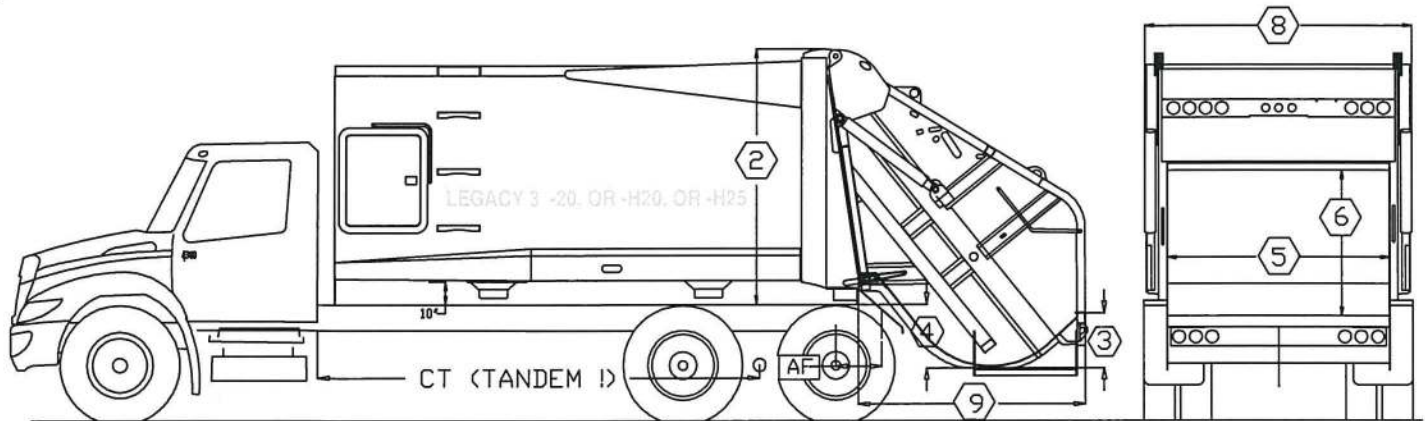


# LOADMASTER

## LEGACY 3 on TANDEM's

mid range rearloader  
on Tandem Axle Chassis'



| DIMENSIONAL SPECIFICATIONS |                                       | LEGACY "SHORTS"...(aka "H" bodies) |                    |
|----------------------------|---------------------------------------|------------------------------------|--------------------|
| 1                          | BODY VOLUME (& "TYPE") →              | 20 YD <sup>3</sup>                 | 25 YD <sup>3</sup> |
| 2                          | HEIGHT ABOVE CHASSIS FRAME            | 90                                 | 95 1/2             |
| 3                          | DEPTH OF HOPPER                       | 19                                 | 19                 |
| 4                          | HOPPER BELOW CHASSIS FRAME            | 25 1/2                             | 25 1/2             |
| 5                          | HOPPER INSIDE WIDTH                   | 80                                 | 80                 |
| 6                          | HOPPER OPENING HEIGHT                 | 60                                 | 60                 |
| 7                          | OVERALL LENGTH                        | 298                                | 247                |
| 8                          | OVERALL WIDTH                         | 96                                 | 96                 |
| 9                          | REAR OF BODY TO REAR OF TAILGATE      | 80                                 | 75                 |
| 10                         | APPROX BODY WEIGHT                    | 12,900 LBS                         | 13,100 LBS         |
| 11                         | LOAD SILL BELOW CHASSIS FRAME         | 2 1/2 INCH                         | 2 1/2 INCH         |
| 12                         | HOPPER CAPACITY                       | 3 YD <sup>3</sup>                  | 3 YD <sup>3</sup>  |
| 13                         | HEIGHT ABOVE FRAME (WITH GATE RAISED) | 174                                | 174                |

This Product Data Sheet is ONLY ONLY for Legacy's that are to be mounted on TANDEM axle Chassis.

FOR ANY "20/ 25 YARD" LEGACY 3....MOUNTED ON A "TANDEM" CHASSIS

A) "ORDER" THE OPTION CALLED "1 1/2" LOWER'D LOADSILL" < OPTION 3311023 >

B) ORDER ALSO SPECIAL XTRA LONG TANDEM-STYLE "SPILL" CHUTE 0022041

| !! TANDEM AXLE !!              |  | CHASSIS RECOMMENDATIONS |                    |                   |                      |
|--------------------------------|--|-------------------------|--------------------|-------------------|----------------------|
|                                |  | MINIMUM GVWR            | MINIMUM FRONT GAWR | MINIMUM REAR GAWR | MINIMUM [CT] [AF]    |
| 20 YD <sup>3</sup>             |  | 42,000                  | 10,000             | 32,000            | 150" MIN<br>156" MAX |
| (H) "SHORT" 20 YD <sup>3</sup> |  | 42,000                  | 10,000             | 32,000            | 134" MIN<br>138" MAX |
| (H) "SHORT" 25 YD <sup>3</sup> |  | 46,000                  | 10,000             | 36,000            | 156" MIN<br>160" MAX |

