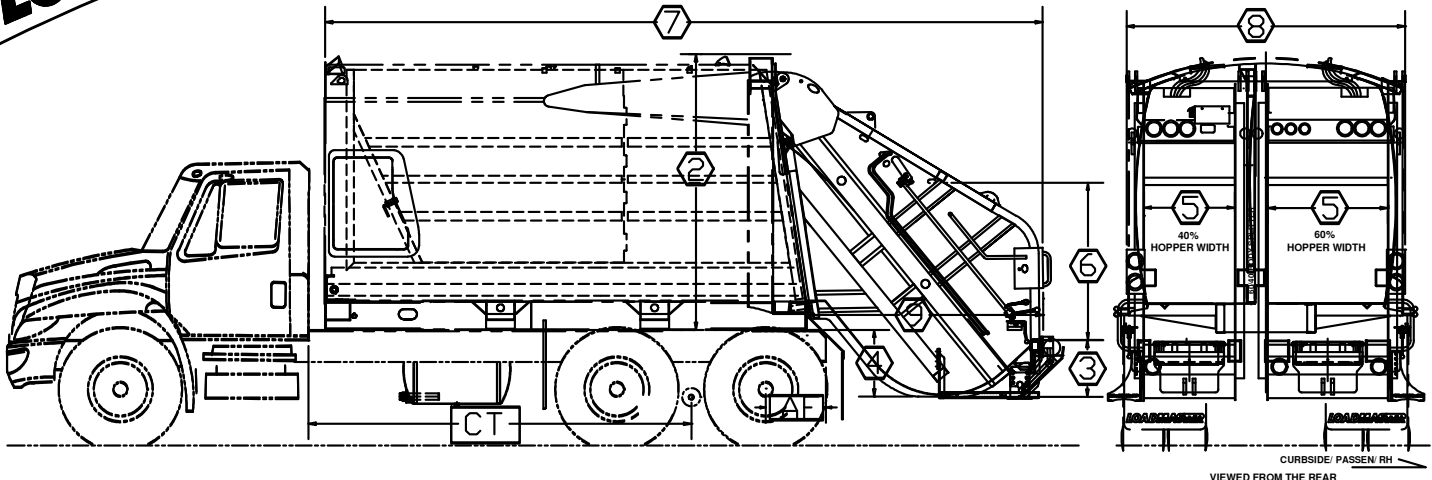


# LOADMASTER

# ENVIROMASTER "DT"

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



This Product Data Sheet is ONLY for EnviroMaster DTxx on TANDEM AXLE chassis  
See separate Product Data Sheet for "EM-DT" on S.R.A. CHASSIS

## DIMENSIONAL SPECIFICATIONS for EnviroMaster "DT"

1	AVAILABLE BODY VOLUMES→	20 YD <sup>3</sup>	25 YD <sup>3</sup>	27 YD <sup>3</sup>
2	HEIGHT ABOVE CHASSIS FRAME	97 1/2	97 1/2	97 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	31 1/2 FOR "40" -and- 41 1/2 FOR "60"		
6	HOPPER OPENING HEIGHT	58	58	58
7	OVERALL LENGTH	250	273	289
8	OVERALL WIDTH	96	96	96
9	REAR OF BODY TO REAR OF TAILGATE	82	82	82
10	APPROX BODY WEIGHT	20,400 LBS	21,100 LBS	21,500 LBS
11	LOAD SILL BELOW CHASSIS FRAME	2 1/2 INCH	2 1/2 INCH	2 1/2 INCH
12	HOPPER CAPACITY	1.1 YD <sup>3</sup> FOR "40" -and- 1.7 <sup>3</sup> YD FOR "60"		
13	HEIGHT ABOVE FRAME (WITH GATE RAISED)	174	174	174

NOTE: It is possible to mount EM- DT20 ON A "SRA" CHASS ... BUT SEE and FOLLOW EXACTLY the SEPARATE "S.R.A." (Single Rear Axle) EM-DT DATA SHEET

This PDS "works" for BOTH Conv Cabs and CabOvers.. but,  
for CABOVERS add 2000 LBS to the charted MINIMUM "F-AWR"

## CHASSIS RECOMMENDATIONS for TANDEM Axle EM-DTxx

BODY SIZE	MINIMUM GVWR	MINIMUM FRONT -AWR	MINIMUM REAR -AWR	CT	MINIMUM AF
EM-DT 20 YD	48,000	12,000	36,000	136"	24"
EM-DT 25 YD	50,000	12,000	38,000	158"	24"
EM-DT 27 YD	52,000	12,000	40,000	170"	24"

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

THIS Product Data Sheet is ONLY for ENVIROMASTER DT TANDEM CHASS

See "separate" Data Sheet for EM-DT on S.R.A. chassis

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

This DATA SHEET is solely for TANDEM chassis

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

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

### LOADMASTER

loadmaster@loadmaster.org  
800-433-2768

100 west eleventh avenue  
po box 186  
Norway, Michigan 49870-0186  
fax 906-563-9800 fax

FEB 01, 2018

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

### Material Specifications-Body

Body sides	8 ga. high tensile (gr <b>80</b> )
Body floor	3/16" thick AR
Body roof	8 ga. high tensile (gr <b>80</b> )
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

