

LOADMASTER™

EDGE

100HC SERIES



Introducing The EDGE rear loader. It's not just a unit, it's an *integrated system* of customer-engineered features.

Created with Computer Aided Design, the EDGE gives you

the best strength-to-weight ratio in the business. There's also the horizontally-mounted telescoping ejector cylinder, to do more work with less force.

The new packing blade on

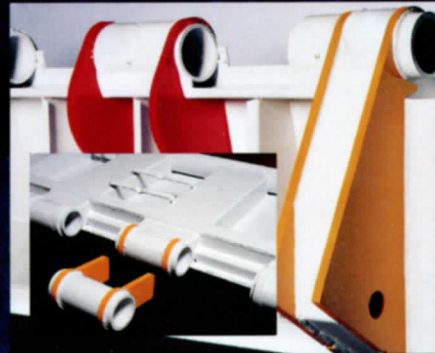
EDGE units packs 1,000 pounds per cubic yard. Combined with our proven SyncPak® valve, it reduces air gaps and empty spaces for fuller, more solid loads. Faster, too, with quick cycle and reload times.



Rear lights are totally recessed for the ultimate in protection against tree limbs and container lids. Larger 7" lights permit better visibility in the dark hours.



The entire hopper area (blue) is constructed of 100,000 psi high-tensile steel for greater strength and a more durable long life. The ten-gauge, high-tensile reinforced steel rear panel makes for even greater strength in the critical compaction area (red) of the body.

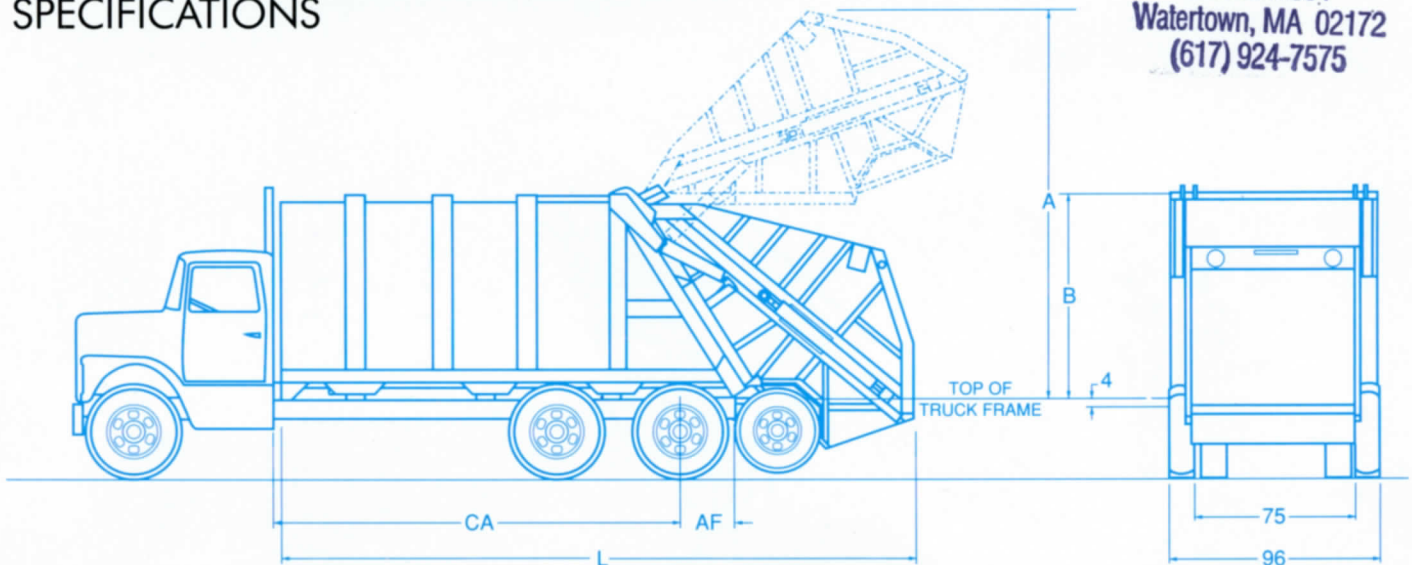


Super-duty blade and carriage section features a reinforced piano-type hinge for long life and performance. (Inset Photo) Hinge tubes are integrated into the carriage section with 1" thick steel inserts.

EDGE HC SERIES

SPECIFICATIONS

CASEY & DUPUIS EQUIP. CORP.
340 Pleasant Street
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BODY CONSTRUCTION

Floor	10 gauge (3.416 mm)	50,000 PSI (3,516 Kg/cm ²)
Side Walls	11 gauge (3.038 mm)	50,000 PSI (3,516 Kg/cm ²)
Roof	11 gauge (3.038 mm)	50,000 PSI (3,516 Kg/cm ²)
Ejector Panel	11 gauge (3.038 mm)	50,000 PSI (3,516 Kg/cm ²)
Rear Side Wall	10 gauge (3.416 mm)	50,000 PSI (3,516 Kg/cm ²)

