



**State of West Virginia  
Department of Administration  
Purchasing Division**

**NOTICE**

Due to the size of this bid, it was impractical to scan every page for online viewing. We have made an attempt to scan and publish all pertinent bid information. However, it is important to note that some pages were necessarily omitted.

If you would like to review the bid in its entirety, please contact the buyer. Thank you.

\*\*\*



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

**Solicitation**

NUMBER
DNR213099

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
GUY NISBET 304-558-8802

VENDOR

\*709043435      304-372-9875  
 FAIRPLAIN TRACTOR SALES INC  
 1169 RIPLEY RD  
 RIPLEY WV 25271-8710

SHIP TO

DIVISION OF NATURAL RESOURCES  
 VARIOUS LOCALES AS INDICATED  
 BY ORDER

DATE PRINTED
04/10/2013

BID OPENING DATE: 05/07/2013      BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
REQUEST FOR QUOTATION (RFQ)						
THE WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES (WVDNR), IS SOLICITING BIDS TO PROVIDE THE AGENCY WITH MISCELLANEOUS FARM IMPLEMENT EQUIPMENT, PER THE TERMS AND CONDITIONS AND THE SPECIFICATIONS AS ATTACHED.						
0001	1	LS		020-41		
				EIGHT FOOT, REAR MOUNTED CUTTER BLADE	\$2,714.80	\$2,714.80
WV. DIVISION OF NATURAL RESOURCES SHORT MOUNTAIN WMA DISTRICT 2 DNR OFFICE ROMNEY (HAMPSHIRE COUNTY), WV.						
0002	1	LS		020-41		
				EIGHT FOOT, REAR MOUNTED CUTTER, BLADE	\$2,714.80	\$2,714.80
WV. DIVISION OF NATURAL RESOURCES NATHANIEL MOUNTAIN WMA DISTRICT 2 OFFICE ROMNEY (HAMPSHIRE COUNTY), WV.						

05/06/13 02:52:05 PM  
 West Virginia Purchasing Division

SIGNATURE <i>Carroll M Fisher</i>	TELEPHONE 304-372-9875	DATE 05/01/2013
TITLE PRESIDENT	FEIN 55-0540441	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

SOLICITATION

NUMBER  
 DNR213099

PAGE  
 2

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
 GUY NISBET  
 304-558-8802

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\*709043435 304-372-9875  
 FAIRPLAIN TRACTOR SALES INC  
 1169 RIPLEY RD  
 RIPLEY WV 25271-8710

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DIVISION OF NATURAL RESOURCES  
 VARIOUS LOCALES AS INDICATED  
 BY ORDER

DATE PRINTED  
 04/10/2013

BID OPENING DATE: 05/07/2013

BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0003	1	LS		020-41 SIX FOOT, ROTARY CUTTER	4,250.00	4,250.00
WV. DIVISION OF NATURAL RESOURCES ELK RIVER WMA SUTTON (BRAXTON COUNTY), WV.						
0004	1	LS		020-41 SIX FOOT, ROTARY CUTTER	4,250.00	4,250.00
WV. DIVISION OF NATURAL RESOURCES POTOMAC WMA JUDY GAP (PENDLETON COUNTY), WV.						
0005	1	LS		020-41 TEN AND ONE-HALF FOOT, FOLDING, HALF-WING, ROTARY	12,866.00	12,866.00
WV. DIVISION OF NATURAL RESOURCES HILLCREST WMA NEW MANCHESTER (HANCOCK COUNTY), WV.						

SIGNATURE *Canell M Fisher* TELEPHONE 304-372-9875 DATE 5/1/13  
 TITLE PRESIDENT FEIN 55-0540441  
 ADDRESS CHANGES TO BE NOTED ABOVE

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SOLICITATION

DNR213099

3

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
 GUY NISBET  
 304-558-8802

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\*709043435 304-372-9875  
 FAIRPLAIN TRACTOR SALES INC  
 1169 RIPLEY RD  
 RIPLEY WV 25271-8710

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DIVISION OF NATURAL RESOURCES  
 VARIOUS LOCALES AS INDICATED  
 BY ORDER

