

17083

Heartland

1 of 2

**SERIAL NUMBER:** #17083      **AFE**      **2017**  
**CUSTOMER:** Heartland Farms      **4 ROW SELF PROPELLED**  
**DEALER:** Big Iron Equipment      **AIRHEAD HARVESTER**  
**SALESPERSON:**      **DATE:** 11/8/2016

**OPTION:**

<b>AIRHEAD SIZE:</b> 65"	<b>COMMENTS:</b> MODIFY GATES ADD 3" , 3" RAM (Cylinder L.M.) ON BELL AND BAND CLEANER , STANDARD BLADE6 Blade). 4-R4FBRS@ behind bell cleaner.
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<b>AIRHEAD OPTIONS:</b> ELECTRICAL LEVELING	<b>COMMENTS:</b> Better quality chain on gates (Stainless?) straps
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<b>ENGINE MAKE OPTION:</b> QSX-15 LITER 520 HP CUMMINS TIER 3	<b>COMMENTS:</b> 0
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<b>ENGINE ADD-ONS:</b> REVERSING FAN	<b>COMMENTS:</b> Block Heater
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<b>REAR TIRES:</b> 1000/50 R25 MICHELIN	<b>COMMENTS:</b> Double rim locks and straps.
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<b>FRONT TIRES:</b> 14.00 X 24 X 16	<b>COMMENTS:</b>
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<b>REAR WHEEL MOTORS:</b> OTHER	<b>COMMENTS:</b> SAI 260 REAR WHEEL DRIVES
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<b>FRONT WHEEL MOTORS:</b> OTHER	<b>COMMENTS:</b> SAI FRONT WHEEL DRIVES
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<b>ROW SPACING:</b> 36"	<b>COMMENTS:</b>
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**OPTION:**

**VINE COULTERS:**      **DOUBLE DISK COULTER**  
    24" DIA DISK

**COMMENTS:**      V-Coulter on right side. Single wavy on left. Left one should be on inside of digger bed and as close as possible. spudnik hub on left side

**DIGGER BLADE BRACKET:**      **ROCK GUARD**

**COMMENTS:**

**DIGGER BLADES:**      **REGULAR (STANDARD BLADE)**

**STRAIGHT POINT**      **PLASTIC UNDER BLADE**  
    12" LONG (STANDARD LENGTH)

**COMMENTS:**      **DIGGER NOSE CHAINS MOUNTED ON OUTSIDE. R4FBRSU2 NOSE ROLLERS**

**CENTER BLADES:**      **15" LONG**

**COMMENTS:**

**PRIMARY BED OPTIONS:**      **FULL WIDTH COMMON LIFT**

**PRIMARY PLATES - 4" EXTENSION ON OUTSIDE NOSE**  
    **STAINLESS STEEL ON PRIMARY, WELDED TO OUTSIDE**

**LIFT CYLINDER LENGTH: 10"**  
    **1" THICK OUTSIDE LOWER PRIMARY PLATES**

**COMMENTS:**      **PIVOT POINT ROLLERS R41NSDDBB2 , 3**  
    **1/4 " STAND-OFFS ON PRIMARY CARRY BACKS, 12 TOOTH SPROCKETS, ANTI-WRAP BARS ON PRIMARY SHAFT, LARGE REVERSING VALVE**

**PRIMARY DRIVE:**      **TOP DRIVE**

**COMMENTS:**

**PRIMARY GEARBOX OPTION:**      **VIS DIRECT DRIVE MOTOR**

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OPTION:

COMMENTS:

**VIBRATOR OPTIONS:**      4 ROW LIFT-IN SHAKER - PRIMARY  
NO LOWER PRIMARY VIBRATOR

NO SECONDARY VIBRATOR

COMMENTS:

TEETH OF SHAKER MUST BE WITHIN  
1/4" OF WEBBING, SHAKER SHOULD  
NOT TURN WHEN IN DOWN POSITION-  
MIGHT HAVE TO ADD A ROLLER,  
TRIANGLE BROEKEMA SHAKER

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**OPTION:**

**PRIMARY BED CHAINS:** SINGLE WIDTH BELTED  
**WIDTH:** 33" CHAIN (SINGLE WIDTH-USE W/ 34"OR 36"ROWS)  
**PATTERN:** 45MM 2 DOWN & 1 STRAIGHT  
**STANDARD CENTER TO CENTER DIGGERNOSE DISTANCE - FOR CHAIN SELECTED**      140-1/4  
**CHANGE DIGGERNOSE CENTER TO CENTER DISTANCE TO**

