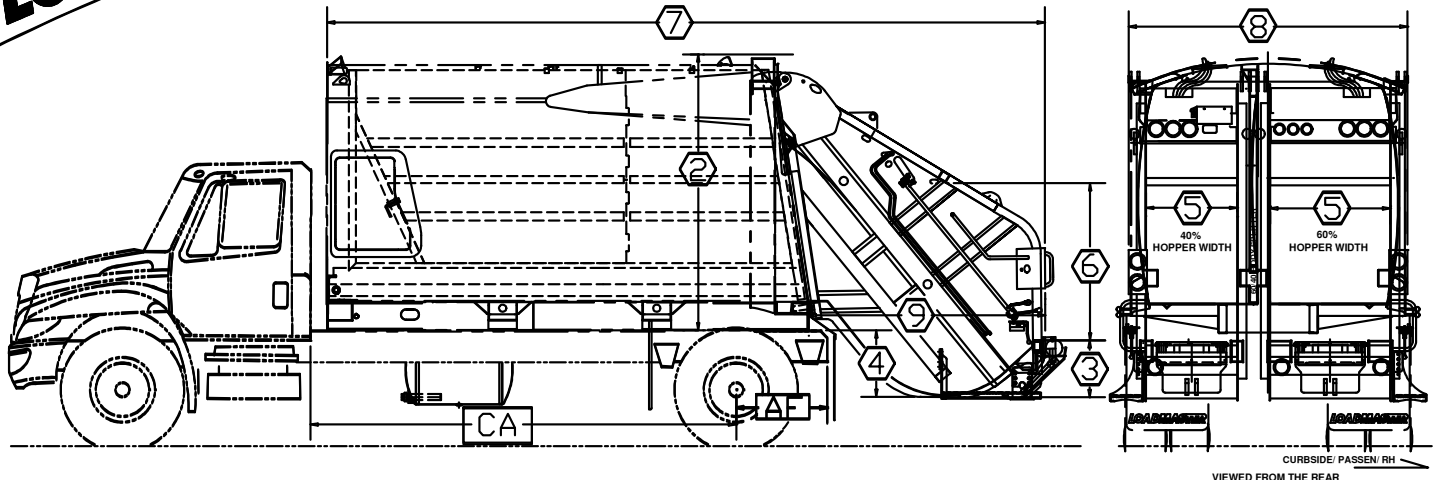




ENVIROMASTER "DT"

HIGH PERFORMANCE DUAL INDEPENDENT TAILGATES style of SPLIT BODY (60/40)



This Product Data Sheet is ONLY for EnviroMaster DTxx on Single Rear Axle chassis
See separate Product Data Sheet for "EM-DT" on TANDEM CHASSIS

VIED FROM THE REAR

DIMENSIONAL SPECIFICATIONS for EnviroMaster "DT"

1	AVAILABLE BODY VOLUMES→	16 YD ³	18 YD ³	20 YD ³	
2	HEIGHT ABOVE CHASSIS FRAME	97 1/2	97 1/2	97 1/2	25 YD ³ & 27 YD ³
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	31 1/2 FOR "40" -and- 41 1/2 FOR "60"			AVAILABLE...BUT DT25 & DT27 MUST BE ON "TANDEM"
6	HOPPER OPENING HEIGHT	58	58	58	SEE "TANDEM" SEPARATE P.D.S.
7	OVERALL LENGTH	222	239	250	
8	OVERALL WIDTH	96	96	96	
9	REAR OF BODY TO REAR OF TAILGATE	82	82	82	THE EM- DT20 CAN ALSO BE ON "TANDEM" CHASS...
10	APPROX BODY WEIGHT	19,100 LBS	19,500 LBS	19,900 LBS	SEE "TANDEM" SEPARATE P.D.S.
11	LOAD SILL BELOW CHASSIS FRAME	2 1/2 INCH	2 1/2 INCH	2 1/2 INCH	
12	HOPPER CAPACITY	1.1 YD ³ FOR "40" -and- 1.7 ³ YD FOR "60"			
13	HEIGHT ABOVE FRAME (WITH GATE RAISED)	174	174	174	

Typically.. the REYCO 102CC HD suspension "can be" spec'd to meet the MIN R-AWR rcmds

Rear Tires will become robust 315R80-22.5 ...to meet MIN R-AWR of 28K / 30K

This PDS 'works" for BOTH Conv Cabs and CabOvers.. but, for CABOVERS add 2000 ls to F-AWR

CHASSIS RECOMMENDATIONS for Single Rear Axle EM-DTxx

BODY SIZE	MINIMUM GVWR	MINIMUM FRONT -AWR	MINIMUM REAR -AWR	CA	MINIMUM AF
EM-DT 16 YD	40,000	12,000	28,000	128"	34"
EM-DT 18 YD	42,000	14,000	28,000	140"	34"
EM-DT 20 YD	45,000	14,000	31,000	152"	34"

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

THIS Product Data Sheet is ONLY for
ENVIROMASTER DT on S.R.A. CHASS

See "separate" Data Sheet for EM-DT on TANDEM chass

This "DATA SHEET" is "informational" only.
Consult with your LOADMASTER dealer
prior to ordering...for final specifications.

This DATA SHEET Is solely for Single Rear Axles

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

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

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ENVIROMASTER "DT" SPLIT BODY... "BASE-PRODUCT STANDARD" SPECIFICATIONS

Material Specifications-Body

Body sides	8 ga. high tensile (gr 80)
Body floor	3/16" thick AR
Body roof	8 ga. high tensile (gr 80)
Floor longitudinals	3" x 10" x 3/16" boxed channel
Ejector's track channel	1/4" "hat" channel- elevated
Many Body <i>structural</i> upgrades available (thicknesses and alloys)	

Material Specifications-Tailgate (60/40)

Lower tailgate sides	3/16" Hardox 450
Upper tailgate sides	3/16" Hardox 450 in "sweep" zone
	10ga. high tensile above
Hopper floor	3/16" Hardox 450 (w/ 1/4" AR shelf "doubler")
Separator panel	3/16" AR235 abrasion resistant
Many Tailgate <i>structural</i> upgrades available (thicknesses, alloys)	

Material Specifications-Blades (both 60 & 40...same)

Ejector's face panel	HD rolled 3/16" Plate... 50KSI high tensile
Ejector's reinforces	1/4" high tensile
Ejector's shoes	durable NYLATRON NSM main high load shoes, 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	60 gallon Frame Rail Mounted	Sweep cylinders (4)	4" bore 60 / 3 1/2 bore 40
Pump	Tandem P365 (two <i>Independent</i> circuits)	Slider cylinders (4)	4 bore 60 / 3 1/2 bore 40
Pump flow	24 GPM (x 2; 48 GPM Total flow)	Gate lift cylinders (4)	3" bore single acting
Max system pressure	3200 psi (60/40 <i>independently</i> adjustable)	Ejector telescopic (2)	4-stage & 3-stage (6.5/5.5/4.5/3.5)
Suction filter	100 mesh	Body-mounted valve (2)	3 function sectional
Return filter	10 micron <i>microglass</i> tank-top	Tailgate-mtd. valve (2)	2 function sectional

Electrical Specifications

Wire	14ga sxl	Switches	"grouped" LED rockers; in cab panel
Wire identifiers	color & function labeling	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	Polymer Flaps behind Rear Axle
Undercoating	Cushioned slide and sweep cylinders	Steel Flaps ahead of Rear Axle
"Spear Thru" gate locks- 2" bore cyls (4)	Fully accessorized oil reservoir	Inboard (only) Remote Greasers are BPS
Body access door with ladder (2)	Bolt-on riding steps	<i>Independent</i> Dual Hydraulics (60 vs 40)
Full complement of LED lights	Gate Locks "2-hands forced" Detent	<i>ThinLine</i> Body Splitter (fights VOL loss)
Quick change shoeing	Color coded controls (both 40 & 60)	Chelsea 890 Extended Shaft PTO

Some of the ...available options

FEPTO tandem pump w/ Dual Wet Valves	Tool holders (shovel and broom typically)
Work lights/ Strobe lights	"Customer-preferred" choices-friendly LM Business Culture
Dual Cart Tipper Hydraulics (DIV & HV style)	Remote Greaser Options
Dual E-stops	NOTE: Typical Can Handling OPTs will NOT work on EM-DTxx