DATE PRINTED  
 04/10/2013

BID OPENING DATE: 05/07/2013 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0006	1	LS		020-41	3,895.00	3,895.00
	SICKLE BAR MOWER					
	WV. DIVISION OF NATURAL RESOURCES LEWIS WETZEL WMA JACKSONBURG (WETZEL COUNTY), WV.					
0007	1	LS		020-41	3,300.00	3,300.00
	110 GALLON, 3 POINT SPRAYER					
	WV. DIVISION OF NATURAL RESOURCES GREEN BOTTOM WMA HEADQUARTERS GREEN BOTTOM (CABELL COUNTY), WV.					
***** THIS IS THE END OF RFQ DNR213099 *****						TOTAL: \$33,990.60

SIGNATURE *Conall J Zaskw* TELEPHONE 304-372-9875 DATE 5/1/13  
 TITLE PRESIDENT FEIN 55-0540441 ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

WV DIVISION OF NATURAL RESOURCES  
PRICING PAGE  
EXHIBIT A

ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	1	ALLIED FARM KING C9082 8-foot, rear-mounted, heavy-duty blade	2714.80	2714.80
2	1	ALLIED FARM KING C9082 8-foot, rear-mounted, heavy-duty blade	2714.80	2714.80
3	1	RCF 3672 LANDPRIDE 6-foot, heavy-duty, rotary cutter	4250.00	4250.00
4	1	RCF 3672 LANDPRIDE 6-foot, heavy-duty, rotary cutter	4250.00	4250.00
5	1	RC65-10 LANDPRIDE 10 ½ foot, folding-deck, half-wing rotary cutter	\$12,866.00	\$12,866.00
6	1	FARM KING 7H Sickle bar mower	\$3895.00	\$3895.00
7	1	DEMCO SPRAYER 150 GAL 110-gallon, 3-point sprayer	\$3300.00	\$3300.00
<b>TOTAL</b>				<b>\$33,990.60</b>

Note: Delivery must be made within thirty (30) days of purchase order award.

Each line item must include delivery charges to the designated areas listed below.

Items are to be delivered to the following locations:

**Item #1**

WV Division of Natural Resources  
Short Mountain WMA Headquarters  
District 2 DNR Office, Romney WV (Hampshire County)  
Contact Rich Rogers (304-822-3551) for delivery information

**Item #2**

WV Division of Natural Resources  
Nathaniel Mountain WMA Headquarters  
District 2 DNR Office, Romney WV (Hampshire County)  
Contact Rich Rogers (304-822-3551) for delivery information

**Item #3**

WV Division of Natural Resources  
Elk River WMA Headquarters  
Sutton, WV (Braxton County)  
Contact Rob Silvester (304-924-6211) for delivery information

CERTIFICATION AND SIGNATURE PAGE

By signing below, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid or proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

FAIRPLAIN TRACTOR SALES, INC

(Company)

Carroll G Fisher

(Authorized Signature)

CARROLL G. FISHER, PRESIDENT

(Representative Name, Title)

304-372-9875

(Phone Number)

304-372-2713

(Fax Number)

5/1/13

(Date)

Rev. 07/12

## State of West Virginia

**VENDOR PREFERENCE CERTIFICATE**

Certification and application\* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. Application is made for 2.5% resident vendor preference for the reason checked:  
 Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,  
 Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,  
 Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. Application is made for 2.5% resident vendor preference for the reason checked:  
 Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. Application is made for 2.5% resident vendor preference for the reason checked:  
 Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. Application is made for 5% resident vendor preference for the reason checked:  
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:  
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:  
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7. Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with *West Virginia Code* §5A-3-59 and *West Virginia Code of State Rules*.  
 Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: FATRPLAIN TRACTOR SALES, INCSigned: Carroll Y FushkoDate: 5/1/13Title: PRESIDENT

RFQ No. DNR213099

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: FAIRPLAIN TRACTOR SALES, INC

Authorized Signature: Carroll M Fisher Date: 5/1/13

State of West Virginia

County of Jackson, to-wit:

Taken, subscribed, and sworn to before me this 1<sup>st</sup> day of May, 2013

My Commission expires Sept 20, 2021.

