

PRODUCTS, INC.

Page 1 Quote #174137 Rev #33

**CUSTOMER QUOTE** 

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

Quoted By: Dan Montiel

Email: dmontiel@hendersonproducts.com

Phone: 847-836-4996

Fax: 563-927-7108

Cell:

To: VILLAGE OF ORLAND PARK, IL Attn: ANDREW FOLKERTS (708)277-4757

Quote Date: 7/20/2023 Valid Until: 8/19/2023

Sourcewell Contract# 080818-HPI

Sourcewell #: 58277

Quoted:

2023 KW STOCK TANDEM SNOW AND ICE CONTROL TRUCK EQUIPMENT PACKAGE

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

#### 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
Moldboard Shield: Integral shield

Moldboard Sheet Material: 3/8" polymer ILO steel

Mailbox Cut/Mouse Ear: 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: Orange Poly Moldboard, all other 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: Std 5/8" x 8" One Piece AASHTO punch Curb Guard, Installed: Double Wrap around curb guards

Hitch, Plow Portion: Quick Link hitch Plow Portion Installed on Plow: Yes

Hitch, Truck Portion: See HPH or HCH for Truck portion hitch

Custom Option Fields: Note Custom Details Below

Option 1 Description: TWO 5/8in. X 8in. CUTTING EDGES ILO 1 Option 2 Description: USE 81654 PLAIN RUBBER DEFECTOR (NO LOGO) Option 3 Description: ADDITIONAL CUTTING EDGE TO SHIP LOOSE

Option 4 Description: Option 5 Description: Option 6 Description:

### Snow Plow Hitch

Reversing Cylinder Style: None or Top mount reversing cylinders
Plow Portion Hitch: Plow portion picked under plow
Hitch, Truck Portion: Quick Link hitch, Low Profile
Bumper to Frame Mounting Kit: No, upfitter supplied mounting









PRODUCTS, INC.

