



HENDERSON

CUSTOMER QUOTE

PRODUCTS, INC.

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11921 SMITH DRIVE
HUNTLEY, IL 60142
PHONE: 847-836-4996
FAX: 563-927-7108

To: VILLAGE OF ORLAND PARK, IL
Attn: Tom Morgan
Quote Date: 2/7/2019
Valid Until: 3/9/2019

Quoted By: Joe Vagle
Quote #: 118737
Phone: 847-836-4996
Fax: 563-927-7108
Email: jvagle@hendersonproducts.com

Quoted:
Orland Park Tandem Stainless Steel 2019

Henderson Products is pleased to present the following quote. Please contact us if you have any questions.

Mark-E Tandem Axle

Body Length: **13' BODY LENGTH**
Side Style: **STRAIGHT SIDES**
Side Height (From Floor): **36" SIDE HEIGHT**
Rear Body Profile: **STANDARD STRAIGHT VERTICAL GATE**
Rear Corner Posts: **REAR BOLSTERS 8" ABOVE SIDES**
Board Pockets: **2" WIDE BOARD POCKETS**
Hoist Type: **TRN MOUNT TELE, EXTERNAL DOGHOUSE (add's 1' to body)**
Hoist Cylinder/Model: **MAILHOT CS-SERIES, DOUBLE ACTING, CS130-5.5-3DA**
Hydraulic Pump: **NO FACTORY SUPPLIED HYDRAULIC PUMP**
Cylinder Cradle Style: **STANDARD HOIST CRADLE**
Install Cylinder: **SHIP LOOSE - DEALER TO INSTALL**
Hydraulic Reservoir: **NO RESERVOIR - DEALER TO SUPPLY**
Floor Material: **1/4" AR400 FLOOR**
Floor to Side Radius: **5" RADIUS FLOOR TO SIDE**
Longsill Material: **8" I-BEAM LONGSILLS (STANDARD SKIP WELD)**
Sides/Headsheet Material Type: **201 GRADE STAINLESS STEEL SIDES/HEADSHEET**
Sides/Headsheet Thickness: **7GA 201SS SIDES/HEAD**
Side Bracing Type: **(TWO) WELD-ON INTERMEDIATE SIDE BRACES, EA SIDE**
Side Brace Material: **10GA 201SS SIDE BRACING**
Top Rail Style: **FLAT (2" FLAT, THEN SLOPED)**
Contoured Front Corner Posts: **NO FRONT CORNER POSTS**
Rear Corner Post Material: **7GA 201SS REAR CORNER POSTS**
Tailgate Style: **STANDARD TAILGATE**
Tailgate Sheet Material: **7GA 201SS TAILGATE SHEET**
Tailgate Bracing: **(THREE) INTERMEDIATE HORIZONTAL TAILGATE BRACES**
Tailgate Material: **10GA 201SS TAILGATE BRACING**
Tailgate Top Pivot Hardware: **1-1/4" PINS, 1" PLATES, NON-GREASABLE**
Tailgate Latch Type: **DBL ACTING AIR CYL TG RELEASE, GREASABLE SS BUSHINGS**
Tailgate Release Valve: **NO TAILGATE RELEASE VALVE**
Tailgate Pin Lanyards: **TAILGATE PIVOT PIN LANYARDS**
Tailgate Lift Loop: **TAILGATE LIFT LOOP, CENTER OUTSIDE (SS)**
Latch Jaws: **LOWER TG LATCH JAWS, NON-GREASABLE**
Coal Chute: **NO COAL CHUTE**
Rear Face Light Holes: **(3) OBOURND LIGHT HOLES, EA BOLSTER REAR FACE**
Rear Side Marker Light Hole: **STD 2.5" SIDE MARKER LIGHT HOLES**
Rub Rail Marker Light Hole: **NO FRONT MARKER LIGHT HOLES**





