LEGACY



LOADMASTER

"THE TRADITIONAL CHOICE FOR RELIABILITY & PERFORMANCE"



Ejection Blade

The curved ejection blade rides on six "UHMW" polyethylene wear shoes. Blade guides are closed channels welded to the inside body sidewalls, up above the dirt and grit which can accumulate on the floor, for extended shoe life and low maintenance.



Compaction Blades

The strong clean rugged design of the Legacy blades are also the easiest in the industry to remove and maintain. Loadmaster engineers designed the blades to run on large uhmw plastic guide shoes for minimal wear and long life. Compact and sweep cylinders are internally "cushioned" for smoother quieter operation.



Wiring

Loadmaster believes it has the finest wiring in the industry. All main connectors are "aircraft" type. Each wire has its function printed on the wire itself. Your mechanic should not have to go back and forth with his voltage meter wondering where each wire goes. It's clearly labeled on each wire at the connector!! All wires are enclosed in a breathable, protective, heavy nylon loom covering. Certain optional accessories are provided for in each loom.



Hydraulic Controls

Controls are located in a comfortable location, mounted in machined "UHMW" polyethylene, for a more smooth wear resistant vibration dampened operation.



Body Side Door

The Legacy side door provides a large convenient maintenance access. The attractive body contoured door has large grab handles to help enter and exit the compactor body. Side door access ladder provided. Hidden hinges to eliminate rust.



Optional Container "Kick" Bar

Loadmaster has several dump options available. Here you see a 2-10 option and a kick-bar.



Tailgate Locks

Loadmaster offers both heavy duty "turnbuckle" style and automatic hydraulic tailgate locks. Our tailgate lift cylinders have large oversize push rods, with built in restrictors, to slow the drop speed of the truck tailgate. The tailgate seal is a tough 70 durometer.



Body Side Walls

The Legacy utilizes clean curved pre-stressed body side walls. Your logo will display beautifully, your maintenance staff will love to clean it, your customers will admire it. Elimination of the old style vertical rib reduces rust's ability to destroy the vehicle's strength and appearance.



Hydraulic Cylinders

Loadmaster utilizes the most advanced design available in its cylinders. We take great pride in the technology and components from which our cylinders are constructed. We could not possibly describe our cylinders in this short paragraph. Call and ask us for a complete description.

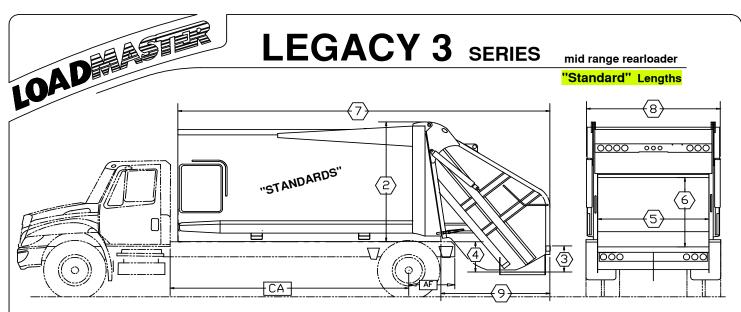
Distributed by:

LOADM

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Proudly made in Norway, Michigan, U.S.A.



This Product Data Sheet is ONLY for "STANDARD" length Legacy's (on Single Rear Axle chassis)

DIMENSIONAL SPECIFICATIONS for "STANDARD" length LEGACY's						
1 AVAILABLE BODY VOLUMES ->	լ 11 YD ³	13 YD ³	16 YD ³	18 YD ³	20 YD ³	
2 HEIGHT ABOVE CHASSIS FRAME	92	92	92	92	92	
3 DEPTH OF HOPPER	19	19	19	19	19	
4 HOPPER BELOW CHASSIS FRAME	25 1/2	25 1/2	25 1/2	25 1/2	25 1/2	
5 HOPPER INSIDE WIDTH	80	80	80	80	80	
6 HOPPER OPENING HEIGHT	60	60	60	60	60	
7 OVERALL LENGTH	193	213	236	251	266	
8 OVERALL WIDTH	96	96	96	96	96	
9 REAR OF BODY TO REAR OF TAILGATE	81	81	81	81	81	
10 APPROX BODY WEIGHT	10,800 LBS	11,200 LBS	11,700 LBS	12,000 LBS	12,400 LBS	
11 LOAD SILL BELOW CHASSIS FRAME	2 1/2 INCH	2 1/2 INCH	2 1/2 INCH	2 1/2 INCH	2 1/2 INCH	
12 HOPPER CAPACITY	3 YD 3	3 YD3	3 YD 3	3 YD ³	3 YD 3	
13 HEIGHT ABOVE FRAME (WITH GATE RAISED)	174	174	174	174	174	

Employ ONLY 22.5 inch wheels & tires for any Legacy3 (do not spec 19.5 inch)

If the Legacy 20 is to be a "rare" TANDEM AXLE Chassis...see separate Product Data Sheet LOADMASTER reserves the right to revise product specifications and without obligation.