BODY SPECIFICATIONS

Model	LM-118 HC	LM-120 HC	LM-120 HCT
Capacity	18 yd ³ (13.7m ³)	20 yd ³ (15.3m ³)	20 yd ³ (15.3m ³)
A	177" (449.6 cm)	177" (449.6 cm)	177" (449.6 cm)
B	97" (246.4 cm)	97" (246.4 cm)	97" (246.4 cm)
L	248" (629.9 cm)	254" (645.2 cm)	254" (645.2 cm)
CA (MIN)*	132" (335.3 cm)	138" (350.5 cm)	151" (383.5 cm)
CA (MAX)	151" (383.5 cm)	154" (391.1 cm)	157" (398.8 cm)
AF	42" (106.7 cm)	42" (106.7 cm)	29" (73.7 cm)
CA W/TAG	134" (340.4 cm)	140" (355.6 cm)	140" (355.6 cm)
AF W/TAG	38" (96.5 cm)	38" (96.5 cm)	38" (96.5 cm)

Approx Gr. Weight 13,100 lbs (5,942 Kg) 13,200 lbs (5,988 Kg) 13,200 lbs (5,988 Kg)

Model	LM-125 HCT	LM-131 HCT
Capacity	25 yd ³ (19.1m ³)	31 yd ³ (23.7m ³)
A	177" (449.6 cm)	177" (449.6 cm)
B	97" (246.4 cm)	97" (246.4 cm)
L	288" (731.5 cm)	318" (807.7 cm)
CA (MIN)*	171" (434.3 cm)	201" (510.5 cm)
CA (MAX)	191" (485 cm)	221" (561.3 cm)
AF	43" (109.2 cm)	43" (109.2 cm)
CA W/TAG	174" (441.9 cm)	204" (518.2 cm)
AF W/TAG	38" (96.5 cm)	38" (96.5 cm)

Approx Gr. Weight 14,200 (6441 Kg) 15,400 (6985 Kg)

*Estimated—may not be acceptable pending chassis weight distribution.
For tandem chassis, CA dimension is to center of rear most wheel.

TAILGATE CONSTRUCTION

Hopper Floor	1/4" (6.35 mm)	100,000 PSI (7,032 Kg/cm ²)
Side Walls	3/16" (4.76 mm)	100,000 PSI (7,032 Kg/cm ²)
Packing Plate	3/16" (4.76 mm)	100,000 PSI (7,032 Kg/cm ²)

TAILGATE SPECIFICATIONS

Capacity (TBEA Rated)	2.9 yd ³ (2.22 m ³)
Loading Height	4" (10.2 cm) below top of chassis frame
Hopper Width	75" (190.5 cm)
Hopper Depth	16.38" (39.05 cm)
Hopper Opening Height	60" (152.4 cm)
Cycle Time	28-30 seconds
Reload Time	11-13 seconds

HYDRAULIC SYSTEM CYLINDERS

Packer Panel (2) (Inside)	5 1/2" (140 mm) bore
Packing (2) (Outside)	5 1/2" (140 mm) bore
Ejection (1) (LM118, LM120, LM125)	6 1/2" (165 mm) bore
Ejection (1) (LM131)	7 1/2" (191 mm) bore
Tailgate Lift (2)	5 1/2" (140 mm) bore

CYLINDER FORCES

Ejection (LM118, LM120, LM125)	61,389 LBS (27,846 Kg)
Ejection (LM131)	81,731 LBS (37,073 Kg)
T/G Lift	43,952 LBS (19,937 Kg) ea. cyl.
Panel	40,338 LBS (18,320 Kg) ea. cyl.
Packing	40,338 LBS (18,320 Kg) ea. cyl.
1-2 Yd. Lift	26,244 LBS (11,904 Kg)
2-10 Yd. Lift	43,952 LBS (19,937 Kg)

HYDRAULIC SYSTEM SPECIFICATIONS

Pump	Gear, 47 GPM (178 liters/min) @ 1,200 RPM
Max. Operating Pressure	1,850 PSI (130.07 Kg/cm ²)
Oil Reservoir	70 Gal. (265 liters)
Filter	140 micron suction 10 micron return
Valves	Multiple balanced spool type, with adjustable cartridge relief

OPERATING CONTROLS

Packing	Dual lever located on right rear of T/G
Tailgate Raise/Lower	Inside left front corner of body
Ejection	Inside left front corner of body
PTO	Located in cab, operated by driver
Warning Buzzer	One switch, each side @ rear of T/G, wired to buzzer in cab
Container System	Single lever located on right rear of T/G

OPTIONAL EQUIPMENT

Container Handling (1 to 10 cu. yd.)	Air Brake Interlock
Foot throttle lock-out	Hopper Night Light
Reeving Container Attachment	Quick Disconnects on Each Side of Pump
Engine Kill Switches	Crankshaft Drive Front Pump
Eighty Gallon Washout System	Access Door (1000 in. ²)

FEATURES

- All cylinders have chrome-plated plunger rods for smoother operation, longer life.
- Full width crossmembers under floor.
- Ejector shoes replaceable from within body.
- Load syncrretizing valve automatically keeps ejector panel at correct position for optimum uniform load.
- Consistent high compaction up to 1000 lb/yd.³ (950 lb/yd.³ LM-131)
- Sight level gauge in oil tank.
- Continuous weld side panels.

LOADMASTER[™]
CORPORATION

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