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## LEGACY 3 on Tandem Axle Chassis "BASE-PRODUCT" SPECS

### Material Specifications-Body ( 20 & Short H20, Short H25)

|   |                                |
|---|--------------------------------|
| Body sides  | 8 ga. Gr80 high tensile        |
| Body floor  | 7 ga. high tensile             |
| Body roof   | 10 ga. high tensile            |
| Floor longitudinals   | 3" x 10" x 3/16" boxed channel |
| Ejector's track channel                                     | 1/4" "hat" channel- elevated   |
| Body structural upgrades available (thicknesses and alloys) |                                |

### Material Specifications-Tailgate (3-yard hopper)

|   |                                    |
|---|------------------------------------|
| Lower tailgate sides  | 3/16" T-1 (150ksi yield)           |
| Upper tailgate sides  | 7 ga. high tensile in "sweep" zone |
|   | 10ga. high tensile above           |
| Hopper floor  | 3/16" T-1 alloy                    |
| Separator panel   | 3/16" AR235 abrasion resistant     |
| Tailgate structural upgrades available (thicknesses and alloys) |                                    |

### Material Specifications-Blades

|                          |   |
|--------------------------|---|
| Ejector's face panel     | 10 ga. high tensile (3/16" gr50 for Short body's) |
| Ejector's reinforces     | 1/4" high tensile                                 |
| Ejector's shoes          | UHMW polyethylene                                 |
| Sweep's face panel       | 3/16" T-1 alloy (150ksi yield)                    |
| Sweep pusharms           | 1/2" high tensile                                 |
| Slide face blade         | 7 ga. high tensile                                |
| Blade's wrist pin & axle | 2 1/2" medium carbon cold finished                |
| Slider's shoeing         | 3/8" thick aluminum-bronze                        |

(Note: for the "H" body (short) Legacy3 Ejector material specs...see the Excel-S ejector materials)

### Hydraulic Specifications

|                     |   |                         |                           |
|---------------------|---|-------------------------|---------------------------|
| Reservoir           | 30 gallon (36 gallon for the "H" Body's ) | Sweep cylinders (2)     | 4 1/2" bore               |
| Pump                | Direct-couple PTO-OR-crank driven (Front) | Slider cylinders (2)    | 4 1/2" bore               |
| Pump flow           | 30-33 gallons per minute                  | Gate lift cylinders (2) | 3 1/2" single acting      |
| Max system pressure | 3200 psi                                  | Ejector telescopic (1)  | 4-stage (6.5/5.5/4.5/3.5) |
| Suction filter      | 100 mesh                                  | Body-mounted valve      | 2 function sectional      |
| Return filter       | 15 micron <i>microglass</i> tank-top      | Tailgate-mtd. valve     | 2 function sectional      |

### Electrical Specifications

|                  |                               |          |                                |
|------------------|-------------------------------|----------|--------------------------------|
| Wire             | 14ga sxl                      | Switches | "grouped rockers; in cab panel |
| Wire identifiers | color & function labeling     | Lights   | LED grommet-mounted style      |
| Harnessing       | multi-section; braid covering |          | (except BackUp lights...       |
| Harness connects | Deutsch aircraft type         |          | Back-Up LED is a Option)       |
| Wire connects    | heat shrink sealed            |          |                                |

### Some standard features

|                                    |                                       |
|------------------------------------|---------------------------------------|
| Epoxy primer paint                 | Regeneration for Slider "down" travel |
| Undercoating                       | Cushioned slide and sweep cylinders   |
| Manual tailgate turnbuckle latches | Fully accessorized oil reservoir      |
| Body access door with ladder       | Bolt-on riding steps                  |
| Full complement of lights          | Rear tailgate-mounted mudflaps        |
| Quick change shoeing               | Color coded control levers            |

### Some available options

|                                      |  |
|--------------------------------------|--|
| Hot shift and air shift PTOs         | Tool box                                   |
| Work lights/ Strobe lights           | "Customer-preferred" choices               |
| "ClearStep" Roll Bar (3 yard)        | Lower'd Load-Sill (1-1/2" <i>lower'd</i> ) |
| Drum winch for containers            |  |
| Roof-mtd. cable-reever ("2-10")      | Automatic Tailgate Locks Option            |
| Cart Tipper hydrau circuits & instal | Sling-Lift (2 yard) for containers         |



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