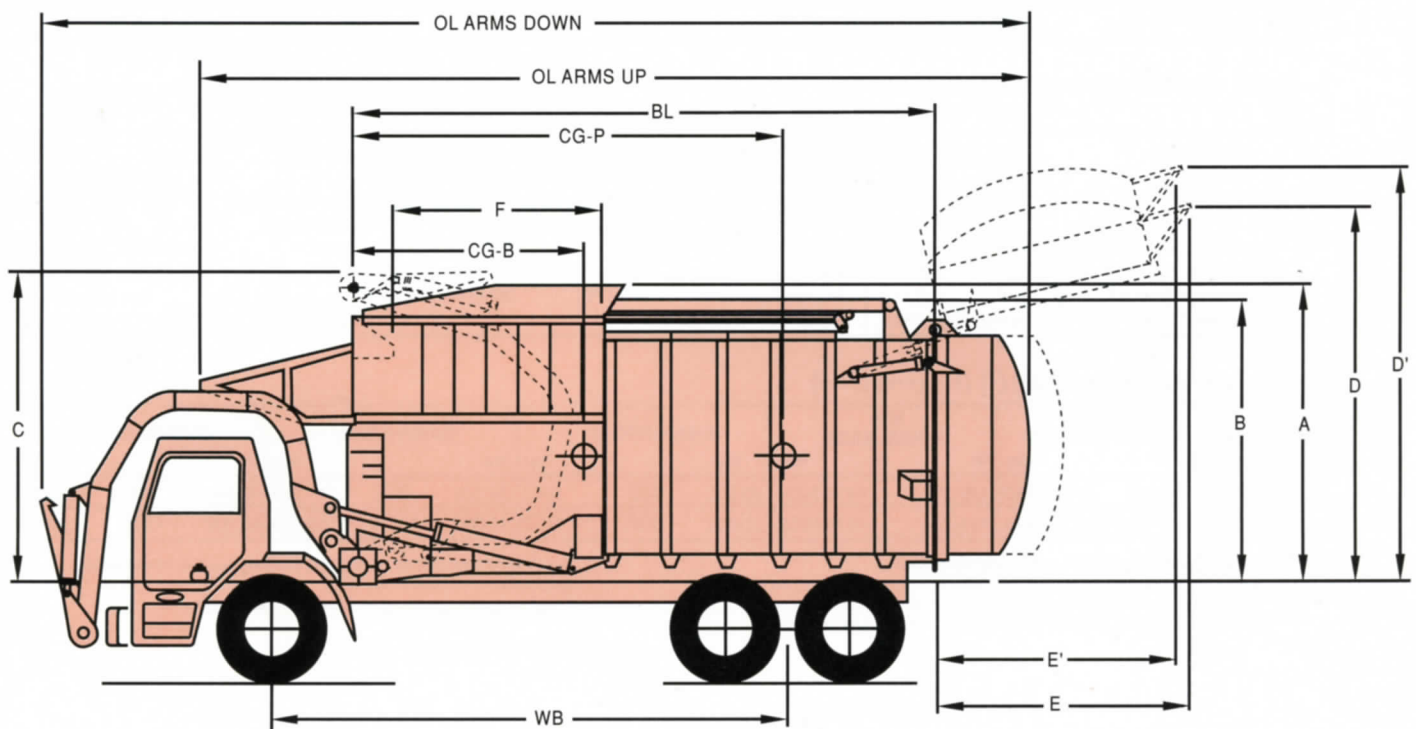




Lightweight, cylindrical design and high density compaction give you increased payload capacity with Pak-Mor's proven performance.

FRC800 HIGH-COMPACTION Front Loader

PAK-MOR[®]
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Dimensional Specifications

SYMBOL	DESCRIPTION	DIMENSIONS	
		in	mm
A	Body Height Including Windscreen	116	2946
B	Body Height Without Windscreen	110	2794
C	Body Height with Arms Up	120	3048
D	Height of Rear Door – Elevated Position (FRC827)	145	3683
D'	Height of Rear Door – Elevated Position (FRC830)	159	4038
E	End of Body to End of Rear Door – Elevated Position (FRC827)	103	2616
E'	End of Body to End of Rear Door – Elevated Position (FRC830)	100	2540
F	Hopper Opening Length	84	2133
-	Body Width Including Lift Arms	96	2438

The products illustrated in this catalog are protected by United States and Foreign patents, patents pending and applied for. Illustrations and specifications are not binding as detailed as Pak-Mor reserves the right under the company's product development program to change design or construction details and to furnish equipment when thus altered without reference to illustrations or specifications presented herein, and supersedes all previously published information.