AFFIX SEAL HERE



NOTARY PUBLIC

Terri L Hackney



ADDENDUM ACKNOWLEDGEMENT FORM  
SOLICITATION NO.: DNR213099

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- |   |  |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

NO KNOWN ADDENDA AS OF 05/01/2013

FAIRPLAIN TRACTOR SALES, INC  
Company

Carol M Fisher

Authorized Signature

5/1/13

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

# SCRAPE UP YOUR TRACTOR'S FULL POTENTIAL



SERIES	30		45			60		80			100		150		
MODEL	C8315	C8317	C80SS	C72SS	C84SS	C8801	C8800	C7080	C8080	C9080	C8100	C9100	C8150	C9150	C10150
Maximum horsepower	30	30	45	45	45	60	60	80	80	80	100	100	150	150	150
Hitch type	Category I					Category I & II		Category II			Category II & III				
Moldboard - thickness						1/4"							5/16"		
	Boxed reinforcement														
- width	60	72	60	72	84	84	96	84	96	108	96	108	96	108	120
- height	12 1/2"		13"			16"		18"							
Adjustment - angle	Manual 5-position 30° left or right		Manual 5-position 40° left or right			Manual 5-position 40° left or right hydraulic cyl.adj. optional		Manual or hydraulic 30° left or right							
- tilt	3 pt. hitch linkage adj.		Manual 15° blade adjustment			3 pt. hitch linkage adj.		Manual or hydraulic 13° blade adjustment							
- offset	No										Manual or hydraulic 20° left or right				
- sideshift	No		Up to 12" off center			No									
King pin						3"					3 1/2"		4"		
Cutting edge	1/4" x 3" reversible		High carbon 1/2" x 6" reversible												
Weight (lbs)	155	180	263	283	289	405	450	939	969	989	1287	1352	1645	1668	1703
Dual gauge wheel kit	N/A		N/A			N/A		Optional			Optional		Optional		
Skid shoes	N/A		N/A			N/A		Optional			Optional		Optional		
Racket jack	N/A		N/A			N/A		Optional			Optional		Optional		



RCF 3672

pg 12

RC6510

pg. 32

# ROTARY CUTTERS

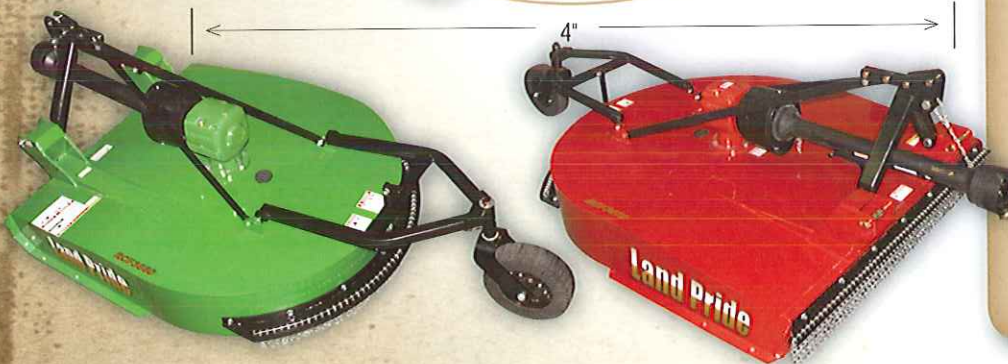


# 36 SERIES ROTARY CUTTERS

60" 72" 84"



4"  
CUTTING  
CAPACITY



## RCF36 Series

50-190 HP  
60", 72" Cat. 1 or 2  
84": Cat. 2 or 3 - Pull-Type  
RCF3660, RCF3672, RCF3684

