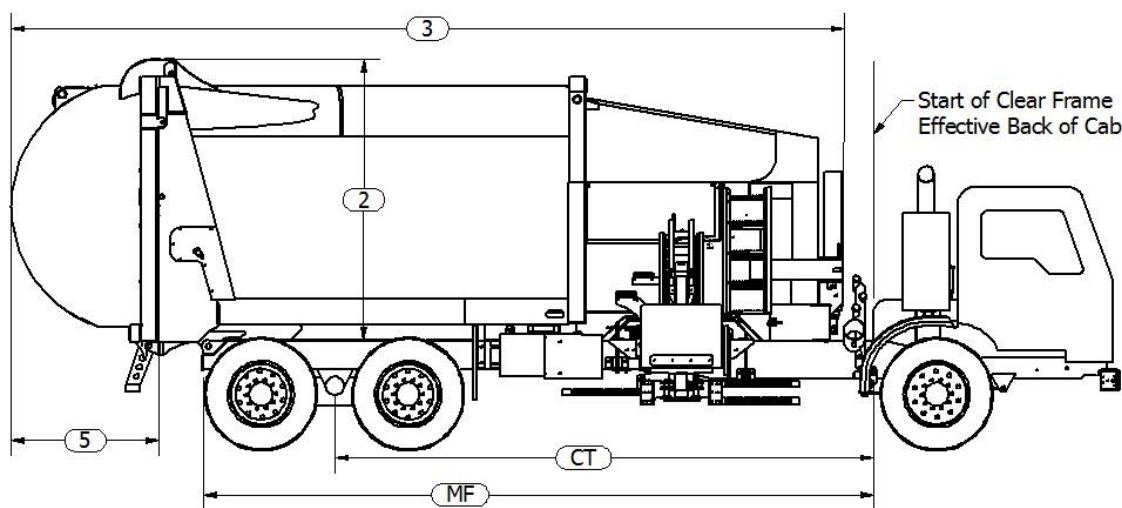




100 9th Ave.  
P.O. Box 186  
Norway MI, 49870  
906.563.9226  
www.loadmaster.org

## *Eclipse Automated Side Loader*

revised: 11/12/2019



### LOADMASTER *Eclipse* DIMENSIONAL SPECIFICATIONS

1 AVAILABLE VOLUMES	25 YD <sup>3</sup>	28 YD <sup>3</sup>	31 YD <sup>3</sup>	34 YD <sup>3</sup>
2 HEIGHT ABOVE FRAME	107"	107"	107"	107"
3 OVERALL LENGTH	270"	294"	315"	335"
4 OVERALL WIDTH	96"	96"	96"	96"
5 BODY TO REAR OF TAILGATE	9"	33"	54"	54"
6 APPROX BODY WEIGHT	16,800 LBS	17,500 LBS	18,400 LBS	18,800 LBS
7 HOPPER CAPACITY	6.4 YD <sup>3</sup>	6.4 YD <sup>3</sup>	6.4 YD <sup>3</sup>	6.4 YD <sup>3</sup>
8 TAILGATE CAPACITY	1 YD <sup>3</sup>	4 YD <sup>3</sup>	7 YD <sup>3</sup>	7 YD <sup>3</sup>
9 BODY (ONLY) CAPACITY	24 YD <sup>3</sup>	24 YD <sup>3</sup>	24 YD <sup>3</sup>	27 YD <sup>3</sup>

### CHASSIS RECOMMENDATIONS FOR *Eclipse*

BODY SIZE	MINIMUM GVWR	MINIMUM FRONT GAWR	MINIMUM REAR GAWR	USABLE CT/CA	MINIMUM REQUIRED FRAME
25 YD <sup>3</sup>	54,000	18,000	36,000	196"	260"
28 YD <sup>3</sup>	58,000	18,000	40,000	200"	260"
31 YD <sup>3</sup>	64,000	20,000	44,000	204"	260"
34 YD <sup>3</sup>	66,000	20,000	46,000	224"	280"

Please contact LOADMASTER for single axle options.



100 9th Ave.  
P.O. Box 186  
Norway MI, 49870  
906.563.9226  
[www.loadmaster.org](http://www.loadmaster.org)

## **Loadmaster Eclipse ASL General Specifications**

### **Hydraulic Specifications:**

Standard hydraulic pump: Permco P360 2" tandem gear driven pump

Combined Hydraulic Flow: 42 gpm @ idle (800 rpm), 61 gpm @ 1,200 rpm

Hydraulic tank oil capacity: 83 gallons

### **Filters and Breathers:**

- Two in tank filters with top tank mounting and twin 25 PSID by-passes
- Standard Filter Elements: Synthetic 10 micron with 108gr containment capacity each
- Hydraulic Tank Breather: Donaldson T.R.A.P. - 3 micron moisture blocking breather
- Suction Strainer: 125 mesh with integral 3 PSID bypass

### **Cylinders:**

- Arm (1): 3 ½" bore, 1 ¾" rod, 19" stroke
- Carriage (2): 2" bore, 1 ½" rod, 54 ½"
- Grabber (1): 2" bore, 1 ¼" rod, 8" stroke
- Packer (2): 4" bore, 3" rod, 56" stroke
- Hoist: (1) 4 stage telescopic, 6" bore; 25, 28 & 31 Yd. Truck -180" stroke, 34Yd. Truck 195" Stroke
- Tailgate – 25 & 28 Yd Truck: (2) 2 ½" bore, 31 & 34 Yd Truck: (2) 3" bore, 1 ¾" rod, 37 ¾" stroke
- Crusher panel (1): 2 ½" bore, 1 ½" rod, 18" stroke

### **ASL materials of construction:**

- Hopper floor: ¼" AR 400
- Hopper sides: 3/16" Hardox 450
- Body sides: 8 GA. GR. 80
- Body floor: 3/16" AR 400
- Roof panel: 8 GA. GR. 80
- Tailgate: 10 GA. AR 250
- Crusher panel: 10 GA. GR. 50
- Packer wear shoe (removable): 3/8" AR 400
- Packer guide weldment (wear strips): AR 400
- Packer Face: ¼" AR 400

## **Additional Chassis Requirements**

### **Clear Frame requirements:**

- Right/Curb Side; Clear from 14" to 148" from back of cab.
  - Optional grabber fingers may increase needed space.
- Left/Street Side; Clear from 48" to 100" behind back of cab.

### **Additional Requirements:**

- Chassis MUST be suitable for a Tip to Dump Side Loader
- Set Idle to 800rpm for best performance
- Dedicated Brake Light Circuit (not shared Brake/Turn only lighting circuits)

### **Peterbilt 520 Front Pump Order Items:**

- Front Pump Specific Radiator and Fan
- 9" bumper extensions
- Through the bumper front recovery shackles
- Bumper with relieved upper turned back edge

- Deviations from stated requirements may incur additional charges.
- Cabs without Joystick mounting provisions may incur an additional charge.

LOADMASTER reserves the right to revise product specifications. This "DATA SHEET" is "informational" only. GAWRs and CT/CA measurements assume a cabover chassis. Consult with your LOADMASTER dealer prior to ordering for final specifications.

**LOADMASTER**

[loadmaster@loadmaster.org](mailto:loadmaster@loadmaster.org)

Phone# 800-433-2768

Fax# 906-563-9800

100 Ninth Ave.

P.O BOX 186

Norway, MI 49870-0186