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Exterior Light Boxes Installed: **NO EXTERIOR LIGHT BOXES**
Lighting Package: **NO OEM LIGHTING PACKAGE**
Body Hinge Construction: **STD 8" X 6" X 1/2" REAR HINGE ANGLE**
Body Hinge Type: **GREASELESS COMPOSITE BUSHING HINGE BLOCKS (I)**
Body Hinge Paint: **YES, REAR HINGE PAINTED @ FACTORY**
Paint Preparation: **SANDBLAST AND PRIME**
Cabshield Style: **CABSHIELD WITH INTEGRAL TARP SHROUD**
Cabshield Material: **10GA W/ 7GA END PLATES (201SS)**
Cabshield Size: **22" X 86" CABSHIELD (1/2 CAB)(W/TARP SHRD)**
Cabshield Mounted Light Holes: **FOUR OVALS, (1) EA SIDE, (2) FORWARD (NON-BOXED FOR TARP)**
Install Cabshield: **CABSHIELD SHIPPED LOOSE, DEALER TO INSTALL**
Asphalt Lip: **WELD ON ASPHALT LIP**
Asphalt Lip Material: **201 STAINLESS STEEL**
Asphalt Lip Style: **12" WELD ON, 7GA 201SS WITH 1/4" ENDPLATES**
Asphalt Lip Installed: **ASPHALT LIP SHIPPED LOOSE**
Walk Rails: **WALK RAIL INSTALLED ON LOWER RUBRAILS**
Walk Rail Material: **STAINLESS STEEL WALKRAIL MATERIAL**
Walk Rail Type: **1-1/2" GRIP STRUT (304SS W/ 201SS BRKTS)**
Tarp Rails: **NO TARP RAILS**
Side Ladders: **(YES) SIDE LADDER, Pick From List Below**
Side Ladder Material: **STAINLESS STEEL LADDER CONSTRUCTION**
Driver's Side Front Ladder: **NO DRIVER'S SIDE FRONT LADDER**
Driver's Side Rear Ladder: **NO DRIVER'S SIDE REAR LADDER**
Curbside Front Ladder: **FOLD DOWN SIDE LADDER, CS FRONT (304SS)**
Install Curbside Front Ladder: **NO, SHIP CURBSIDE FRONT LADDER LOOSE**
Curbside Rear Ladder: **NO CURB SIDE REAR LADDER**
Body Step Options: **NO STEP(S)**
Grab Handles: **GRAB HANDLE, CURBSIDE FRONT**
Show Options: **Show Options**
Sideboards: **NO SLOPED SIDEBOARDS**
Rubber Mounting Pads: **NO RUBBER MOUNTING PADS**
Vibrator Mounting Pad: **VIBRATOR MOUNTING PAD, BETWEEN LONGSILLS (MILD)**
Rear Apron Filler Plate (for TGS Sander): **NO REAR APRON FILL PLATE**
Install TGS Spreader: **NO TGS INSTALL**
Heated Body: **NO HEATED BODY OPTION**
Cradle Mount Toolbox: **NO TRIANGULAR CRDL MOUNT TOOLBOX (SLOPED HEAD P2P ONLY)**
Toolbox (Body Integral): **NO INTEGRAL BODY TOOLBOX**
Option 1 Description: **Tailgate spreader mounting hardware for asphalt lip**
Option 2 Description: **6in. oval lighthole at midpoint of body rub rail both sides**

Reversible snow plow

Plow Length: **11' length**
Moldboard Trip: **Adjustable cutting edge trip - torsion spring**
Pushframe Type: **Standard Circle Frame with Top Mount Cylinders**
Moldboard Height: **42" height**





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Moldboard Shield: **Integral shield**
Moldboard Sheet Material: **3/8" polymer ILO steel**
Moldboard Cut-Out / Ears: **Mailbox cutout on right side of moldboard**
Adjustable Trip Spring: **Adjustable cutting edge trip springs**
Hydraulic Cylinders: **4" x 2" x 10" reversing nitrided cylinders**
Paint: **Standard Gloss Black**
12" Rubber Deflector: **Yes, w/ SS Backer**
Install Rubber Deflector: **Yes**
36" Plastic Side Markers, Pair: **Yes**
Parking Jack, Screw Adjustable: **Yes**
Install Parking Jack: **Yes**
Cutting Edge: **3/4" x 6" Carbide cutting edge with cover blade**
Curb Guard, Installed: **Double Wrap around curb guards**
Hitch, Plow Portion: **Quick Link hitch**
Plow Portion Installed on Plow: **Yes**
Hitch, Truck Portion: **Quick Link**
Hydraulic Lift Cylinders, Truck Portion: **4" x 2" x 10" Nitrided Lift Cylinder**

FSH salt / sand spreader

Spreader Model: **FSH-II Salt/Sand Spreader**
Hopper length: **13'**
Hopper material: **201SS - 10 GA sides/ends, 7 GA sills/floor**
Capacity: **FSH-II 62" (10.7 CY) w/ formed chain shields standard**
Conveyor: **Dual 7" dia. augers**
Gearcase: **3.6:1 planetary gearcase**
Chute type: **Standard Dump Over Chute Same Material as Hopper**
Spinner disk: **20" urethane spinner disk**
Inverted vee: **Inverted vee, 201ss**
Install inverted vee: **Install at factory**
Screen type: **Std. top grate screens**
Install top grate screens: **Install at factory**
Extended front idler grease tubes: **Extended front idler grease tubes**
Trunnion latch for tailgate: **Trunnion latch, Mild Channel (loose "SL")**
Install Henderson pre-wet system: **Install Henderson pre-wet system**
Conveyor motor w/ integral speed sensor: **Motor w/ integral speed sensor**
Option 1 Description: **SS trunnion bar ILO carbon**
Option 2 Description: **SS motor guard for dual augers included with tip up**
Option 3 Description: **Slurry tube**