Working Width (cm)	60' (152), 72' (183), 84' (213)
Overall Width	66-1/2', 78-1/2', 90-1/2'
Overall Length	112-1/2', 124-3/4', 130', 179-1/2' Pull
Weight - lb (kg)	1233 (559), 1337 (606), 2000 (907), Pull-type 2104 (954)
Cutting Height	2" - 12"
Cutting Capacity	4"
Deck	All Welded, Smooth Top
Deck Thickness	3/16"
Deck Height	13-3/8"
Side Thickness	1/4"
Safety Guards (Choose)	Front: Rubber, Sgl or Dbl Chains Rear: Sgl or Dbl Chains
Skids	Replaceable
Blades	Free Swinging High Lift 1/2" x 4", Heat Treated Steel
Blade Bolt	Keyed with Hardened Flat Washer & Lock Nut
Blade Tip Speed	13,572 fpm, 14,861 fpm, 14,369 fpm
Dishpan	3/16" x 30-7/16", Round, Dish Shaped
Gearbox	540 RPM, 190 HP 1-3/4" - 20 Spline
Gearbox Output Shaft	2-3/8"
Driveline	Cat. 5 with 4 Plate Slip-Clutch
Tailwheel(s)	15" Laminated, w/Cast Iron Hub, Tapered Roller Bearings 21" on Pull-type

Color Options: 

**5 YEAR**  
Limited Gearbox  
Warranty

**Quick Hitch**  
SYSTEM

- Smooth top design
- All welded deck
- Reinforced rear chain guard
- Heavy-duty tailwheel mount
- Floating top hitch
- Pull-type available in 84" model

## RC55, RC56, RC65, RC66 Series

# ROTARY CUTTER

## OFFSET



RC5610

- Left hand weight box
- 5 or 6 Wheel option
- Optional hitch configurations
- Optional walking tandem axle on center
- Optional deck rings

**Making roadside cutting safe and efficient.**



RC 6510

Land Pride's wheel base offers a smoother pull of the cutter, which holds slopes better and reduces overall operator fatigue.

- Replaceable 1/4" sideskirt with replaceable skid shoe
- Smooth top design
- Heavy-duty dishpans
- 4" Cutting capacity on RC55, RC56
- 4 1/2" Cutting capacity on RC65, RC66

50-250 HP

RC5510, RC5610, RC6510, RC6610

Working Width (cm)	10' 6" (320)
Overall Width	11'
Min. Transport Width	8'
Overall Length	15' 1"
Machine Weight - lb (kg)	RC55 & 65: 4,977 (2258) RC56 & 66: 5,292 (2400)
Cutting Height	2" - 14"
Cutting Capacity	RC55 & 56: 4" RC65 & 66: 4-1/2"
Tongue Weight - lb	1,860
Hitch	Standard Clevis, Swivel, Pintle or Bar-Tite Hitch
Deck Thickness	7 Gauge bottom, 10 Gauge top
Deck Height	12"
Deck Shock Protection	RC55 & 65: Spring Cushioned Axle RC56 & 66: Independent Wheel Arm Springs
Deck Rings	Optional
Side Thickness	1/4" Replaceable
Skid Shoes	1 each wing, 2 on center section, replaceable
Safety Guards (must choose)	Front: Single or Double Chain or Rubber Guard Rear: Single or Double Chain or Rubber Guard
Blades	1/2" x 4" Heat Treated Free Swinging Alloy Steel w/Uplift
RC55/65 Blade Tip Speed (Feet per minute)	540 RPM: 14,886 fpm on center, 14,769 fpm on wings 1000 RPM: 15,604 fpm on center, 15,741 fpm on wings
RC56/66 Blade Tip Speed (Feet per minute)	540 RPM: 16,300 fpm on center, 16,300 fpm on wings 1000 RPM: 16,300 fpm on center, 16,000 fpm on wings
Blade Overlap	6"
Dishpan	3/16" Round, Dish shaped with 1" x 5" Blade bar
Hydraulics	RC55 & 65: Wings: 3" x 12" Cylinder, Hoses and Fittings RC56 & 66: Wings: 3" x 8" Axle: 3.5" x 8" Cylinder, Hoses, Fittings, & Stroke Control Spacers
Gearbox	540 RPM or 1000 RPM: 250 HP Divider, 210 HP Center & Wings
Gearbox Output Shaft	2-3/8"
Gearbox Input Shaft	1-3/4" 20 Spline
Input Driveline	Cat. 5
Connecting Drivelines	Star Shaped Cat. 5 Slip-Clutch
Maximum Turning Angle	80° with Constant Velocity U-Joint
Tires - 5 or 6	Laminated, Aircraft w/wo Foam**

\* See dealer for complete warranty information.