CHASSIS RECOMMENDATIONS for STANDARD length LEGACY's							
BODY SIZE	MINIMUM GVWR	MINIMUM FRONT GAWR	MINIMUM REAR GAWR	CA	MINIMUM AF		
11 YD 3	26,000	8,000	18,000	98"	34"		
13 YD ³	26,000	8,000	18,000	118"	34"		
16 YD 3	27,000	9,000	18,000	140"	34"		
18 YD 3	30,000	9,000	21,000	154"	34"		
20 YD 3	33,000	10,000	23,000	168"	34"		

THIS Product Data Sheet is ONLY for "STANDARD" Length Legacy's See "separate" Data Sheet for "short" lengths. (and see "separate" Data Sheet for a tandem chassis)

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This DATA SHEET is solely for Single Rear Axles

For "CA"...assure $\underline{\text{Clear \& Useable}}\ \dots$ per this info.

(If EXHAUST stack is "consuming" space... then "account" for EXHAUST when you are "spec'ing" the Chassis.)

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FEB 01, 2015

Material Specifications-Body

8 ga. high tensile (gr 80) Body sides Body floor 7 ga. high tensile 10 ga. high tensile Body roof

3" x 10" x 3/16" boxed channel Floor longitudinals Ejector's track channel 4" "hat" channel- elevated

Many Body structural upgrades available (thicknesses and alloys)

Material Specifications-Tailgate (3-yard hopper)

Lower tailgate sides 3/16" T-1 (150ksi yield)

7 ga. high tensile in "sweep" zone Upper tailgate sides

10ga. high tensile above

Hopper floor 3/16" T-1 alloy

Separator panel 3/16" AR235 abrasion resistant

Many Tailgate *structural* upgrades available (thicknesses, alloys)

Material Specifications-Blades

Ejector's face panel 10 ga. high tensile Ejector's reinforces 1/4" high tensile

UHMW polyethylene main shoes w/ UHMW poly yaw & pitch shoes Ejector's shoes

Sweep's face panel 3/16" T-1 alloy (150ksi yield)

1/2" high tensile Sweep pusharms Slide face blade 7 ga. high tensile

Blade's wrist pin & axle 2 1/2" med-carb; induction-hardened; with Hard Bushed sweep's wrist pivot

Slider's shoeing durable NYLATRON NSM (a "engineering-grade" polymer)

Hydraulic Specifications

4 1/2" bore 30 gallon Sweep cylinders (2) Reservoir Direct-couple PTO- or- crank driven Front Pump Pump

30-33 gallons per minute Pump flow

Max system pressure 3200 psi Suction filter 100 mesh

Return filter 15 micron *microglass* tank-top Slider cylinders (2) 4 1/2" bore

3 1/2" single acting Gate lift cylinders (2) Ejector tellescopic (1) 4-stage (6.5/5.5/4.5/3.5) Body-mounted valve 2 function sectional Tailgate-mtd. valve 2 function sectional

Electrical Specifications

14ga sxl Wire **Switches** "grouped" rockers; in cab panel Wire identifiers color & function labeling Lights LED grommet-mounted style

multi-section; braid covering Harnessing

Deutsch aircraft type Harness connects Wire connects heat shrink sealed

Some standard features

Epoxy primer paint Chromed cylinder rods Regeneration (slider down function)

Cushioned slide and sweep cylinders Undercoating

Manual tailgate turnbuckle latches Fully accessorized oil reservoir

Body access door with ladder Bolt-on riding steps

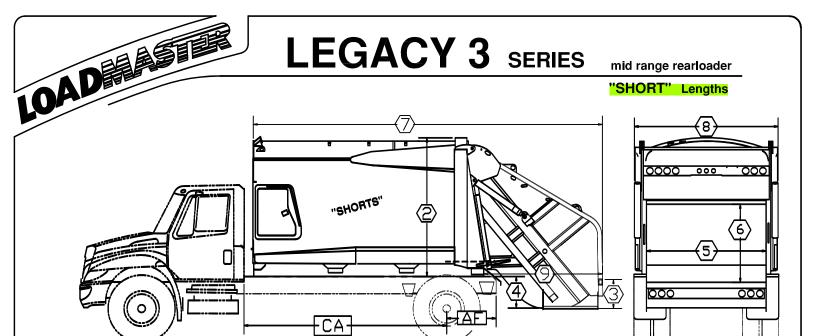
Rear tailgate-mounted mudflaps Full complement of lights Quick change shoeing Color coded control levers