PWS liquid pre-wetting system

Power Source: **Hydraulic Powered Pump**
Application: **V-box spreader**
Product Size: **Full Size V-Box 10-13FT Long**
Control Box: **No Valve, Hydraulic Powered Pump and Flow Meter**
Pump: **Standard 4.1 GPM Bronze Gear Pump**





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Console: **None-Deduct PWSH-I Console**
Tank Size: **(2) 200 Gal Poly Tanks w/plumb & HW Requires 24" Bracing**
Spray Assembly: **Std Variable Displacement Nozzle Assembly**
Mounting Hardware: **304SS frame mount hardware for FSH**
Flush Kit: **System flush kit**

Installation Workup

Facility: **IDC-IL**
Chassis Delivery To Henderson: **Truck Dealer/Customer Delivers**
Completed Truck Delivery Method: **Customer Pick-Up**
Chassis Make: **International**
Chassis Model Yr: **2020**
Chassis Model: **HV**
Useable CA/CT: **120in.**
Front Axle Rating: **20,000**
Rear Axle Rating: **40,000**
Front Frame Ext?: **Yes**
Frnt Frame Ext Type: **Full**
Front Frame Wall: **Single Wall**
Front Frame Width: **34"**
Pump Location: **Transmission Mount Pump**
Transmission Type: **Automatic**
Transmission Model: **Allison Transmission**

Hitch Type: **Low Profile or Manual Tilt Type Hitch**
Mount Type: **Cheek Plate Mount Kit (Select type below)**
Mount Kit Model (Req'd): **Low Pro/MT Ck Plt Kit (No Wng, 34"w Full Frame)**
Front Bumper: **OEM Bumper Cut and Split**

Front Plow Type: **Standard Henderson Plow**
Plow Markers (Front Plow): **IDC Install of fact supplied markers, sales to order w/ unit**
Rubber Deflector Install: **Supplied/Installed @ Factory, sales to order w/ unit**
Front Plow Curb Guards: **Supplied/Installed @ Factory (Sales to order with unit)**
Plow Jack Install: **Supl'd/Instl'd on plow @ Factory, Sales order with unit**

Dump Body Type: **Mark E Tandem Axle**
Floor Length: **13ft Floor Length**
Hoist Type: **Tele Trunnion Hoist, Internal Doghouse**
Cylinder Type: **Double Acting**
Body Material (Sides/ends): **Painted Steel Type Body Material**
Tailgate Release Type: **IDC supplied Electric over air valve**
Cabshield Install: **Supl'd by fact, welded to body @ IDC, sales to order w/ unit**
Asphalt Lip (FF Only): **Supld by Fact, instll @ IDC, Bolt On (Sales order with unit)**
Grab Handle(s): **Supplied/Installed @ factory (sales to order with unit)**
Ladder(s): **Supplied by factory, Install @ IDC (sales to order w/ unit)**





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Ladder Install QTY (Dump): **(1) LADDER INSTALLED @ IDC (LABOR ONLY)**
Ladder Install Style (Dump) 1: **Fold Down Side Ladder**
Ladder Install Loc 1 (Dump): **Passenger Side Front**
Shovel Holder: **(1) IDC Supl'd Spring Loaded SS Shovel Holder w/ SS brckt**
Shovel Holder Loc (1): **Driver side body**
Vibrator: **Cougar Vib, DC3200 kit, 50' cable, TA (order vib pad w unit)**
Sideboards: **Wood (Un-Painted), supplied/installed by IDC**

Sideboard Notes:

Tarp Brand: **Rollrite (order 86" c/s if using integral shield)**
Tarp System: **Tarpmaster 400, 30° arms, w/ Wind Defelct, Tensioners**
Tarp Material: **Black Vinyl (Asphalt rated)**
Tarp Length: **18' Body or shorter Length (BV,RR)**

Body Spec Notes:

Spreader Type: **FSH**
FSH Drive Type: **Hydraulic**
FSH Mount Type: **Slip in Mount**
Slip in Tie Downs: **IDC supplied Kinedyne Winch kit, (Includes 4 tie downs)**
Trunnion Latch: **Install Fact Sup'd Trun Latch Bar, sales to order with unit**
FSH Spinner Configuration: **Standard Spinner install**

