

11049

Hearband

4RSPH w/65"AH

Manufacturing Use Only

AFE Manufacturing Form

4 Row Self Propelled Harvester w/ Airhead

Serial Number: _____

Customer: Hertland 405PAH

Dealer: _____

Received
~~11-11-10~~
11-11-10

| <i>Standard Equipment:</i> | | <i>Special Notes</i> |
|---------------------------------|----------------|----------------------|
| Full Width Digger Bed | | |
| QSM 360 HP Cummins Engine | | |
| 4 Wheel Drive | | |
| Rear Tires: 6600-43 x 25 Terra | | |
| Front Tires: 1400-24 x 12 Tires | | |
| 40" Cross | | |
| MS 50 Rear Motors | | |
| Front Steps | | |
| Strobe Light | | |
| Back-Up Beeper | | |
| | <i>Options</i> | |
| * 40" Air Head | | |
| * 50" Air Head | | |
| * 65" Air Head | XXXXXXXX | |
| | | |
| <i>Leveling: of AIRHEAD</i> | | |
| * Mechanical | XXXXXXXX | |
| * Electrical | | |
| | | |
| <i>Engine</i> | | |
| * QSM-360 HP Cummins | | |
| * QSM-400 HP Cummins | | |
| * 9 Liter- 350 HP John Deere | | |
| * 13.5 Liter 400 HP John Deere | | |
| * QSX-450 HP Cummins | | |
| * QSX -510HP Cummins | XXXXXXXX | |
| *13.5 Liter 500 John Deere | | |
| * 13.5 Liter 450 John Deere | | |
| <i>Rear Tires</i> | | |
| * 6600-43 x 25 Terra | XXXXXXXX | Micheline tires |
| * 73x5000 -32 | | |
| <i>Front Tires:</i> | | |
| *17.5 x 24 | | |
| *1400 x 24 x 12 | XXXXXXXX | |
| *4800 x 25 x 12 | | |
| <i>Steering:</i> | | |
| *No Rear Steering | | |
| *37 Degree Rear Steering | XXXXXXXX | |
| <i>Front Wheel Motors:</i> | | |
| *MS 18 | | |
| *MS 18 Plus 20% | XXXXXXXX | |
| <i>Rear Wheel Motors:</i> | | |
| *MS 50 | | |
| *MS 83 | XXXXXXXX | |
| <i>Row Spacing</i> | | |
| * 32" with 30" chain | | |

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| | | |
|---|----------|--|
| * 34" with 32" chain | | |
| * 36" with 33" chain | XXXXXXXX | |
| * 36" with 34" chain | | |
| * 38" with 36" chain | | |
| Digger Blade Bracket | | |
| * Standard | | |
| * Rock Guard | XXXXXXXX | |
| Digger Blades | | |
| * Regular Straight | | |
| * Extended Straight | | |
| * Clod Blades | | |
| * Sand Blades | XXXXXXXX | w/ plastic between point and nose roller |
| * Full Width Solid Blade 3/4" x 12" | | |
| * Regular Straight w/ Plastic Under | | |
| * Full Width Solid 3/4" X 12 w/ Bevel | | |
| * Full Width Solid 3/4" X 12 w/ Rod | | |
| Center Blades | | |
| * 12" | | |
| * 15" | XXXXXXXX | |
| Primary Bed | | |
| * Full Width Common Lift | XXXXXXXX | |
| * Full Width Side to Side Control | | |
| Primary Drive | | |
| * Top Drive | XXXXXXXX | |
| * Reverse Drive | | |
| Primary Bed Chains | | |
| * Single Width Belted | XXXXXXXX | |
| * Double Width Belted | | |
| Primary Belted Chains | | |
| * 45 mm All Straight Belted Chains | | |
| * 45 mm 2 Down & 1 Straight Belted Chains | XXXXXXXX | |
| * 50 mm All Straight Belted Chains | | |
| * 50 mm 2 Down & 1 Straight Belted Chains | | |
| * 50 mm 1 Up & 2 Down Belted Chains | | |
| * 56 mm All Straight Belted Chains | | |
| Lockwood Style Chain, Double Belt Middle | | |
| Double Width Single Belt Middle | | |
| Secondary Bed Chains | | |
| * Single Belted SRT | | |
| * Full Belted SRT | XXXXXXXX | |
| Secondary Belted Chains | | |
| * 45 mm All Straight SRT | XXXXXXXX | |
| * 45 mm 2 Down & 1 Straight SRT | | |
| * 50 mm All Straight SRT | | |
| * 50 mm 2 Down & 1 Straight SRT | | |
| 2nd Secondary | | |
| * No 2nd Secondary | XXXXXXXX | |

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4 Row Self Propelled Harvester w/ Airhead

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Dealer: _____

| | | |
|---|----------|------------------------|
| *2nd Secondary Belted Chain | | |
| 2nd Secondary Belted Chain Width | | |
| *No Second Secondary | XXXXXXXX | |
| *Single Belted Chains | | |
| *Full Belted SRT | | |
| 2nd Secondary Belted Chains | | |
| *No 2nd Secondary | XXXXXXXX | |
| *45mm All Straight SRT | | |
| *45mm 2 Down & 1 Straight SRT | | |
| *50mm All Straight SRT | | |
| *50mm 2 Down & 1 Straight SRT | | |
| 2nd Secondary Star Table Options | | |
| * No Star Table Option | | |
| * 5 Stars with Distributor Stars on Cross | | |
| * 6 Stars with 2 Adjustable Smooth Roll and Distributing stars on cross, extra star roll on left | XXXXXXXX | |
| Primary Drive Option | | |
| * 6,000 Hydraulic Motor w/Chain | | |
| * 6,000 Hydraulic Motor w/Gear Box | | |
| * VIS Direct Drive Motor | XXXXXXXX | |
| Secondary Drive Option | | |
| * 6,000 Hydraulic Motor w/Chain | | |
| * 6,000 Hydraulic Motor w/Gear Box | XXXXXXXX | |
| 2nd Secondary Drive Option | | |
| *No Secondary | XXXXXXXX | |
| *6,000 Hydraulic Motor w/Chain | | |
| *6,000 Hydraulic Motor w/Gear Box | | |
| Deviner Drive Option | | |
| * 6,000 Hydraulic Motor w/ Chain | | |
| * 6,000 Hydraulic Motor w/ Gear Box | XXXXXXXX | |
| Reversing Valve Option | | |
| *No Reversing Valves | | |
| *Primary | XXXXXXXX | |
| *Secondary-Deviner | XXXXXXXX | |
| *2nd Secondary | | |
| Vibrator | | |
| *No Vibrator | | |
| *Rotating Hydraulic Shaker Primary | | |
| *Rocking Hydraulic Shaker Primary | | |
| *Rotating Hydraulic Shaker Secondary | | |
| *Lift in Shaker | XXXXXXXX | left and right control |
| Override Chain | | |
| *150 mm | XXXXXXXX | |
| *180 mm | | |
| *200 mm | | |
| Vine Coulters | | |

Manufacturing Use Only

AFE Manufacturing Form
4 Row Self Propelled Harvester w/ Airhead

Serial Number: _____

Customer: _____

Dealer: _____

| | | |
|---|----------|---------------|
| *Double Disk Coulters-Shorter Hub-Spudnik | XXXXXXXX | |
| *Kickers | | |
| Bulk Loader | | |
| *35" | | |
| *40" | XXXXXXXX | |
| Bulk Loader Chain | | |
| *40 mm All Straight SRT | XXXXXXXX | 36mm not 40mm |
| *45 mm All Straight SRT | | |
| Self Leveling System | | |
| *No Leveling System | XXXXXXXX | |
| *Hydraulic Rear Cross & Side Elevator | | |
| Rear Cross | | |
| *40" Cross | | |
| *48" Cross | XXXXXXXX | |
| Rear Cross Chain | | |
| * 45 mm All Straight SRT | XXXXXXXX | |
| * 50 mm All Straight SRT | | |
| Rear Cross Table Option | | |
| *No Star Table Chain Only | XXX | |
| *Star Table | XXXXXX | |
| Vine Belt Option-Top Side Elevator Return Conveyor | | |
| *No Vine Belt | | |
| *40" Vine Belt w/Fan and Distributing Stars | | |
| *50" Vine Belt w/Fan and Distributing Stars | | |
| *65" Vine Belt w/Fan and Distributing Stars | | |
| *40" Vine Belt w/Fan and Stars w/Distributing Stars and Steel Roll leading onto Vine Belt | | |
| *50" Vine Belt w/Fan and Stars w/Distributing Stars and Steel Roll leading onto Vine Belt | | |
| *65" Vine Belt w/Fan and Stars w/Distributing Star | XXXXXXXX | |
| Lower Side Elevator Ellis Star Table | | |
| *No AFE Table | XXXXXXXX | |
| *AFE Table | | |
| M-Table | | |
| *No M-Table Option | XXXXXXXX | |
| *40" with Dist Stars | | |
| *50" with Dist Stars | | |
| *65" with Dist Stars | | |
| Sort Table or Bin Fill | | |
| *No Sort Table (if ordering Bin) | | |
| *35" | | |
| *40" | XXXXXXXX | |
| Sort or Bin Fill Table Belted Chain | | |
| *No Belted Chain | | |
| *45mm All Straight SRT | XXXXXXXX | 36mm not 45mm |
| *50mm All Straight SRT | | |
| Stone Conveyor | | |
| *Belted Chain | | |
| *Hook Chain | XXXXXXXX | |

Talk w/ Sam 1/29/2010

Manufacturing Use Only

AFE Manufacturing Form
4 Row Self Propelled Harvester w/ Airhead

Serial Number: _____

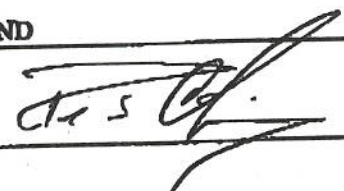
Customer: _____

Dealer: _____

| | | |
|---|----------|--|
| Bin | | |
| *No Bin | | |
| *Bin with In Tank Fill Conveyor and Sonic Control | XXXXXXXX | |
| *35" Fill Conveyor | | |
| *40" Fill Conveyor | XXXXXXXX | |
| * Flights on Belt, "V" shaped every 24" | | |
| Hydraulic Gauges | | |
| * Electronic | XXXXXXXX | |
| * Mechanical | | |
| Camera Systems: | | |
| Deflector for AirHead Discharge: | | |
| Flow Controls | | |
| *Flow Control with Actuator | XXXXXXXX | boom, stone and top side w/switch in cab |
| *Flow Control with Actuator and Gauge | | |
| Primary Plates: 4" extensions on outside | XXXXXXXX | same as paramounts |
| Raise Cab 12": | XXXXXXXX | |
| Stone Conveyor Flooring: | | |
| *Open under Airhead | XXXXXXXX | solid pan on bottom |
| *Solid under Airhead | | |

Comments:

would like same flooring as paramounts floor so dirt can fall thru.
 ag rollers in the primary w/2" standoff all 5/8" bolts
 block heater on engine
 double 3 1/2" rollers on vine chain returns
 door for checking oil
 gauge on hump
 80 drive chains on upper and lower side elevators

| | |
|--|------------------|
| Estimated Delivery Date: 4-1-2011 | Date: |
| Customer: HEARTLAND | Date: |
| Dealer: BIG IRON  | Date: 11-11-2010 |
| Manufacturer: | Date: |

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**AFE Manufacturing Form
4 Row Self Propelled Harvester w/ Airhead**

Serial Number: _____

Customer: _____

Dealer: _____

Please Indicate Noffsinger or Broekema (N=Noffsinger / B=Broekema)

| Mfg. | Chain/Location | Qty | Rod Size | Width | MM | LPR | Pattern | Covering |
|------|----------------|-----|----------|-------|----|-----|---------|----------|
| | Primary | | | | | | | |
| | Secondary | | | | | | | |
| | Deviner | | | | | | | |
| | Cross | | | | | | | |
| | Lower Side | | | | | | | |
| | Upper Side | | | | | | | |
| | BulkLoader | | | | | | | |
| | Bin Fill | | | | | | | |
| | Behind Stone | | | | | | | |



Harvester Checklist

- 1) Small nose roller R4FBRSU2
- 2) Plastic under blades
- 3) Stainless all the way up sides
- 4) Top drive
- 5) Double cut keys on primary shaft 180 degrees apart
- 6) VIS Motors
- 7) 12 Tooth sprockets
- 8) Large Reversing valve
- 9) Anti-wrap bars on primary shaft
- 10) Electronic Pumps
- 11) Digger blade in bottom , bottom holes
- 12) In cab speed control
- 13) 1 bearing on drive shaft in center Triple sealed
- 14) Double disc coulters
- 15) Mechanical lift shakers- Triangle broekema
- 16) 1/2 x 33 x 45mm Noffsinger 2dn 1st
- 17) 15 inch points 12 inch blades
- 18) Pivot point rollers 41nsdss2
- 19) Rock guard

- 1) Rubber coated carry back rollers
- 2) 4 Sprockets on drive
- 3) Double cut keys add 3 inches of shaft to both ends
- 4) Electronic pump
- 5) Reversing valve
- 6) Gearbox drive
- 7) In cab speed control
- 8) 7/16 x 68 x 45mm Broekema all straight-cushion

- 1) Gearbox drive
- 2) Large flange rollers on return by rear cross
- 3) Bolt on sprockets
- 4) Outside speed control tied with secondary
- 5) Snap rollers
- 6) 5/8 x 68 x 150mm Broekema straight-cushion
- 7) Heartland's first roller on Vine chain is in different spot
- 8) Heavier chain on snap roller
- 9) Double rollers on front rollers

- 1) Clean up and cover center bearings
- 2) Clean up and cover ends of shafts as to prevent small stones from getting caught
- 3) Install pressure switch or shaft monitor so you know when Ellis table stops
- 4) In cab speed and spacing control
- 5) All 13 point Broekema stars

11-11-10
Pauky

715
Pauky
498
7531

Harvester Checklist

- 1) Outside flow control
- 2) 7/16 x 40 x 36mm Broekema straight- cushion
- 3) 14 tooth terrog sprockets

- 1) Flat Belt w/C section
- 2) In cab speed control with extra switch to shut off boom and tub to be attached to joy stick
- 3) Heartland style tub
- 4) Front roller (drive) should be able to just flip over with keyways on both ends

- 1) 7/16 x 40 x 36mm Broekema straight- cushion
- 2) 14 tooth terrog Sprockets
- 3) In cab speed control with extra switch
- 4) 14" sides
- 5) Move hydraulic lines where tub dumps onto boom so it doesn't build up with dirt

- 1) QSX -15 520HP Cummins engine

- 3) MS83 Wheel motors
- 4) 1000/50 R 25 Michelin rear tires
- 5) Rims to have 3/8" barrels to handle increased torque of MS 83's
- 6) Double rim locks
- 7) Ms18 plus 20 front wheel motors- Thick plates
- 8) 1400x24x12 Front tires
- 9) 4 Wheel drive
- 10) 37 degree rear axle
- 11) Front steps
- 12) Noffsinger clips on all chains (Bolted)
- 13) Extra master & boom switch wired in to be attached to joystick
- 14) Raise cab up
- 15) Move cab back to open up view of Ellis table
- 16) 350 gallon fuel tank
- 17) 15" Squirrel Cage Fan to Run 1200 RPM @ 1800PSI
On Porcupine Belt Blower

Harvester Checklist

- 1) Build cross so it has enough tilt adjustment
- 2) Speed control outside of cab located by control for Dist stars
- 3) Pressure switch
- 4) Rear cross delivery onto dist stars should be level
- 5) 7/16 x 48 x 45mm Broekema straight- cushion
- 6) Relocate 1 cross brace underneath dist rolls so rocks can't get caught

- 1) Big shafts with big bearings
- 2) 13 point Broekema stars
- 3) In cab speed control

- 1) 4 sprockets on drive shaft
- 2) In cab speed control
- 3) 7/16 x 65 x 45mm Broekema straight- cushion

- 1) 4 sprockets on drive shaft
- 2) In cab speed control
- 3) 7/16 x 65 x 45mm Broekema straight- cushion

- 1) Electronic pump
- 2) Bell cleaner
- 3) In cab fan RPM readout

- 4) ~~Weight on fan should be old style (weights) - This might change.~~
- 5) 65"
- 6) 3 inch cylinder on bell and band cleaner
- 7) Use 4-R4FBRS2 behind bell cleaner

- 1) 7/16 x 14 x 1.25 hook
- 2) Solid floor

- 1) Outside flow control
- 2) 13 point broekema

- 1) Actuator for tilt adjustable in cab
- 2) New style in feed with 2 star rollers and small tube.
- 3) 13 point broekema stars
- 4) Outside flow control
- 5) 15" fan
- 6) Reversible
- 7) Straight through shaft on fan

- 1) Outside flow control
- 2) 13 point brokema

Harvester Checklist

11-11-2010



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- 2) Plastic under blades
- 3) Stainless all the way up sides
- 4) Top drive
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- 6) VIS Motors
- 7) 12 Tooth sprockets
- 8) Large Reversing valve
- 9) Anti-wrap bars on primary shaft
- 10) Electronic Pumps
- 11) Digger blade in bottom , bottom holes
- 12) In cab speed control
- 13) 1 bearing on drive shaft in center Triple sealed
- 14) Double disc coulters
- 15) Mechanical lift shakers- Triangle broekema
- 16) 1/2 x 33 x 45mm Noffsinger 2dn 1st
- 17) 15 inch points 12 inch blades
- 18) Pivot point rollers 41nsdss2
- 19) Rock guard

- 1) Rubber coated carry back rollers
- 2) 4 Sprockets on drive
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- 4) Electronic pump
- 5) Reversing valve
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- 7) In cab speed control
- 8) 7/16 x 68 x 45mm Broekema all straight-cushion

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- 1) Clean up and cover center bearings
- 2) Clean up and cover ends of shafts as to prevent small stones from getting caught
- 3) Install pressure switch or shaft monitor so you know when Ellis table stops
- 4) In cab speed and spacing control
- 5) All 13 point Broekema stars

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- 3) MS83 Wheel motors
- 4) 1000/50 R 25 Michelin rear tires
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- 9) 4 Wheel drive
- 10) 37 degree rear axle
- 11) Front steps
- 12) Noffsinger clips on all chains (Bolted)
- 13) Extra master & boom switch wired in to be attached to joystick
- 14) Raise cab up
- 15) Move cab back to open up view of Ellis table
- 16) 350 gallon fuel tank
- 17) 15" Squirrel Cage Fan to Run 1200 RPM @ 1800PSI
On Porcupine Belt Blower

Harvester Checklist

- 1) Build cross so it has enough tilt adjustment
- 2) Speed control outside of cab located by control for Dist stars
- 3) Pressure switch
- 4) Rear cross delivery onto dist stars should be level
- 5) 7/16 x 48 x 45mm Broekema straight- cushion
- 6) Relocate 1 cross brace underneath dist rolls so rocks can't get caught

- 1) Big shafts with big bearings
- 2) 13 point Broekema stars
- 3) In cab speed control

- 1) 4 sprockets on drive shaft
- 2) In cab speed control
- 3) 7/16 x 65 x 45mm Broekema straight- cushion

- 1) 4 sprockets on drive shaft
- 2) In cab speed control
- 3) 7/16 x 65 x 45mm Broekema straight- cushion

- 1) Electronic pump
- 2) Bell cleaner
- 3) In cab fan RPM readout
- 4) Leveling system should be old style (weights) .
- 5) 65"
- 6) 3 inch cylinder on bell and band cleaner
- 7) Use 4-R4FBRS2 behind bell cleaner

- 1) 7/16 x 14 x 1.25 hook
- 2) Solid floor

- 1) Outside flow control
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- 1) Actuator for tilt adjustable in cab
- 2) New style in feed with 2 star rollers and small tube.
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- 6) Reversible
- 7) Straight through shaft on fan

- 1) Outside flow control
- 2) 13 point brokema