



SOLID QUALITY

HIGH COMPACTION **REAR LOADERS**

FORMULA[®] 5000



The FORMULA 5000 rear loader combines solid quality, full seamless welded high tensile steel construction, with advanced design high pressure cylinders. The reduced body weight lets you pack a greater legal payload into the industry's most desirable rear loader.

Compare FORMULA 5000 efficiency, reliability, productivity and ease of operation . . . They mean more profit for you.

New, improved controls allow simple, independent operation of unit, combined with ease of adjustment.

CONSTRUCTION SPECIFICATIONS		
High tensile steel	Thickness	mm
Body sides	11 ga.	3.038
Body roof	10 ga.	3.416
Body floor	7 ga.	4.554
Body longitudinal	7 ga.	4.554
Floor support members	7 ga.	4.554
Hopper floor*	3/16 in.	4.763
Hopper front face*	5/16 in.	7.938
Hopper sides*	3/16 in.	4.763
Packing blade*	3/16 in.	4.763
Ejector panel	11 ga.	3.038
*150,000 psi yield.		

HYDRAULIC SPECIFICATIONS	
PUMP	
Type	High pressure gear.
Maximum operating pressure	2500 psi
GPM at Working RPM	26 GPM (98.4 liters/min)
OIL RESERVOIR	
Tank capacity	18, 20, & 25 yd. – 34 Gallons (128.7 liters) 32 yd. – 45 Gallons (170.3 liters)
Filters	100 mesh (140 micron) suction line replacable 10 micron return line with by-pass.
VALVES	
Shut-off	Gate valve in suction line between pump and reservoir.
Packing control	Spool type.
Ejector and tailgate raise	Spool type.

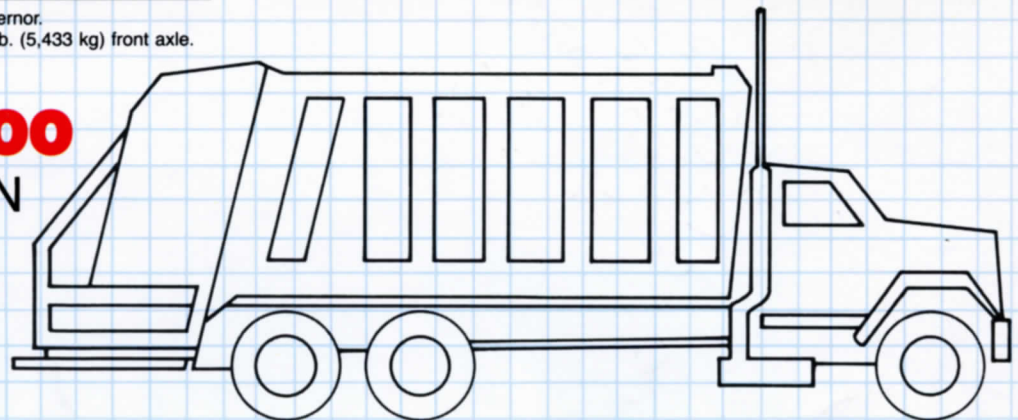
CHASSIS REQUIREMENTS ⁽¹⁾						
MODEL	C/A SINGLE AXLE		C/T TANDEM AXLE		RECOMMENDED GVWR ⁽²⁾	
	In.	mm	In.	mm	Lbs.	kg
5000-18	124	3149.6	108	2743.2	37,000	16,783.2
5000-20	139	3530.6	126	3200.4	41,000	18,597.6
5000-25	NA	NA	156	3962.4	50,000	22,680.0
5000-32	NA	NA	197	5003.8	55,000	24,948.0

OPERATING CONTROLS	
Packing	Right side of tailgate.
Tailgate raise	Forward left corner of body.
Ejector	Forward left corner of body.
P.T.O.	Inside cab.
Signal buzzer switches	Optional
Engine speed-up	Forward left corner of body.

(1) Diesel engines require full variable speed governor.
(2) Recommended GVWR is based on a 12,000 lb. (5,433 kg) front axle.

FORMULA 5000

HIGH COMPACTION REAR LOADERS



BODY SPECIFICATIONS														
MODEL	CAPACITY		OVERALL LENGTH		OVERALL LENGTH TAILGATE RAISED		OVERALL WIDTH		OVERALL HEIGHT ABOVE FRAME		OVERALL HEIGHT TAILGATE RAISED		GROSS WEIGHT APPROXIMATELY	
	Yd. ³	m ³	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	kg.
5000-18	18	13.76	232.5	5906	242.5	6159.5	96	2438.4	97.5	2476.5	207.5	5270.5	12,250	5556.6
5000-20	20	15.29	247.5	6287	257.5	6540.5	96	2438.4	97.5	2476.5	207.5	5270.5	12,550	5692.7
5000-25	25	19.11	280.5	7125	290.5	7378.7	96	2438.4	97.5	2476.5	207.5	5270.5	13,350	6055.6
5000-32	32	24.46	321.5	8166	331.5	8420.1	96	2438.4	97.5	2476.5	207.5	5270.5	15,250	6917.4

CYLINDERS																		
MODEL	TAILGATE RAISE (2)				PACKING BLADE (2) Double Acting				SLIDE (2) Double Acting				EJECTION (1) Double Acting Telescope					
	BORE		STROKE		BORE		STROKE		BORE		STROKE		MODEL	STAGE	BORE		STROKE	
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm			In.	mm	In.	mm
ALL	4	101.6	36	914.4	5.5	139.7	24	609.6	5	127.0	36	914.4	5000-18	3	6	152.4	93	2362.2
													5000-20	3	6	152.4	107 7/8	2733.7
													5000-25	3	6	152.4	131 1/8	3343.3
													5000-32	4	7 1/2	190.5	171 1/8	4346.6

All designs, specifications and components are subject to change at the manufacturer's sole discretion at any time without notice. Data published herein is informational in nature and shall not be construed to warrant suitability of any unit for any particular purpose as performance may vary with the conditions encountered. The only warranty applicable is our standard written warranty for this product.

TAILGATE SPECIFICATIONS									
HOPPER CAPACITY (TBEA Rated)		LOADING SILL HEIGHT		HOPPER LOADING WIDTH		HOPPER OPENING HEIGHT		CYCLE TIME Seconds	
Yd. ³	m ³	In.	mm	In.	mm	In.	mm	Complete	Reload
3.0	2.294	3.812	96.8	80	2032.0	55	1397.0	28-32	9-11
		Below chassis frame.							



P.O. Box 8676 • Chattanooga, TN 37411
Telephone (615) 899-9100