Prewet/Liquid System: **V-box Prewet System**
System Type: **FSH**
Tank Configuration: **Factory Supplied/Installed (Sales to order w/unit)**
Drive Configuration: **Hydraulic Drive, Factory Installed (Sales to order w/unit)**
Controls: **Supplied by IDC (sales to order w/ hyd cntrls)**
Feedback Sensor: **Factory Supplied/Installed (Sales to order w/unit)**
Flush Kit: **Factory Supplied/Installed (Sales to order w/unit)**

Chassis Accessories: **Yes (SELECT RELATED OPTIONS BELOW)**
Mudflaps (Rear): **Swinging w/o Logo**
Mudflap Type (Rear): **36" Swinging, Mild (No LOGO)**
Fenders: **Front Quarter Fenders, Poly (standard)**
Pintle Plate: **Yes (select from options below)**
Pintle Plate Configuration: **3/4" Plate, PH45 & PH20 Holes, Tandem, (w/D-rings, 3LTC)**
Pintle Hook: **45 Ton**
Glad Hands: **Glads, Fixed, Strt, Serv & Emerg, w/Dust Covr, Drop Hoses,Pr**
Trailer Plug (1): **7 Pin Trailer Plug, Truck end 7-Way RV,new style (municipal)**
Trailer Plug (2): **6 Pin Trailer Plug, round (livestock trailer)**
Truck Wash: **Complete Truck Wash/Clean/Vac 1**
Warranty: **Standard 1 Year Warranty**
Reflective Tape: **Reflective Tape, No Logo (60' Linear)**
Decal Package: **Package Decal Kit**





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Electrical: Yes (SELECT RELATED OPTIONS BELOW)

Power Distribution Panel: **Power Distribution Panel**

Misc Electrical Supplies: **Req'd Misc Elect Supplies**

Plow Lights: **Plow Lts, Hella 220, HALO, Except FrtlNr/Mack/Pbilt (PAIR)**

Plow Light Brackets: **Plow Lt Brckts, SS, Mnt to Fact Hood Mnt Mirror, INTL, Pair**

Worklight(s) QTY: **(QTY 2) Work Lights (Select type below)**

Worklight (1) Type: **LED, Worklight, 4in Round (Optilux)**

Worklight (1) Gen Location: **Rear Spinner**

Worklight (2) Type: **LED, Worklight, 4in Round (Optilux)**

Worklight (2) Gen Location: **Rear Spinner**

Cabshield Warning Light Qty: **Qty 4 Lights (Order Holes with Unit)**

Cabshield Warning Lights: **QTY 4, 6" LED Oval Strobes, Amber (order holes w/unit)**

Cabshield Lighting Harness: **Cabshield Warning Lights Only (qty 2-6)**

Rear Dump Bolster (S/T/T): **LED S/T/T, kit (West) (order holes)**

OEM Light Remount: **Remount OEM Chassis Lights**

Rear Dump Bolster (Back-up): **B/U Lights, LED, Clear, Oval, pair (Order holes with body)**

Rear Dump Bolster Strobes: **6" LED Oval Strobes, Amber, 2 PR, (order holes w/unit)**

Back up alarm: **Backup Alarm, 97db**

Junction Box/Backup Alarm Bracket: **Backup Alarm Bracket Installed**

Body up switch/light: **Body UP Switch/Body Up Light (Trucklite)**

Brake controller: **Brake Controller, Voyager Brake Controller**

License Plate Lights: **IDC Supplied License Plate Light Gray Housing**

Backbone & Wire Standoffs: **14' Backbone (For TA)**

Camera: **Included in Hydraulics Pkg (quote w/ Hyd)**

Pavement Temp Sensor: **Included w/ Hyd (price w/hyd pkg)**

GPS System: **Included in Hydraulic Package**

Electrical Install Opt 1: **One set of rear corner post warning lights is for**

Electrical Install Opt 2: **body rub rail. Hole to be installed at factory**

Hydraulics: Full Hydraulic Package

Hyd Supplier: **Force America (Select Pkg Below)**

Hyd Supplier (Spec): **QT001-1119075-2**

Controls Type: **Electric Controls**

PTO Type: **Included in Hydraulics Package**

Low Oil Shut Down: **Yes, included in Hyd Pkg**

High Temp Oil Shut Down: **Yes, included in Hyd Pkg**

Low Oil Indicator: **Yes, included in Hyd Pkg**

SS Tubing Upgrade: **TA, F&R lines, 6' Frnt, 9' Rr**

Quick Coupler Upgrade: **Standard Quick Couplers**

Hydraulics Notes:

Force America SSC6100 spreader controller. Ultra Armrest with two joysticks. Arc pavement temp sensor. Auger reverse.





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Single Package: \$99,019.00
Package(s) : 1
Total: \$99,019.00

Signed: _____ Date: _____

Quote notes: