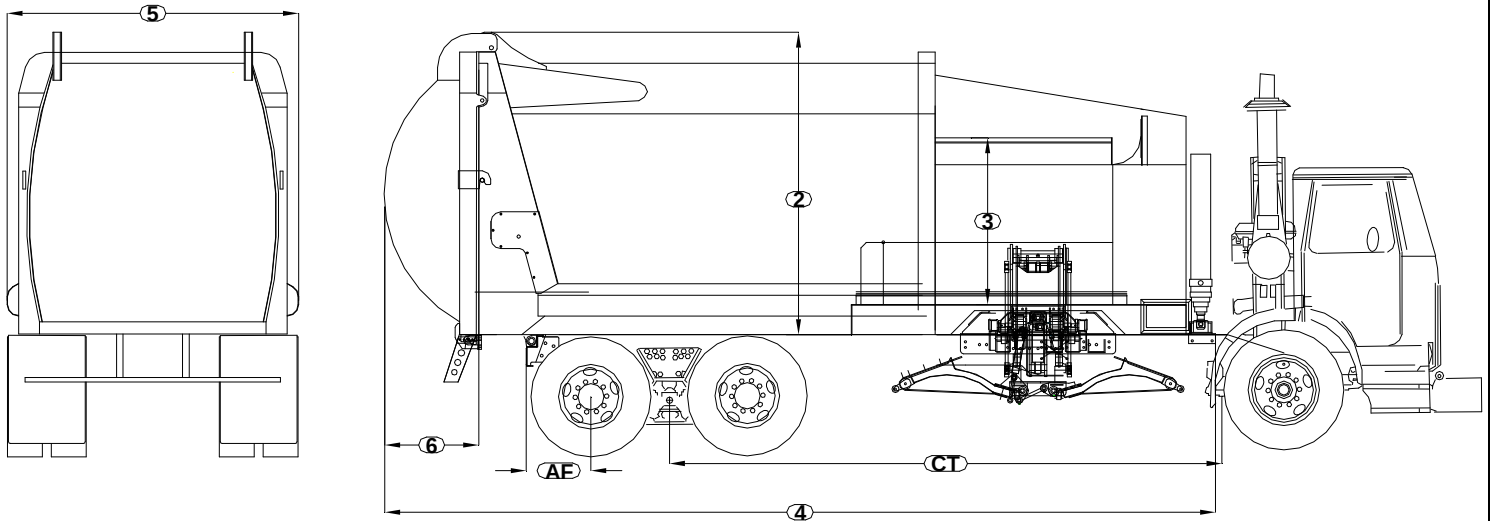


LOADMASTER Eclipse

Automated Side Loaders



LOADMASTER Eclipse DIMENSIONAL SPECIFICATIONS

1 AVAILABLE VOLUMES ➡	25 YD ³	28 YD ³	31 YD ³	34 YD ³
2 HEIGHT ABOVE FRAME	107"	107"	107"	107"
3 DEPTH OF HOPPER	56"	56"	56"	56"
4 OVERALL LENGTH	270"	294"	315"	335"
5 OVERALL WIDTH	96"	96"	96"	96"
6 BODY TO REAR OF TAILGATE	9"	33"	54"	54"
7 APPROX BODY WEIGHT	16,800 LBS	17,500 LBS	18,400 LBS	18,800 LBS
8 HOPPER CAPACITY	5.6 YD ³	5.6 YD ³	5.6 YD ³	5.6 YD ³
9 TAILGATE CAPACITY	1 YD ³	4 YD ³	7 YD ³	7 YD ³
10 BODY (ONLY) CAPACITY	24 YD ³	24 YD ³	24 YD ³	27 YD ³

CHASSIS RECOMMENDATIONS FOR Eclipse

BODY SIZE	MINIMUM GVWR	MINIMUM FRONT GAWR	MINIMUM REAR GAWR	USABLE CT	MINIMUM AF
25 YD ³	58,000	18,000	40,000	196"	27"
28 YD ³	58,000	18,000	40,000	200"	27"
31 YD ³	64,000	20,000	44,000	204"	27"
34 YD ³	66,000	20,000	46,000	224"	27"

ALL CHASSIS MUST BE SET UP FOR FRONT PUMP

LOADMASTER reserves the right to revise product specifications.

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

LOADMASTER

loadmaster@loadmaster.org

Phone# 800-433-2768

Fax# 906-563-9800

100 W. Eleventh Ave.
P.O BOX 186
Norway, MI 49870-0186

February 16th, 2015

LOADMASTER *Eclipse*

Automated Side Loaders

Loadmaster Eclipse ASL General Specifications

Revised 3-31-2016

Hydraulic Specifications:

Hydraulic pump: Permco P360 2" tandem gear driven pump

Hydraulic flow: 42 gpm @ idle (800 rpm)

61 gpm @ 1,200 rpm

Hydraulic tank oil capacity: 83 gallons

Parker "Tough Cover" Hoses – SAE 100R16

Filters and Breathers:

- Two Parker RF4 - in tank filters with top tank mounting
- Two built in 25 psi by-passes
- Parker filter element: 10 micron
- 75 gram contaminant capacity per filter
- Hydraulic Tank Breather: Parker TriCeptor - 3 micron desiccant breather
- Suction Strainer: Stauff - 125 micron (120 mesh) with integral 3 PSID bypass

Cylinders:

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

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