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" lower'd) Body sump "Clean Out door(s)" Drum winch for containers Roof-mtd. cable-reever ("2-10") **Automatic Tailgate Locks Option** Cart Tipper hydrau circuits & installs Sling-Lift (2 yard) for containers

<Legacy3 "Standard Lengths" data sheet FEB '15>



This Product Data Sheet is ONLY for "SHORT" length Legacy's (on Single Rear Axle chassis)

	DIMENSIONAL SPECIFICATIONS for SHORT length LEGACY's						
1	AVAILABLE BODY VOLUMES->	\$16 YD ³	\$18 YD ³	\$ 20 YD ³	\$25 YD ³		
(2)	HEIGHT ABOVE CHASSIS FRAME	95 1/2	95 1/2	95 1/2	95 1/2		
3	DEPTH OF HOPPER	19	19	19	19		
4	HOPPER BELOW CHASSIS FRAME	25 1/2	25 1/2	25 1/2	25 1/2		
(5)	HOPPER INSIDE WIDTH	80	80	80	80		
6	HOPPER OPENING HEIGHT	60	60	60	60		
(7)	OVERALL LENGTH	221	238	249	271		
8	OVERALL WIDTH	96	96	96	96		
9	REAR OF BODY TO REAR OF TAILGATE	81	81	81	81		
10	APPROX BODY WEIGHT	12,100 LBS	12,300 LBS	12,700 LBS	13,400 LBS		
11	LOAD SILL BELOW CHASSIS FRAME	2 1/2 INCH	2 1/2 INCH	2 1/2 INCH	2 1/2 INCH		
12	HOPPER CAPACITY	3 AD 3	3 AD 3	3 AD 3	3 AD 3		
13	HEIGHT ABOVE FRAME (WITH GATE RAISED)	174	174	174	174		

Employ ONLY 22.5 inch wheels & tires for any Legacy3 (do not spec 19.5 inch)

Recommended Rear Tires for the "25S yard (only)" is 315R80-22.5 (if chassis is a S.R.A.) If the Legacy 25S (or 20S) are to be "rare" TANDEM AXLE Chassis....see separate Product Data Sheet

LOADMASTER reserves the right to revise product specifications and without obligation.

CHASSIS RECOMMENDATIONS for SHORT length LEGACY's							
BODY SIZE	MINIMUM GVWR	MINIMUM FRONT GAWR	MINIMUM REAR GAWR	CA	MINIMUM AF		
(S) 16 YD (3)	30,000	9,000	21,000	128"	34"		
(S) 18 YD (3)	30,000	9,000	21,000	140"	34"		
\$ 20 YD 3	33,000	10,000	23,000	152"	34"		
(S) 25 YD (3)	39,000	12,000	27,000	170"	34"		

THIS Product Data Sheet is ONLY for "SHORT" Length Legacy's

See "separate" Data Sheet for "standard" lengths. (and see "separate" Data Sheet for a tandem chassis)

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This DATA SHEET is solely for Single Rear Axles

This DATA STILLT is solely for Single Real Axies

For "CA"...assure Clear & Useable ... per this info.

(If EXHAUST stack is "consuming" space...
then "account" for EXHAUST when you are
"specing" the Chassis.)

LOADMASTER

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MAY 01, 2015

LEGACY 3 "BASE-PRODUCT" SPECIFICATIONS (16S, 18S, 20S, 25S VOLUMES ... "SHORT" Lengths)

Material Specifications-Body

Body sides 8 ga. high tensile (gr **80**)
Body floor 7 ga. high tensile
Body roof 8 ga. high tensile (gr **80**)
Floor longitudinals
Ejector's track channel

4" "hat" channel- elevated

Many 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

Many Tailgate *structural* upgrades available (thicknesses, alloys)

Material Specifications-Blades

Ejector's face panel HD rolled 3/16" Plate... 50KSI high tensile

Ejector's reinforces ¼" high tensile

Ejector's shoes UHMW polyethylene main shoes w/ NYLATRON GSM yaw & pitch shoes

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" med-carb; induction-hardened; with Hard Bushed sweep's wrist pivot

