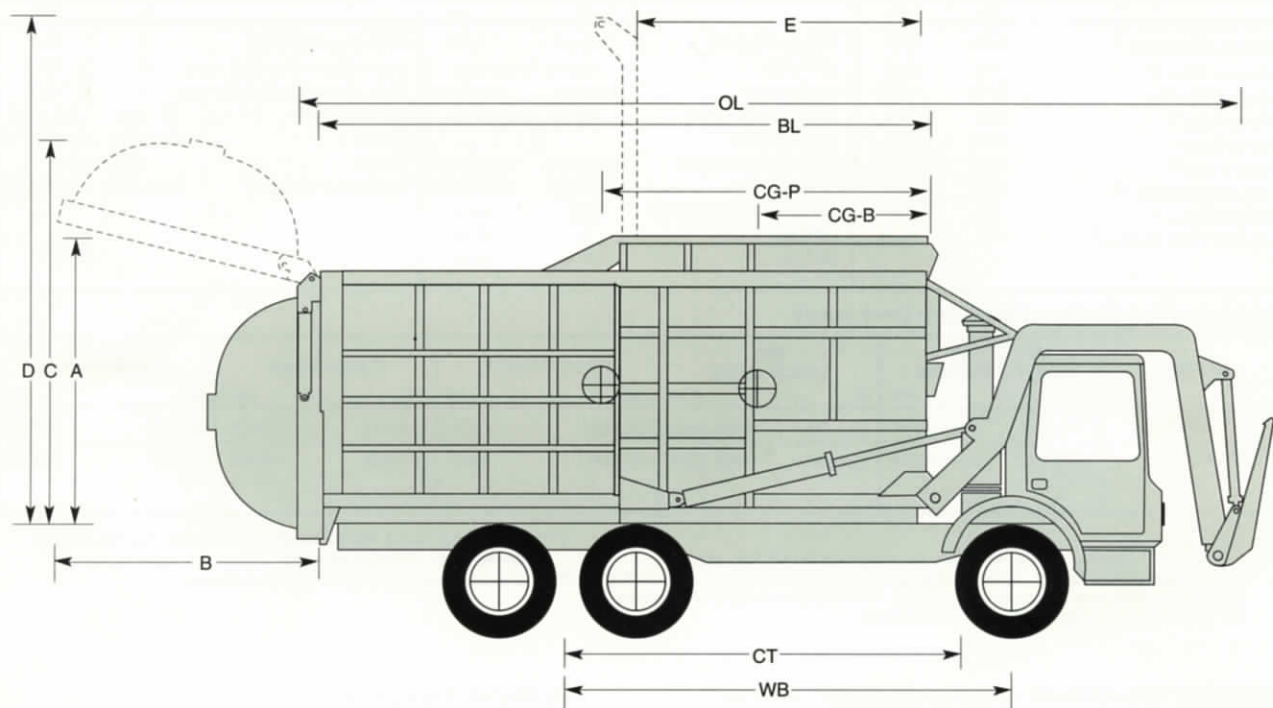




Proven performance and "on-the-level" design make Pak-Mor Front Loaders the standard for the refuse equipment industry.

# FHC800B HIGH-COMPACTION Front Loader

**PAK-MOR<sup>®</sup>**  
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**PAK-MOR<sup>®</sup>**



### Dimensional Specifications

SYMBOL	DESCRIPTION	DIMENSIONS	
		in	mm
A	Body Height Including Windscreen	104	2642
B	End of Body to End of Rear Door - Elevated Position	96	2438
C	Height of Rear Door - Elevated Position	140	3556
D	Body Height Including Top Door - Elevated Position	185	4699
E	Hopper Opening Length	83	2108
-	Body Width Including Lift Arms	96	2438

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DOING A BETTER JOB THROUGH BETTER DESIGN

# FHC800B Front Loader Specifications



## General Specifications

MODEL	CAPACITY		OL OVERALL LENGTH		BL BODY LENGTH		CG-B BODY		CG-P PAYLOAD		BODY WEIGHT (Approx.)	
	yd <sup>3</sup>	m <sup>3</sup>	in	mm	in	mm	in	mm	in	mm	lbs	kgs
FHC827B	27	20.6	376	9550	221	5613	70	1778	145	3683	19,350	8777
FHC833B	33	25.2	420	10,668	265	6731	90	2286	156	3962	20,450	9276