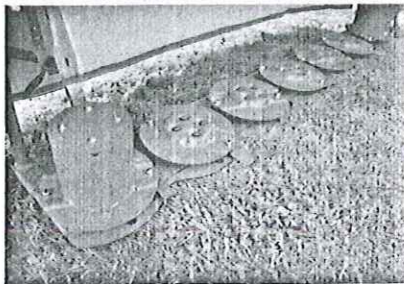
\*\* See dealer for sizes.

Color Options:



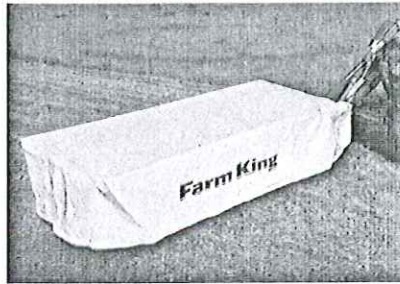
**7 YEAR**  
Limited Gearbox  
Warranty

## Features



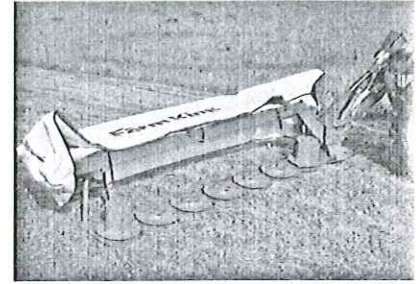
### Free-swinging blade

The MDN 5, 6 and 7 come standard with 15-inch discs and 4-inch long blades. The free-swinging blades create a precise cut when reaching rotation speeds of 3000 rpm. The centrifugal force creates a vacuuming effect on the blades of grass and allow for a nicely manicured look. A 3-inch blade overlap ensures a clean cut every time.



### Suspension Springs

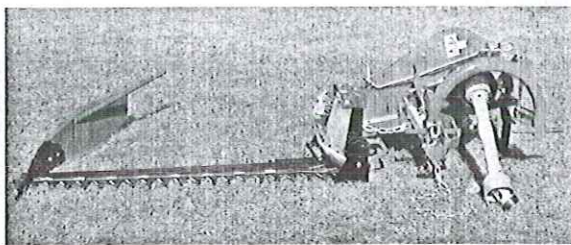
Dual suspension springs on either side of the cutter bar create a smooth motion as the mower glides over the terrain.



### Hydraulics

All three models of easy rake can be conveniently opened and closed using hydraulics.

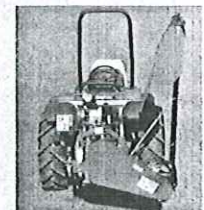
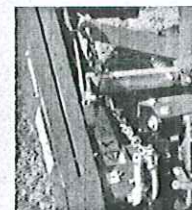
MODEL	MDN5	MDN6	MDN7
Working width	7' (2.10 m)	8' 1" (2.45 m)	9' 4" (2.85 m)
Number of discs	5	6	7
Number of blades	10	12	14
Blade rotation speed	3000 RPM at 540 G'	3000 RPM at 540 G'	3000 RPM at 540 G'
Vertical lift	Hydraulic	Hydraulic	Hydraulic
Horizontal lift	1 single acting cylinder	1 single acting cylinder	1 single acting cylinder
3-point hitch	Cat. I / II	Cat. I / II	Cat. I / II
Tractor requirements	40 hp	45 hp	50 hp
Weight	992 lb (450 kg)	1,058 lb (480 kg)	1,124 lb (510 kg)



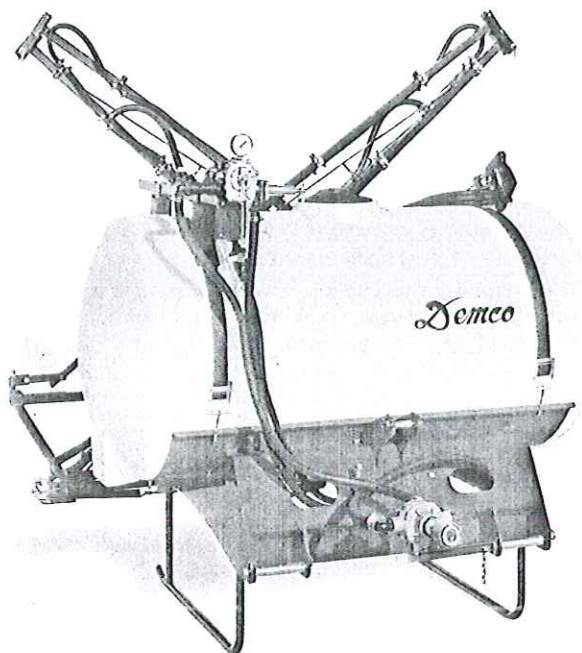
### Sickle Bar Mower

Available in three sizes the Farm King sickle bar mower was designed for simple operation and effective cutting. A dual-action cutter bar ensures a fast, clean and even cut every time. The tilting mower bar allows you to cut on ditches, embankments, and hills.

MODEL	7M	7H	9H
Working width	7' (213 cm)	7' (213 cm)	9' (274 cm)
3-point hitch	Cat. I / II	Cat. I / II	Cat. I / II
Tractor requirements	40 hp	45 hp	50 hp
Weight	441 lb (200 kg)	439 lb (199 kg)	450 lb (204 kg)



# RM Series 150 & 200 Gallon rear mount units



**BoomJet® nozzle**  
See Components section









Three section electric solenoid valve and control

## Features

- 150 or 200 gallon tank with jet agitation, molded sight gauge, sump, fillwell with no-splash cover.
- Rear mount brackets are complete with saddles, tank bands and all necessary bolts.
- Rear mount brackets will fit categories "1" and "2".
- Unit may be used with a "Quick Attach" three point hookup.
- Non-retractable built-in ground stand for storage when empty.
- Hypro® 8 roller PTO pump (C7560D) will deliver 22 GPM at 1000 RPM, 12 GPM at 540 RPM and 300 PSI max.
- 21', 28', 30' and 40' Truss-T booms feature vertical and horizontal boom breakaway, no drip diaphragm check nozzles spaced at 20".
- Handgun with 25' of hose (optional)

NOTE: LTL freight shipments require \$60.00 crating charge.

### HOW TO ORDER Choose in this order: 1. Frame 2. Tank 3. Boom 4. Pump and Plumbing 5. Controls 6. Accessories

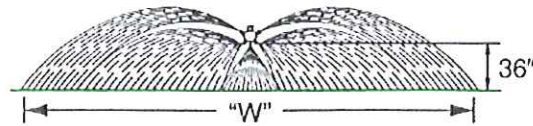
	<b>Frame</b>			
	Rear Mount Frame for 150 gallon tank .....	<b>9416006</b>	190 lbs.	\$1,177.00
	Rear Mount Frame for 200 gallon tank .....	<b>9416007</b>	200 lbs.	\$1,282.00
	<b>Tank</b>			
	150 Gallon Tank with agitation .....	<b>P150 32A</b>	50 lbs.	\$580.00
	200 Gallon Tank with agitation .....	<b>P200 32A</b>	64 lbs.	\$680.00
	<b>Boom with Plumbing</b> Note: Order Spray Tips separately (see Components Section)			
	21' Boom (3 section, 13 nozzles) .....	<b>DB21TDF</b>	85 lbs.	\$998.00
	28' Boom (3 section, 17 nozzles) .....	<b>DB28TDF</b>	110 lbs.	\$1,172.00
	30' Boom (3 section, 19 nozzles) .....	<b>DB30TDF</b>	115 lbs.	\$1,249.00
	40' Boom (3 section, 25 nozzles) .....	<b>DB40TDF</b>	170 lbs.	\$1,671.00
	BoomJet® Nozzle Bracket Kit (1 section, nozzle not included) .....	<b>9464050</b>	5 lbs.	\$90.00
	<b>Pumps and Plumbing Kit</b> (less controls)			
	NOTE: For Pump Specifications (see Components Section)			
	PTO Mounted 8 Roller Pump and Plumbing Kit (1 section) .....	<b>9465064</b>	28 lbs.	\$530.00
	PTO Mounted 8 Roller Pump and Plumbing Kit (3 section) .....	<b>9465066</b>	31 lbs.	\$589.00
	Centrifugal Pump Plumbing Kit (3 section) (Pump not included) .....	<b>9465068</b>	65 lbs.	\$404.00
	<b>Controls</b>			
	Manual (1 section) .....	<b>9465054</b>	2 lbs.	\$71.00
	Electric (1 section) .....	<b>9465055</b>	5 lbs.	\$227.00
	Manual (3 section) .....	<b>9465056</b>	5 lbs.	\$184.00
	Electric (3 section) .....	<b>9465057</b>	15 lbs.	\$859.00
	<b>Accessories</b>			
	Handgun (includes 25' of 1/2" hose) .....	<b>DBHGR</b>	13 lbs.	\$233.00
	Factory setup (Booms may be removed for shipping.) .....	<b>SURMU</b>		Net \$261.00

# Spray Tips

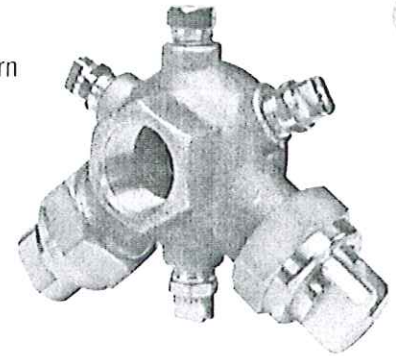
## BoomJet® Boomless Nozzles with Extra wide Flat Spray Projection

Components

The 5880 BoomJet® Nozzle combines two off-center tips and three VeeJet nozzles to produce an overall wide swath flat spray. Nozzle assembly provides a good distribution for the wide pattern coverage obtained. Supplied with one additional 1/4" NPT pipe plug and one blank tip for setting BoomJet® to spray to one side only. Type 5880 also has a 1/4" NPT pressure gauge port. 3/4" NPT inlet.



W = Maximum effective coverage with nozzle mounted at 36" height.



HAMILTON

BoomJet® Nozzle No.	OC Tips (Two)	VeeJet Top Nozzles (Two)	VeeJet Bottom Nozzle	Liquid Pressure psi	Total Capacity GPM	"W" in feet	Gallons Per Acre				
							4 mph	5 mph	7.5 mph	10 mph	15 mph
5880 3/4 2TOC06 \$296.84	#6733-OC06	H1/4VV-1506	H1/4VVL-9502 with 50 mesh strainer	20	1.84	33.5	6.8	5.4	3.6	2.7	1.8
				30	2.25	34.0	8.2	6.6	4.4	3.3	2.2
				40	2.60	34.5	9.3	7.5	5.0	3.7	2.5
5880 3/4 2TOC10 \$296.84	OC10	H1/4U-0508HE	H1/4VVL-11004 with 50 mesh strainer	20	2.83	39.5	8.9	7.1	4.7	3.5	2.4
				30	3.46	40.0	10.7	8.6	5.7	4.3	2.9
				40	4.00	40.5	12.2	9.8	6.5	4.9	3.3
5880 3/4 2TOC20 \$332.07	OC20	H1/4U-0520HE	H1/4VVL-9506 with 50 mesh strainer	20	6.08	47.0	16.0	12.8	8.5	6.4	4.3
				30	7.45	50.0	18.4	14.8	9.8	7.4	4.9
				40	8.60	52.0	20.0	16.4	10.9	8.2	5.5
5880 3/4 2TOC40 \$332.07	OC40	H1/4U-0540HE	H1/4U-9510	20	12.0	56.0	27.0	21.0	14.1	10.6	7.1
				30	14.7	60.0	30.0	24.0	16.2	12.1	8.1
				40	17.0	63.0	33.0	27.0	17.8	13.4	8.9

## TeeJet®

### METERING DRIFICES

Note: Always insert orifice plate with side marked with number facing the outlet.

MATERIAL: Stainless Steel

Chart is based on water with flow regulator on 30" row spacing.