Slider's shoeing durable NYLATRON NSM (a "engineering-grade" polymer)

Hydraulic Specifications

Reservoir 36 gallon Sweep cylinders (2) 4 ½" bore Pump Direct-couple PTO- or- crank driven Front Pump Slider cylinders (2) 4 ½" bore

30-33 gallons per minute 3 1/2" single acting Pump flow Gate lift cylinders (2) Max system pressure Ejector tellescopic (1) 4-stage (6.5/5.5/4.5/3.5) 3200 psi Suction filter 100 mesh Body-mounted valve 2 function sectional Return filter 15 micron microglass tank-top Tailgate-mtd. valve 2 function sectional

(Note: 3-stage telescopic used for 16S and 18S...6.5/ 5.5/ 4.5)

Electrical Specifications

Wire 14ga sxl Switches "grouped" rockers; in cab panel Lights LED grommet-mounted style

Harnessing multi-section; braid covering

Harness connects Deutsch aircraft type Wire connects heat shrink sealed

Some standard features

Epoxy primer paint Chromed cylinder rods Regeneration (slider down function)

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)

Drum winch for containers

Roof-mtd. cable-reever ("2-10")

Cart Tipper hydrau circuits & instal

"Customer-preferred" choices

Lower'd Load-Sill (1-1/2" lower'd)

Body sump "Clean Out door(s)"

Automatic Tailgate Locks Option

Sling-Lift (2 yard) for containers

<Legacy3 SHORTS PDS PG2 MAY01 '15>

DIMENSIONAL SPECIFICA	LEGACY "SHORTS"(aka "H" bodies)		
1 BODY VOLUME (& "TYPE") → 1 20 YD		(H) 20 YD 3	⊕ 25 YD 3
(2) HEIGHT ABOVE CHASSIS FRAME	90	95 1/2	95 1/2
3 DEPTH OF HOPPER	19	19	19
4 HOPPER BELOW CHASSIS FRAME	25 1/2	25 1/2	25 1/2
5 HOPPER INSIDE WIDTH	80	80	80
6 HOPPER OPENING HEIGHT	60	60	60
7 OVERALL LENGTH	298	247	268
8 OVERALL WIDTH	96	96	96
(9) REAR OF BODY TO REAR OF TAILGATE	80	75	75
10 APPROX BODY WEIGHT	12,900 LBS	12,300 LBS	13,100 LBS
11 LOAD SILL BELOW CHASSIS FRAME	2 1/2 INCH	2 1/2 INCH	2 1/2 INCH
12 HOPPER CAPACITY	3 YD3	3 YD3	3 YD3
13 HEIGHT ABOVE FRAME (WITH GATE RAISED)	174	174	174
	LEGACY "SHORTS"(aka "H" bodies)		

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	CT	MINIMUM AF
20 YD3	42,000	10,000	32,000	150" MIN 156" MAX	24"
(H) "SHORT" 20 YD3	42,000	10,000	32,000	134" MIN 138" MAX	24"
® "SHORT" 25 YD3	46,000	10,000	36,000	156" MIN 160" MAX	24"

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For "CT"...assur<u>e Clear & Useable</u> per this info. (If EXHAUST stack is "consuming" space... then "account" for EXHAUST when you are "specing" Chassis.)



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AUG 30, 2010

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

3" x 10" x 3/16" boxed channel Floor longitudinals 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

3/16" AR235 abrasion resistant Separator panel

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

3/16" T-1 alloy (150ksi yield) Sweep's face panel

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

30-33 gallons per minute Gate lift cylinders (2) Pump flow

Max system pressure 3200 psi Suction filter 100 mesh

Return filter 15 micron *microglass* tank-top

3 1/2" single acting Ejector tellescopic (1) 4-stage (6.5/5.5/4.5/3.5) Body-mounted valve 2 function sectional

Tailgate-mtd. valve 2 function sectional

Electrical Specifications

14ga sxl Switches "grouped rockers; in cab panel Wire color & function labeling Wire identifiers Lights LED grommet-mounted style multi-section; braid covering Harnessing

Harness connects Deutsch aircraft type Wire connects heat shrink sealed

(except BackUp lights... Back-Up LED is a Option)

Some standard features

Regeneration for Slider "down" travel Epoxy primer paint Undercoating Cushioned slide and sweep cylinders

Manual tailgate turnbuckle latches Fully accessorized oil reservoir

Body access door with ladder Bolt-on riding steps

Rear tailgate-mounted mudflaps Full complement of lights 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" lower'd)

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