

## **1) Henderson Mark E-SA 11' Dump Body: (set-up is for 96" cab to axle chassis)...(or Equivalent)**

- \* **11ft.** box with 86" inside width - Unibody design "No cross members"
- \* **201 Stainless Steel Construction...Unpainted Body (floor and underside painted black)**
- \* **52in.** high header – 7ga. S/S
- \* **24in.** sides – fully welded – 7ga. S/S
- \* **Single horizontal weld-on side brace on each side**
- \* **32in.** tailgate – 7ga. 201 S/S (pancake/brake chamber type)
- \* **Two (2) panel tailgate with one horizontal brace, grab handles in lower panel & lift loop (or D-ring)**
- \* **One piece, 3/16" AR400 steel floor, 200,000 PSI tensile strength**
- \* 45-degree floor to side knee-brace formed into floor
- \* Fully boxed-in & fully welded top rails (2" board pockets for sideboards)
- \* Rub rails are sloped for dirt & debris shedding
- \* Under frame is two **5" structural steel I-beam long sills** with "No splices" (**Fully Welded**)
- \* Contoured front corner post
- \* Full depth rear corner post 7ga. 201 S/S ~ with 2-oval light holes in each rear corner post
- \* **22" x 78" cabshield, fully welded – 10ga./7ga. 201 S/S**
- \* **Back-up alarm - 91db**
- \* **Two sets of mud flaps – rear set to be quick detachable type**
- \* 1½" Stainless Steel grip strut walk rail, installed on both sides
- \* **Stow-away type ladder front driver side with grab handle and inside step**
- \* **Two sets of shovel hooks- one on each side**
- \* **LED S/T/T lights & LED warning lights in the rear corner post**
- \* Remount factory truck S/T/T lights on outside of truck frame
- \* **Cougar Vibrator- Model DC-2500-** installed & wired to UTE switch box (or factory truck switches)
- \* **All electrical wiring connections will be put in heat shrink tubing & will run to a sealed junction box**
- \* Unpainted Stainless Steel box / frame & underside of box painted **black**
- \* Mounted & fully operational
- \* One year warranty

## **1) Hoist...(or Equivalent)**

- \* Mailhot CS100-4.5-3 (18.6 ton) heavy duty telescopic hoist, class 60
- \* **Cylinder is Double Acting - full power down**
- \* 4in Structural Channel Subframe w/ 6in x 4in x 3/8in structural angle rear hinge & integrated cradle
- \* Trunnion mount cylinder with oscillating trunnion collar
- \* 303 S/S rear hinge pins with composite bushings and grease zerks
- \* One std. safety body prop
- \* Includes cable pull-off valve/hoist limiter
- \* Two year warranty

## 1) Hydraulic system...(or Equivalent)

- \* **Force America FAS45L (6.0 cu in.) load sense pump with 1" shut off valve**
- \* V40/V20 Add-A-Stack, five (5) section valve body to run plow lift, plow reverse, the wing toe, the wing heel,  
and **the dump box hoist** with 500 psi. relief on down side
- \* **Valve body to be mounted in a stainless-steel enclosure on side of truck frame**
- \* Single handle type hoist control and joystick type for the plow & wing - stainless steel cable with 100 lb.  
push/pull minimum
- \* 30 gal. **stainless steel** hydraulic oil tank with **in tank mounted filter** and **2" shut off valve** /  
Sight & temp. gauges
- \* Hoses, couplers, and hyd. oil as needed
- \* Mounted & fully operational
- \* One year warranty

## 1) Universal BH-11-43L HDP MBT/RTE power reversible snow plow...(or Equivalent)

- \* 11ft. plow length
- \* 43in. plow height (48" approx. height when measured with 6" cutting blade and trip cutting edge)
- \* 10ga. moldboard thickness
- \* Loop hitch, plow portion
- \* **Heavy Duty Push frame**, constructed with ½" thick steel and **112" long**, **eight ½" ribs fully welded**, six main  
**hinge points with the furthest hinge point extending about 10" from the end of the plow**
- \* **One heavy duty 4" x 13" power reversing cylinder** w/ **2" Nitrited Rod** & brass bushing and grease zerks at live  
end of cylinder for extended wear / cylinder is mounted above the pushframe
- \* **Cushion valve to protect the reversing cylinder, installed on front bumper**
- \* **Moldboard Trip/Trip Edge Combination**, four (4) heavy duty adjustable moldboard trip extension springs  
made of 9/16" wire & to be adjustable w/ hand tools and five (5) trip edge torsion springs
- \* **RTE=Trip edge springs are individually removable for ease of servicing the springs**
- \* **A-Frame pivot pin is 2" in diameter and runs thru a total of 8¾" of bushing length**
- \* **A-frame to support push frame pivot on 2-sides and is greaseable**
- \* Plow to be fully welded
- \* Std. ½" x 3" x 4" lower trip edge angle
- \* **Std. 5/8" x 8" x 11' cutting edge** with standard AASHO punch (pre drilled holes for carbide blades)
- \* **Std. Rubber snow flap, 3-ply, ½" thick x 12" wide, installed**
- \* **Std. Plow end markers, red cable type, 27"**
- \* **Std. Crank adjustable parking stand**
- \* Primed & Painted **Std. Black**
- \* Include hoses & couplers as needed
- \* To be mounted & fully operational

- \* One year warranty

### 1) Universal Truck Portion of Pin & Loop style hitch...(or Equivalent)

- \* 3/8" x 4" x 12" x 81" heavy duty bumper, full length
- \* 3" x 10" **Single Acting** lift cylinder with **Nitrated rod**
- \* Painted & fully operational
- \* One year warranty

### 1) Universal AHW/UTF 9' RTE Wing: (front mount)...(or Equivalent)

- \* **Uni-Tilt wing post assy.**
- \* All hydraulic "No cables"
- \* **9ft. moldboard length**
- \* **30in. moldboard height**
- \* **3/16in. moldboard thickness**
- \* **RTE=Trip edge springs are individually removable for ease of servicing the springs**
- \* Std. 3/4" x 3 1/2" x 5" upper trip edge angle & Std. 1/2" x 3" x 4" lower trip edge angle
- \* Eight (8) 1/2" ribs, fully welded
- \* 1 1/2" main pivot bolt
- \* 10" float at the toe / Floating link arm at the heel
- \* 3 1/2" toe cylinder w/ 2" **Nitrated** rod
- \* 4" x 13" heel cylinder w/ 2" **Nitrated** rod, **"D-cell type"** (wing cylinder decelerates before wing comes up against truck)
- \* Four (4) 1" thick horizontal floating links / Two (2) 3/4" thick vertical connecting links
- \* Four (4) 1 1/2" link bolts with 8" bushings and grease zerks / 1/2" thick mounting for the slab
- \* 1/2" x 4" x 6" rectangular front tube assy. (welded to Uni-Tilt mast assy. & runs through both front cheek plates)
- \* **Safety chain at the toe**
- \* **Safety chain with rear stop (includes rubber/steel stop pad)**
- \* **Adjustable spring cushioned push beam with shear pin**
- \* **Std. 5/8" x 8" x 9' cutting edge with standard AASHO punch (pre drilled holes for carbide blades)**
- \* **Adjustable air bag kit with in cab controller**
- \* **Install wing toe & heel lock valves**
- \* Primed & Painted **Std. Black**
- \* One year warranty

### 1) Misc. Lights...(or Equivalent)

- \* One (1) Federal Signal LED Highlighter (**model 454101HL-25**), center cabshield mounted with branch guard
- \* Two (2) Whelen 5G series LED warning lights in the rear of the box, rubber grommet mount
- \* One set of Hella 191/201 front mounted halogen type snow plowing lights with signals, high & low beams

**std. install off cowling of truck hood with custom-made stainless-steel mounting brackets**

**\* One (1) LED wing work light (MWL-20)**

**\* Wire all lights and vibrator to factory truck switches**

**Option: Painted steel Dump Body to match Cab in lieu of unpainted Stainless Steel**

**Cannot take delivery or make payment until after January 1, 2022**