Orifice No.	Pressure in PSI	Capacity In GPM	Gallons Per Acre				
			3 MPH	4 MPH	5 MPH	6 MPH	8 MPH
4916 29 \$3.77	10	.054	3.5	2.6	2.1	1.8	1.3
	20	.076	5.0	3.8	3.0	2.5	1.8
	30	.093	6.1	4.6	3.6	3.0	2.3
	40	.108	7.0	5.3	4.2	3.6	2.6
4916 35 \$3.77	10	.078	5.1	3.8	3.1	2.6	1.9
	20	.111	7.3	5.4	4.4	3.6	2.7
	30	.136	8.8	6.7	5.3	4.4	3.3
	40	.156	10.3	7.7	6.2	5.1	3.8
4916 40 \$3.77	10	.102	6.7	5.0	4.0	3.4	2.5
	20	.144	9.4	7.1	5.7	4.7	3.6
	30	.177	11.6	8.6	6.9	5.8	4.4
	40	.204	13.3	10.0	8.1	6.7	5.0
4916 46 \$3.77	10	.135	8.8	6.6	5.3	4.4	3.3
	20	.191	12.5	9.4	7.5	6.2	4.7
	30	.233	15.2	11.4	9.2	7.7	5.7
	40	.270	17.6	13.2	10.6	8.8	6.6
4916 52 \$3.77	10	.167	11.0	8.2	6.5	5.5	4.1
	20	.237	15.2	11.6	9.3	7.7	5.8
	30	.290	19.1	14.5	11.4	9.5	7.1
	40	.334	21.9	16.4	13.1	11.0	8.2
4916 59 \$3.77	10	.216	13.9	10.6	8.5	7.1	5.3
	20	.306	19.8	15.2	12.0	10.0	7.5
	30	.375	24.4	18.5	14.5	11.9	9.2
	40	.432	27.7	21.3	17.0	14.1	10.6

Orifice No.	Pressure in PSI	Capacity In GPM	Gallons Per Acre				
			3 MPH	4 MPH	5 MPH	6 MPH	8 MPH
4916 65 \$3.77	10	.261	17.2	12.8	10.2	8.5	6.4
	20	.369	24.4	17.8	14.5	12.1	9.0
	30	.452	29.7	22.4	17.8	14.5	11.1
	40	.522	34.3	25.6	20.5	17.0	12.8
4916 70 \$3.77	10	.306	19.8	15.2	12.0	10.0	7.5
	20	.432	28.4	21.1	17.2	13.9	10.6
	30	.530	34.3	25.7	20.5	17.2	13.0
	40	.612	39.6	30.4	24.0	19.9	15.0
4916 75 \$3.77	10	.347	22.4	17.2	13.9	11.4	8.5
	20	.491	32.3	23.8	19.1	15.8	12.0
	30	.601	39.6	29.7	23.8	19.8	14.5
	40	.694	44.9	34.3	27.7	22.7	17.0
4916 80 \$3.77	10	.396	25.7	19.1	15.8	12.9	9.7
	20	.561	37.0	27.7	21.8	18.5	13.9
	30	.687	44.9	33.7	27.1	22.4	16.5
	40	.792	51.5	38.3	31.7	25.9	19.4
4916 89 \$3.77	10	.490	26.4	23.8	19.1	15.8	12.0
	20	.693	45.5	33.7	27.1	22.4	17.2
	30	.849	55.4	41.6	33.0	27.7	21.1
	40	.980	64.7	47.5	38.3	31.7	24.0
4916 95 \$3.77	10	.572	37.6	27.7	22.4	18.5	13.9
	20	.808	52.8	39.6	31.7	26.4	19.8
	30	.990	64.7	48.8	38.9	32.3	24.4
	40	1.144	75.2	55.4	44.9	37.0	27.7
4916 107 \$3.77	10	.735	48.2	36.3	29.0	23.8	17.8
	20	1.04	68.0	50.8	40.9	33.7	25.7
	30	1.27	83.2	62.7	50.2	41.6	31.0
	40	1.47	96.4	72.6	58.1	47.5	35.6