CUSTOMER QUOTE

Page 2

Quote #174137

Rev #33

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

Hydraulic Lift Cylinder: 4" x 2" x 10" Double Acting Nitrided Lift Cylinder

High Pressure QD System: No High Pressure QD System

Holding Valve for Lift Cylinder: No Holding Valve For Lift Cylinder

Custom Options: No Custom Options Required

#### HPI MarkE

COUNTRY/LANGUAGE: USA/ENGLISH

FAMILY: MARK E, CLASSIC

FLOOR LENGTH: 13' FLOOR LENGTH SIDE HEIGHT: 36" SIDE HEIGHT

BODY MATERIAL (SIDES/HEADSHEET): 7GA 201SS SIDES/HEADSHEET

SIDE BRACES: (2) 10GA 201SS WELD ON SIDE BRACE

TOP RAIL/RUB RAIL MATERIAL: 7GA 201SS TOP & RUB RAILS

REAR BOLSTER HEIGHT: 8" BOLSTER, 2-1/8" POCKETS REAR BOLSTER MATERIAL: 7GA 201SS REAR BOLSTERS

FRONT BOLSTER: NO FRONT BOLSTERS FLOOR MATERIAL: 1/4" AR400 FLOOR

HOIST TYPE: TRN MT HOIST, INTERNAL DH, DA CYLINDER MODEL: CS/G4, DBL ACT, 2YR SALT WTY\*

HYDRAULIC LINES: 1/2" SS HYDRAULIC LINES DS LONGSILL

HOOKLIFT A-FRAME: NON-HOOKLIFT

HOIST MOUNT TYPE: STANDARD WIDTH CRADLE

INSTALL HOIST & CRADLE: UPFITTER INSTALLED H&C

LONGSILLS: 8" I-BEAM LONGSILLS, FULL WELD

BODY HINGE MAINTENANCE: GREASEABLE PINS, WITH BUSHINGS

TAILGATE STYLE: CONFIGURABLE STANDARD TAILGATE TAILGATE SHEET MATERIAL: 7GA 201SS TAILGATE SHEET

TAILGATE LINER: NO TAILGATE LINER

COAL CHUTE: NO COAL CHUTE

TAILGATE BRACE: 2 HORIZONTAL TAILGATE BRACE

TAILGATE LIFT STYLE/LOCATION: FORMED LIFT LOOP, TOP BRACE TAILGATE RELEASE & CONTROL: AIR TRIP, SS BUSHING, TG RELEASE

TAILGATE HINGE: STD, 1-1/4" PIN, 1" PLT TAILGATE CHAINS: ZINC TAILGATE CHAINS

BOLSTER CHAIN HOOKS: SHIP LOOSE (4) CHANNEL STYLE 201SS

HORIZONTAL J-HOOKS: NO HORIZONTAL J-HOOKS

TAILGATE PIN LANYARDS: NO TAILGATE PIN LANYARDS

TAILGATE AIR VALVE: UPFITTER SUPPLIED TAILGATE AIR VALVE

LUBRICATION: GREASEABLE PINS, JAWS, & SHAFT

CABSHIELD STYLE/WIDTH/OVERHANG: WELD-ON, 22"x86", W/ TARP SHROUD

CABSHIELD MATERIAL: 201SS, 10GA PANEL, 7GA ENDS CABSHIELD INSTALLATION: CABSHIELD SHIPS LOOSE

CABSHIELD OFFSET: OFFSET NOT APPLICABLE

CABSHIELD LIGHTING: CS LIGHTS, 4 REAR RECTANGLE, ILDOT SPEC

ASPHALT LIP: NO ASPHALT LIP

SIDE BOARDS: UPFITTER SUPPLIED SIDEBOARDS

SIDE LADDER LOCATION: LADDER/GRBHND, CS FRNT, SL









PRODUCTS, INC.

Page 3 Quote #174137 Rev #33

**CUSTOMER QUOTE** 

11921 SMITH DRIVE HUNTLEY, IL 60142 PHONE: 847-836-4996

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SIDE LADDER TYPE: LADDER, FOLD DOWN, 201SS

BODY STEPS: NO INTERIOR STEPS

RUB RAIL LIGHTING: NO RUB RAIL LIGHTING

REAR BOLSTER MARKER LIGHTING: 2.5" RED REAR BLSTR LIGHT

REAR FACING REAR BOLSTER LIGHT: 2 OBROUND LIGHT

LIGHTING ADD ONS: NO BOLT-ON LIGHT BOX

LIGHTING PACKAGE: UPFITTER SUPPLIED LIGHT PACK

PWS TANKS: NO PREWET TANKS

PREWET PREP: NO PREWET BOX BRACKET
WALK RAILS: 2" DRVR & CURB WALK RAIL

TARP RAILS: NO TARP RAILS

VIBRATOR LOCATION: VIBRATOR PAD BETWEEN LONGSILLS

TGS INSTALLATION: NO FACTORY INSTALLED TGS

TGS INTEGRATION: NO TGS SPILL SHIELDS

TGS/ASPHALT LIP MOUNT HOLES: NO MOUNT HOLES IN BOLSTER

FINISH PREP: WASH & PRIME MILD PARTS ONLY

PAINT/FINISH: NO FINISH

NOTE 1:: ADDITIONAL CUSTOM OPTION

CUSTOM OFFERING: ADD 1/2in. SS TUBE FOR DA CYLINDER ON INSIDE D/S LONGSILL

NOTE 2:: NO ADDITIONAL CUSTOM OPTIONS
NOTE 3:: NO ADDITIONAL CUSTOM OPTIONS
NOTE 4: NO ADDITIONAL CUSTOM OPTIONS
NOTE 5: NO ADDITIONAL CUSTOM OPTIONS
NOTE 6: NO ADDITIONAL CUSTOM OPTIONS
NOTE 7: NO ADDITIONAL CUSTOM OPTIONS
NOTE 8: NO ADDITIONAL CUSTOM OPTIONS

### Henderson Wing System

WING CONFIGURATION TYPE: HEAVY DUTY WING SYSTEM: FRONT OF CAB SYSTEM

REAR BRACE LOCATION: REAR BRACE AHEAD OF REAR AXLES

WING SIDE LOCATION: RIGHT HAND SIDE

TRIP TYPE: NON-TRIP MOLDBOARD WING BRACES: 1 SHOCK BRACE

CUTTING EDGE LENGTH: 12' CUTTING EDGE

CUTTING EDGE MATERIAL: 5/8 X 8 TOP PUNCH CUTTING EDGE

MOLDBOARD MATERIAL: 10GA GR50 CURVED MOLDBOARD

MOLDBOARD HEIGHT AND SHAPE: 32" STRAIGHT MOLDBOARD

MOLDBOARD DISCHARGE: 6" FLARE ON DISCHARGE W/BEAD

MOLDBOARD BOTTOM ANGLE: 4 X 4 X .75 BOTTOM ANGLE

MOLDBOARD TOP FLANGE: MOLDBOARD BOXED-IN TOP FLANGE

MOLDBOARD ADD ONS: MOLDBOARD CENTER LIFT EYE

FRONT MAST TYPE: 8" LIFT/11" CYL HYD FRONT MAST

FRONT MAST MOUNT: FRONT CROSSTUBE & CHEEKPLATES

REAR SUPPORT AND MAST: CHEEKPLATES W/REAR CROSS TUBE MOLDBOARD HEEL LIFT: FRONT MLDBRD HEEL LIFT, 4" CYL

PAINT: MB STD ORANGE, ALL ELSE BLACK









PRODUCTS, INC.

CUSTOMER QUOTE

Page 4

Quote #174137

Rev #33

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

CURB GUARD, INSTALLED: CURB GUARD, INSTALLED

ORANGE SIGHT MARKER, SHIP LOOSE: ORANGE SIGHT MARKER, SHIP LOOSE

Option 1 Description: ADDITIONAL (1)81937 EDGE, CUTTING, 5/8 X 8 X 12ft., TP

Option 2 Description: SMART LINK ILO NON TRIP

Option 3 Description: ADDITIONAL CUTTING EDGE SHIPPED LOOSE

#### 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

Flow Divider: Yes, Factory Installed (recommended)

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")

Conveyor speed sensor: Conveyor speed sensor
Option 1 Description: STAINLESS STEEL MOTOR GUARD
Option 2 Description: SS TRUNNION LATCH ILO MILD STEEL

### PWS liquid pre-wetting system

Power Source: Hydrualic 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 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

Prewet Installed: Installation on FSH

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: Drive-Away Service









PRODUCTS, INC.

CUSTOMER QUOTE

Page 5

Quote #174137

Rev #33

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

Completed Truck Delivery Method Notes: DELIVERY TO HUNTLEY FROM NEW YORK

Non-Henderson Equipment: Yes (SELECT OPTIONS BELOW)

Chassis Make: Kenworth
Chassis Model Yr: 2023
Chassis Model: T480
Vin Number: TBD
Useable CA/CT: 138.5
Front Axle Rating: 20k
Rear Axle Rating: 46k
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

Chassis Options 1: (2)159694 BUMPER, FORMED, IADOT (ILO OEM CUT AND SPLIT)

Hitch Type: Low Profile or Manual Tilt Type Hitch

Mount Type: Engineered Truck Hitch (sales to order hitch w/ unit)

Mount Spec: (1)122232 PLATE, CHEEK, 16 X 35,7in. TUBE

Front Bumper: OEM Bumper Cut and Split

Hitch Options 1: (1)122233 PLATE, CHEEK, 16 X 35,7in. TUBE Hitch Options 2: (2)81770 ANGLE, TUBE SUPPORT, 3.00 X 4.00

Hitch Options 3: (1)145606 ANGLE, MOUNT, HITCH

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

Wing Type: Install HWS Patrol Wing (non-extendable)

Wing Stop: Yes (factory supplied)

Plow Markers (Wing Plow): IDC Install fact supl'd marker, single, sales order w

Curb Guard (Wing Plow): Supplied/Installed @ Factory (Sales to order with unit)

Load Booster/Airbag: Timbren Load Booster for RH Front Axle

Laser Line Wing Guide: Laser Line Wing Guidance System Wing Options 1: (2)162103 LIGHT, WING/PLOW, LED, AMBER

Wing Options 2: (2)137120.201 BRACKET, STROBE, WING, ALASKA

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): Stainless Steel Type Body Material









PRODUCTS, INC.

CUSTOMER QUOTE

Page 6

Quote #174137

Rev #33

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

Tailgate Release Type: IDC Supplied manual air over air valve

Pressure Protection Valve: Direct to air tank valve (All except Int, Mack & Volvo)

Cabshield Install: Supl'd by fact, welded to body @ IDC, sales to order w/ unit Grab Handle(s): (1) Factory supl'd, install @ IDC (Sales to order with unit)

Ladder(s): Supplied by factory, Install @ IDC (sales to order w/ unit)
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 headsheet

Vibrator: Cougar Vib, DC3200 kit, 50' cable, TA (order vib pad w unit)

Tarp Brand: Rollrite (order 86" c/s if using integral shield)

Tarp System: Tarpmaster 400, 30° arms, w/o 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 supp'd Weld-On Winch kit, SS (w/3" x 72" straps)
Trunnion Latch: Install Fact Sup'ld Trun Latch Bar, sales to order with unit

FSH Spinner Configuration: Standard Spinner install

HYD QD Mount Brackets: Stainless Steel QD Mount in front of dump body bolster

Spreader Options 1: (4)106096.304 HOOK, SCREEN INSTALL, MUNI

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: Supplied by factory, Installed @ IDC (sales to order w/unit)

### Liquid Details:

Chassis Accessories: Yes (SELECT RELATED OPTIONS BELOW)

Mudflaps (Rear): Swinging w/o Logo

Mudflap Type (Rear): 36" Swinging, SS (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/3LTC)

Pintle Plate D-Rings: Qty (2) 1" D-rings, 50 deg bend

Pintle Hook: 20 Ton

Glad Hands: Glads, Fixed, Strt, Serv & Emerg, w/Dust Covr, Drop Hoses, Pr









PRODUCTS, INC.

CUSTOMER QUOTE

Page 7

Quote #174137

Rev #33

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Trailer Plug (1): 7 Pin Trailer Plug, Truck end 7-Way RV, new style (municipal)

Trailer Plug (2): Remount OEM Trailer Plug (QTY 1)

Truck Wash: Complete Truck Wash/Clean/Vac 1

Warranty: Standard 1 Year Warranty
Inspection: Walk-around meeting only

Reflective Tape: Reflective Tape, No Logo (60' Linear)

Install Touch-up: Basic Installation Touch-Up

Chassis Install Options 1: LABOR AND MATERIALS TO POSSIBLY MOVE THE AIR TANKS

Electrical: Yes (SELECT RELATED OPTIONS BELOW)

Power Distribution Panel: Power Distribution Panel

Misc Electrical Supplies: Req'd Misc Elect Supplies

Plow Lights: Plow Lts, LED, Heated, Tlite, Round, Pair

Plow Light Brackets: Plow Lt Brckts, SS, PETERBILT 348, Pair

Worklight(s) QTY: (QTY 2) Work Lights (Select type below) Worklight (1) Type: LED, Worklight, 4in Round (Optilux)

Worklight (1) Gen Location: Front of Wing

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

Worklight (2) Gen Location: Rear Spinner

Back up alarm: Backup Alarm, 97db

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)
Camera Kit: 3 cameras supplied with hydraulics

IDC Light Package: 72" Justice (ILDOT) w/2 wk lites, Std Risers

Pavement Temp Sensor: Included w/ Hyd (price w/hyd pkg)
Electrical Install Opt 1: (1)181543 KIT, LED, TAKEDOWN, PAIR
Electrical Install Opt 2: (2)120729.304 HANDLE, GRAB, 60in.

#### Electrical Spec Notes:

Hydraulics: Full Hydraulic Package

Hyd Supplier: Force America (Select Pkg Below)

Hyd Supplier (Spec): FORCE AMERICA QUOTE QT001-1316337-1

Controls Type: Electric Controls

PTO Type: Included in Hydraulics Package Reservoir Type: Supplied With Hydraulics

Valve Enclosure Type: Supplied With Hydraulics 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
Return Filter: Provided with Hydraulics
SS Tubing Upgrade: TA,F&R lines,6'Frnt,9'Rr









### PRODUCTS, INC.

Page 8 Quote #174137 Rev #33

CUSTOMER QUOTE

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Quick Coupler Upgrade: Stainless Steel Quick Couplers
Front Plow Lift Q-Coup Upg: Not Required
Front Plow Rev Q-Coup Upg: (2PR) Frnt Plow Rev Q-Coupler
Wing Toe Q-Coup Upg: (2PR) Wing Toe Q-Coupler (SW)
Wing Heel Q-Coup Upg: (2PR) Wing Heel Q-Coupler (SW)
Spinner Q-Coup Upg: (2PR) Spinner Q-Coupler (1S)
Auger Q-Coupler Upg: (2PR) Auger Q-Coupler
Prewet Q-Coupler Upg: (1PR) Prewet Q-Coupler
Anti-Ice Coupler Upg: Not Required

#### Hydraulics Notes:

Quantity of Non-Henderson Equip: Quantity 1
Equipment Type 1: Other
Equipment 1 quote number: ROLL AXLES TO 108" CT

inquipment i quote number. Noil imilio 10 100 Ci

#### Equipment 1 spec:

### Specialty Equipment

Quotation Type: Henderson Supplied Chassis Chassis Make: KENWORTH T480 VOCATIONAL HOOD Chassis Quote #: CHASSIS PO# 275893

### Chassis Details:

Total package price: \$383,354.00 Total package w/applicable 10% Sourcewell discount: \$361,444.00 Freight: \$1,018.00

Single package total: \$362,462.00

Package(s):1

Total: \$362,462.00 REMOVING WING; -\$19,717.00; NEW INVOICE TOTAL = \$342,745.00

\*\*10% Sourcewell discount applies to all equipment and installation only.

Due to the volatility in material costs and chassis delays, pricing is subject to change at time of manufacturing and/or upfit.

Signed: Date	: <u></u>

Quote notes:





