.	1000 lbs.	1250
130HD	60-018	40-60	11-74	13'	2800 lbs.	1400 lbs.	1800
130HD-T	60-030	40-60	11-74	16'	2700 lbs.	1300 lbs.	1900
150 HD	60-019	50+	13-78	15'	3000 lbs.	1500 lbs.	2000
150 HD-T	50-031	50+	13-78	18'	2900 lbs.	1400 lbs.	2100
170HD	60-020	90+	14-80	17'	2800 lbs.	1400 lbs.	2200
170HD-T	60-032	90+	14-80	20'	2800 lbs.	1300 lbs.	2350

**Add Trailer or 3-Point Hitch...Optional Power Packs Available**



90HD Loader with Trailer



130HD Loader with Trailer

## TRAILERS

MODELS	ASSEMBLY	TIRE (OTHER TIRE OPTIONS AVAILABLE)	#STAKES	ARTICULATION CYLINDER *OPTIONAL	FITS LOADER MODEL	WEIGHT
7-52	59-019	25-10-12 6 ply	8	No	90HD	635
10-66	59-011	11L15 8 ply	10	1 cyl.	115HD	1640
10-66	59-012	11L15 8 ply	10	1 cyl.	130HD	1740
11-74	59-013	12.5L15 10 ply	10	2 cyl.	130HD/HDT	1720
13-78	59-014	12.5L15 10 ply	12	2 cyl.	150HD/HDT	2130
14-80	59-015	12.5L16.1 -12 ply	12	2 cyl.	170HD/HDT	2750

## WOOD SPLITTERS

SERIES	3-POINT HITCH		SELF-CONTAINED 4 MC X		SELF-CONTAINED		SELF-CONTAINED 4 MCX	
	MODEL	MODEL	MODEL	MODEL	MODEL	MODEL	MODEL	MODEL
MODEL	40-24	40-30	40-24	40-24-LB	40-24	40-30	40-30	40-36
SPLITTING FORCE	16-ton	20-ton	20-ton	20-ton	16-ton	20-ton	20-ton	20-ton
POSITION	Horizontal/ Vertical	Horizontal/ Vertical	Horizontal	Horizontal	Horizontal/ Vertical	Horizontal/ Vertical	Horizontal	Horizontal
4" CYLINDER WITH STROKE LENGTH OF	24"	30"	24"	24"	24"	30"	30"	36"
ADJUSTMENT OF STROKE LENGTH RETURN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
COMPLETE CYCLE TIME (BACK & FORTH)	Varies	Varies	N/A	N/A	11 or 13 seconds	13 seconds	13 seconds	15 seconds
AUTOMATIC RETURN VALVE	Included	Included	Included	Included	Included	Included	Included	Included
HONDA ENGINE (STAN- DARD) (OPTIONAL)	N/A	N/A	N/A	N/A	GX 270 (9 hp)	GX 270 (9 hp)	GX 270 (9 hp)	GX 270 (9 hp)
HYDRAULIC TANK	N/A	N/A	N/A	N/A	8-gallon	15-gallon	15-gallon	15-gallon
2-STAGE HYDRAULIC PUMP	N/A	N/A	N/A	N/A	8.8/3.0	13.0/4.2	13.0/4.2	13.0/4.2
ADJUSTABLE WEDGE 2 OR 4 PIECES	N/A	N/A	Yes	N/A	N/A	N/A	Yes	Yes
HYDRAULIC LOG LIFTER	N/A	N/A	N/A	Included	Optional	Optional	Included	Included
FENDERS, LIGHTS AND ON-ROAD SUSPENSION	N/A	N/A	N/A	N/A	Optional	Optional	N/A	N/A
TIRES	N/A	N/A	N/A	N/A	25.5 x 8-10	25.5 x 8-10	25.5 x 8-10	25.5 x 8-10



### 3-POINT HITCH LOG SPLITTERS

Woody log splitters are reliable, heavy-duty, and durable. Install a Woody 3-Point Hitch Log Splitter to the back of any tractor using the hitch rods and you can take the log splitter there where you need it.