**COMMENTS:** 1/2X33X45MM NOFFSINGER 2DN 1 STRAIGHT  
 Spare primary chain holder on front axle.

**SECONDARY GEARBOX OPTION:** 6,000 HYDRAULIC MOTOR W/ GEAR BOX

**COMMENTS:**

**SECONDARY BED CHAINS:** FULL WIDTH BELTED SRT      68 INCH  
**PATTERN:** 45MM ALL STRAIGHT SRT

**COMMENTS:** RUBBER COATED CARRY BACK ROLLERS, 4 SPROCKETS ON DRIVE ,MIDDLE BRACE HAS MATCHING HOLES FOR BOTTOM ROLLERS. Broekema. Noffsinger clips.

**2ND SECONDARY - STAR TABLE OPTIONS:** AFE TABLE - 6 STARS W/:

**STAR/AFE TABLE DRIVE MOTOR OPTION:** "S" SERIES (STANDARD)  
**STAR SPECIFICATIONS:** BROEKEMA 75DURO 13PT

**COMMENTS:**

**2ND SECONDARY GEARBOX OPTION:** NO 2ND SECONDARY  
**PATTERN:**

**COMMENTS:**

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**OPTION:**

**DEVINER GEARBOX OPTION:**      6,000 HYDRAULIC MOTOR W/ GEAR BOX

**COMMENTS:**



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OPTION:

DEVINER/OVERRIDE CHAIN: 150MM

COMMENTS: Double rollers on front and back. Anti-wrap rollers by sprockets. Noffsinger clips

REAR CROSS: 48" WIDE CROSS      NO LEVELING SYSTEM  
 PATTERN: 45MM

COMMENTS: ADD 4" MORE TILT THAN STANDARD, SHORTEN REAR CROSS ADD 1 FULL LENGTH STAR ROLLER AT DISCHARGE  
 NO SIDE ON REAR CROSS WHERE ITS IS UNDER AFE TABLE ON RIGHT SIDE OF MACHINE, ADJUSTABLE FRONT AND BACK 4"  
 Broekema, Noffsinger clips

REAR CROSS TABLE OPTION: NO STAR TABLE - CHAIN ONLY

COMMENTS:

LOWER SIDE ELEVATOR AFE STAR TABLE OPTION: NO AFE STAR TABLE  
 OTHER STANDARD PATTERN = ALL STRAIGHT SRT

COMMENTS:

TOP SIDE ELEVATOR VINEBELT OR AIRKNIFE OPTION: ~~65" VINEBELT W/ FAN & DISTRIBUTING STARS~~  
 OTHER

STAR SPECIFICATIONS:  
 BROEKEMA 55DURO 13PT

COMMENTS:

OTHER STANDARD PATTERN = 10 DOWN 1 STRAIGHT SRT

ADD SMALL BELT CONV. ON BACK SIDE OF BIN H/ Hyd w/ Flow Control  
 More tilt adjustment on fan. Want to blow at bottom of vinebelt. No tube roller. Reduce drop  
 10" Cray Air Knife

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OPTION:

**MULTI-SEP / M-TABLE OPTION:**      **NO MULTI SEP TABLE**      **NO M-TABLE**

**COMMENTS:**



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**OPTION:**

**BIN OPTIONS:** LARGE 5 DEGREE BIN W/ FILL CONV SONIC CONTROL

BIN BELT: 40" WIDE FLAT PVC

# OF SONIC SENSORS: 1 SENSOR

**COMMENTS:** Adjustable bin discharge gate. Heavy hinges on boom flaps.

BIN FILL: 40" BIN FILL CONVEYOR

OTHER STANDARD PATTERN = 3 DOWN 1 STRAIGHT SRT

Better Valve or sensor to control lift. (Greentronics?) Current valve does not last and leaks. Sensor always searching. Modify for Greentronic's Load cells, BIN LOADER MUST BE 1" OFF BELT (Flashing L.M.) WHEN ALL THE WAY DOWN

**BULK LOADER:** 40" WIDE

PATTERN: 45MM ALL STRAIGHT SRT

**COMMENTS:** WIRING TO BE ON FRONT SIDE INSIDE HEAVY TUBE ON TOP OF CONVEYOR

TUBE: 14" sides. Adjustable rollers on rear to keep chain tight ( Spudnik Style). PWM Valve for lift.