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DOING A BETTER JOB THROUGH BETTER DESIGN

FRC800 Front Loader Specifications.



General Specifications

MODEL	CAPACITY		OL OVERALL LENGTH		OL OVERALL LENGTH		BL BODY LENGTH		CG-B BODY		CG-P PAYLOAD		BODY WEIGHT (Approx.)	
	yd ³	m ³	in	w/arms dn mm	in	w/arms up mm	in	mm	in	mm	in	mm	lbs	kgs
FRC827	27	20.64	392	9957	329	8357	230	5842	62	1575	156	3962	17,200	7802
FRC830	30	22.96	406	10,312	343	8712	230	5842	64	1627	164	4166	17,380	7884

Body and Construction Specifications

	in		mm		#80,000 PSI Steel		\$100,000 PSI Steel		‡ 60,000 PSI Steel	
	in	mm	in	mm	in	mm	in	mm	in	mm
Hopper Shell [§]	3/16	4.76	Hopper Capacity	10.0 yd ³	7.6 m ³	Lift Cyls.	5	127.0		
Body Shell [#]	11 GA	3.04	Lift Cycle	Approx. 16 Seconds		Tilt Cyls.	4	101.6		
Body Floor [§]	3/16	4.76	Lift Capacity	8000 lb.	3629 kg	Top Hopper Cover Cyl.	3	76.2		
Rear Door [#]	3/16	4.76	Pack Cycle	Approx. 20 Seconds		Rear Door Lift Cyls.	3	76.2		
Packer Plate Face Sheets [§]	1/4	6.35	Packing Force			Oil Reservoir	62 Gal	234.6 Lit.		
Packer Plate Frames [§]	3/8	9.53	Pack Cyls. Output	192,400 lb.	87,273 kg	Pump	58 GPM	219.5 LPM		
Packer Plate Guides [‡]	6	152.4	Packer Face	42 PSI	289 KPA	Hoses	4 to 1 Burst			
Top Hopper Cover	Framed Exp. Metal		Packer Cyls. (Main Bore)	7	177.8	Operating Pressure	2500 PSI	17,235 KPA		

Chassis Requirements (*) (**) (***) (****)

MODEL	CA "CLEAR" CAB-TO-TANDEM		WB WHEELBASE		GAWR-FRONT		GAWR-REAR		GVW-MINIMUM	
	in	mm	in	mm	lbs	kgs	lbs	kgs	lbs	kgs
FRC827	176-186	4770-4650	196-206	4978-5232	20,000	COE 9072	38,000	COE 17,237	58,000	COE 26,309
FRC830	176-186	4770-4650	196-206	4978-5232	20,000	COE 9072	42,000	COE 19,051	62,000	COE 28,123

(*) Conv = Conventional Cab — COE = Cab Over Engine

(**) Body weights, minimum front and rear gross axle weight ratings (GAWR), and gross vehicle weights (GVW) are for standard FRC800 bodies. If optional features are specified GAWR's and GVW must be increased accordingly.

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

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

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

- Rapid pack cycle — regenerative pack circuit
- Top hinged hydraulic rear door
- Automatic rear door locks
- Sliding hydraulic top hopper cover — automatic open only
- 25 gal. sump with clean-out doors
- Cab cover
- Warning alarm
- FMVSS #108 lights and reflectors
- Cab controls — positive lever, cable actuated pack, rear door and lift controls
- Frame mounted oil reservoir — 62 gal. capacity mounted under body on chassis frame, equipped with magnetic trap, oil level 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 filter
- FMCS Reg. 49 (CFR 393.86) rear underride guard

Optional Equipment

- Air cab controls — positive lever, air actuated pack and rear door controls. Four-way joystick actuated lift controls (chassis must have air supply)
- Automatic pack
- Packer lock-out — to prevent container dumping behind packer plate
- Power take-off and live power drive options
- Non-braking rear surveillance sensor systems
- Rear view camera/monitor options
- Strobe light
- Mid-body marker/turn lights
- Container wash-out system — 60 gal. capacity. Equipped with hand-held sprayer (chassis must have air supply)
- Tool box