### SELF-CONTAINED LOG SPLITTERS

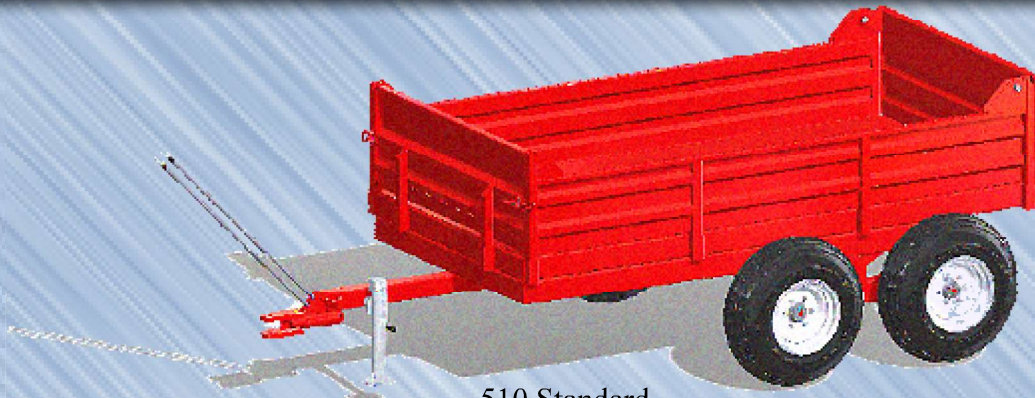
Powerful and versatile Woody Self-Contained Log Splitters offer strength and reliable splitting speed with an efficient cycle time for logs ranging from 24" to 36" long. Powered by a Honda GX 160 (5 hp) or GX 270 (9 hp) engine, these wood splitters are built to handle jobs of all sizes.





## TILTING TRAILERS Std (Std = Removable Side) REAR DUMP

MODELS	ASSEMBLY	CAPACITY	BED SIZE	TIRE	WEIGHT
408	59-022	4-Ton	4' x 8'	11L15 8 ply	1400
410	59-017	6-Ton	4' x 10'	11L15 8 ply	1750
510	59-003	8-Ton	5' x 10'	11L15 8 ply	1900
612	59-066	9-Ton	6' x 12'	12.5L15 12 ply	2900
612	59-090	9-Ton	6' x 12'	12.5L15 12 ply	2900
712	59-082	12-Ton	7' x 10'	12.5L15 12 ply	4000
712	59-152	12-Ton	7' x 10'	400-60-15.5 18 ply	4000



510 Standard



612 V Series

## TILTING TRAILERS SERIES V (V Models = Welded Sides) REAR DUMP

MODELS	ASSEMBLY	CAPACITY	BED SIZE	TIRE	WEIGHT
V407	59-035(Optional Power Unit 12Volt Elec. Hydr.)	2-Ton	3' x 7'	23 10.5-12 6 ply	850
V408	59-501	4-Ton	4' x 8'	11L15 8 ply	1200
V510	59-500	8-Ton	5' x 10'	11L15 8 ply	1800
V610	59-121	9-Ton	6' x 10'	12.5L15 12 ply	2900
V612	59-122	9-Ton	6' x 12'	12.5L16 12 ply	3300
V612	59-153	9-Ton	6' x 12'	400-60-15.5 18 ply	3300
V712HD	59-114	12-Ton	7' x 10'	16.5L16.1 10 ply	4500

# BONDIOLI & PAVESI



**Standard & Constant Velocity PTOs  
Standard & Metric Gearboxes  
Standard & Metric Clutches  
Parts & Components**



## *Drivelines and Driveline Components*



**DRIVELINE COMPONENTS**

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- North American and Metric Cross and Bearing Kits
- Constant Velocity Drivelines and Components
- Yokes, Tubes, Shafts and Guards
- Sprockets, Hubs and Pulleys
- Clutches



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