36MM BROEKEMA ALL STRAIGHT CUSH, 14 TOOTH SPROCKET. Noffsinger clips

**STONE BOX OPTIONS:** STANDARD CLAM STYLE STONE BOX

**COMMENTS:** ROCK BOX COUNTER

**STONE CONVEYOR CHAIN:** HOOK CHAIN

OPTIONS: OPEN W/ PAN ON BOTTOM

**COMMENTS:**

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**OPTION:**

Rollers in front of plastic slides on rock chain.

**CHAIN ROLLER OPTIONS: (SPECIFY LOCATIONS)**      TEROG

**COMMENTS:**

**BOLT/NUT OPTIONS:**      USE SPIN LOCK NUTS

**COMMENTS:**

**WORK PLATFORMS:**

**COMMENTS:**

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OPTION:

FLOW CONTROLS:

PRIMARY - ELECTRONIC CONTROLS -	ADD REVERSING	COMMENTS:
SECONDARY/DEVINER - ELECTRONIC CONTROLS -	ADD REVERSING	COMMENTS:
AFE TABLE-FLOW CONTROL W/ACTUATOR	ADD LT/RT/DIST REVERSING	COMMENTS:
CROSS CONVEYOR	MANUAL FLOW CONTROL	COMMENTS:
CROSS STAR TABLE OPTION	NO STAR TABLE/FLOW CONTROL	COMMENTS:
CROSS DISTRIBUTOR STARS	MANUAL FLOW CONTROL	COMMENTS:
AIRHEAD FEED - FLOW CONTROL W/ ACTUATOR	FLOW CONTROL W/ ACTUATOR	COMMENTS:
STONE CONVEYOR	FLOW CONTROL W/ ACTUATOR	COMMENTS:
AIRHEAD DISCHARGE CONVEYOR	FLOW CONTROL W/ ACTUATOR	COMMENTS:
VINEBELT FEED STARS - MANUAL FLOW CONTROL		COMMENTS:
<del>VINEBELT FEED-STEEL ROLL</del> <del>MANUAL FLOW CONTROL</del>		COMMENTS:
<del>VINEBELT DRIVE - MANUAL FLOW CONTROL</del>		COMMENTS:
<del>VINEBELT/MULTI-STEP/TABLE DIST ROLLS - MANUAL FLOW CONTROL</del>	DISCHARGE Belt & REVERSING	COMMENTS: DOES NOT WANT THAT STEEL ROLLER -
BIN FILL/SORT TABLE	MANUAL FLOW CONTROL	COMMENTS: Located by cab
BIN UNLOAD - FLOW CONTROL W/ ACTUATOR		COMMENTS:
BOOM	FLOW CONTROL W/ ACTUATOR	COMMENTS:

CAB OPTIONS: MECHANICAL HYDRAULIC PRESSURE GAUGES 4 - COLOR CAMERAS. (SPECIFY LOCATION)  
 EXTRA FOOT CONTROL FOR TRUCK DIRECTIONS - LIGHT BAR N 12" CAB LIFT OTHER

COMMENTS: CLIMATE CONTROL, INSTALL GPS

STEERING SYSTEM COMPONENTS,  
 MONITOR MOUNT, TOP RIGHT  
 CORNER, FUSED POWER AND GROUND  
 STATION IN CAB FOR ACC., DIRECT  
 WIRE CAB, 200 AMP SOLENOID ON  
 LIGHT CIRCUIT, ALL LIGHTS TO MEET  
 GAP SPECS, LED LIGHTS, MASTER AND  
 BOOM SWITCH ATTACHED TO JOYSTICK,  
 BOOM AND BIN SWITCH NEED TO BE  
 INDEPENDANT OF MASTER, 3 sets of  
 lights for truck direction.

*CAMERAS!*  
 - Back up  
 - Air Head Front  
 - Air Knife Hood  
 - Rear Cross

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OPTION:

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OPTION:

Additional Comments: NEW CAB ADDITION \$10,000.  
Greentronics components in  
weatherproof box by controllers. Lower  
& Upper Side Conveyor to be rollers  
instead of slides except in Airhead.