## Body and Construction Specifications

‡ Hi-Tensile Steel

	in	mm		in	mm		in	mm
Hopper Sidewalls ‡	3/16	4.76	Hopper Capacity	10.0 yd <sup>3</sup>	7.7 m <sup>3</sup>	Rear Door Lift Cyls.	3	76.2
Hopper Floor ‡	1/4	6.35	Lift Cycle	Approx. 20 seconds		Top Hopper Door Cyl. (Opt.)	4	101.6
Body Sidewalls	3/16	4.76	Lift Capacity	8000 lbs.	3629 kgs.	Auto. Cont. Level Cyls. (Opt.)	4	101.6
Body Floor ‡	1/4	6.35	Sweep Cycle (Opt.)	Approx. 10 seconds		Oil Reservoir	80 Gal.	302.8 Lit.
Body Roof ‡	3/16	4.76	Packing Force			Pump	58 GPM	219.5 LPM
Rear Door ‡	3/16	4.76	Packer Cyl. Output	153,000 lbs.	69,400 kgs.	Hoses	4 to 1 Burst	
Top Hopper Door ‡	3/16	4.76	Packer Face	24.5 PSI	168.8 KPA	Operating Pressure	2000 PSI	13,789 KPA
Packer Plate ‡	1/4	6.35	Packer Cyl. (Main Bore)	9-5/8	244.5			
Packer Plate Guides ‡	6	152.4	Lift Cyls.	5	127.0			
			Tilt Cyls.	4	101.6			

## Chassis Requirements (\*) (\*\*) (\*\*\*) (\*\*\*\*)

MODEL	CT "CLEAR" CAB-TO-TANDEM		WB WHEELBASE		GAWR-FRONT		GAWR-REAR		GVW-MINIMUM	
	in	mm	in	mm	lbs	kgs	lbs	kgs	lbs	kgs
FHC827B	145-155	3683-3937	165-175	4191-4445	20,000	9072	44,000	19,958	64,000	29,030
FHC833B	175-185	4445-4699	195-205	4953-5207	20,000	9072	44,000	19,958	64,000	29,030

(\*) Cab Over Engine

(\*\*) Body weights, minimum front and rear gross axle weight ratings (GAWR), and gross vehicle weights (GVW) are for standard FHC800B bodies. If optional features are specified GAWR's and GVW must be increased accordingly. Consult factory for optimal wheelbase and axle weight distribution on specific chassis models.

(\*\*\*) Any Chassis sent to PAK-MOR MFG. CO. with less than the minimum specifications will not be mounted.

(\*\*\*\*) Diesel engines require full variable speed governor.

## Standard Equipment (except as may be replaced by optional equipment)

- Top hinged hydraulic rear door
- Automatic rear door locks
- Access door — with ladder, streetside only
- Body side ladder — streetside only
- 25 gal. sump with drain valve
- Warning alarm
- FMVSS #108 lights and reflectors
- Cab controls — positive lever type packer, rear door, and lift controls
- Mechanical top hopper door with links to lift arms
- Frame mounted oil reservoir — 80 gal. capacity mounted under body on chassis frame. Equipped with magnetic trap, oil sight gauge, filler-breather cap, shut-off valve (suction line), and clean-out port
- Filters — 90 GPM dual spin-on element return line filter with visual indicator. 90 GPM dual element suction line filter
- FMCS Reg. 49 (CFR 393.86) rear underride guard

## Optional Equipment

- Air cab controls — air actuated packer and rear door controls. Four-way joystick air actuated lift controls (chassis must have air supply)
- Hydraulic top hopper door
- Rapid sweep cycle — to clear hopper
- Packer lock-out — to prevent container dumping behind packer plate
- Automatic container leveling
- Hydraulically adjustable tilt forks
- Valve cover — mounted on top of lift arm guide
- Power take-off and live power drive options
- Cab lid deflector options
- Cab-o-scope
- Automatic braking back-up sensors
- Proximity alert back-up sensor
- Strobe light
- Container wash-out system — 80 gal. capacity. Equipped with hand-held sprayer (chassis must have air supply)
- Tool box