



BASE MODEL 47 Cu. Yd.

INTEGRATED FRONT LOADER (IFL)



Illustration representative of model, but not necessarily of these specifications.

Complete refuse vehicle . . .
built by one manufacturer.
An innovative concept . . .
using proven components.

BASE MODEL SPECIFICATIONS

CONTAINER LIFT, cap. lbs.	8,000	GROSS VEHICLE WEIGHT, lbs.	58,000
BODY VOLUME, cu. yds.	47	EMPTY WEIGHT (est.), lbs.	33,750
Hopper volume, cu. yds.	12.4	Front axle, lbs.	16,300
SYSTEMS PRESSURE, PSI	2,500	Rear axle, lbs.	17,450
Packer cylinder relief, PSI	2,000	WHEELBASE, in.	200
POWER SYSTEM		POWER STEERING	Integral gear S592
Engine	Cummins NHHTC-300	Cap. lbs.	20,000
Horsepower @ 2100 RPM	300	Turning radius (approx.), ft.	34
Transmission	Allison HT-754CR	HYDRAULIC SYSTEM (3,000 PSI min. rated components)	
5 speeds forward, 1 reverse		Pump, gear type, GPM @ 1,200 RPM	29
Radiator, remote cross flow, sq. ins.	1,200	PTO	Hot Shift
Air Cleaner	Donaldson EBA Konepac	Reservoir, gals.	130
Exhaust	Horizontal	LIFT, DUMP and TAILGATE CYLINDERS	
Fuel Tank integral, gals.	82	Lift, 2-24" double acting, dia. ins.	4
Alternator, 27SI, amps	80	Dump, 2-24" double acting, dia. ins.	3.5
AXLES, SUSPENSION, STEERING		Tailgate, 2-24" double acting, dia. ins.	3.5
Front Axle, FL941, cap. lbs.	20,000	PACKING SYSTEM	
Front Suspension, CCC, cap. lbs.	40,000	Cylinder, 6 stage, dia. ins.	10
Rear Axle, SQ 100, cap. lbs.	38,000	Stroke, ins.	280
Rear Suspension, RS-380, cap. lbs.	38,000	Overlap, per stage, ins.	16
Wheels, front and rear	20" cast spoke	Packer thrust, max. lbs.	157,000
Rims — front	20 x 10	Thrust at rear of hopper, lbs.	113,480
— rear	20 x 8.0	HOPPER COVER	Automatic
Tires — front	14/80R20	TAILGATE LIFT	Hydraulic
— rear	10:00 x 20	TAILGATE LATCH	Hydraulic
Brakes, front and rear	S-CAM		
Propeller Shafts	1710HD		

Specification subject to change without notice.

OPTIONAL COMPONENTS

ENGINE	MODEL	TYPE	HORSEPOWER @ 2100 RPM	*WEIGHT DIFFERENCE
Cummins	NHHTC	50 State	300	(Base Model)
Detroit Diesel	6L71TA	49 State	290	- 335 lbs.
Detroit Diesel	6L71TAC	Cal. Spec.	270	- 335 lbs.

TRANSMISSION	MODEL	NOTES	*WEIGHT DIFFERENCE
Allison Allison	HT 754 CR MT 654 CR	— Consult factory for application	(Base Model) - 315 lbs.

REAR AXLE			REAR SUSPENSION			*WEIGHT DIFFERENCE
Manufacturer	Model	Rating	Manufacturer	Model	Rating	
Rockwell	SQ100	38,000 lbs.	Hendrickson	RS380	38,000 lbs.	(Base Model)
Rockwell	SSHD	44,000 lbs.	Hendrickson	RS440	44,000 lbs.	+ 525 lbs.
Rockwell	SSHD	44,000 lbs.	Ridewell	44K	44,000 lbs.	+ 790 lbs.
Rockwell	SSHD	44,000 lbs.	Ridewell	50K	50,000 lbs.	+ 825 lbs.

*Weight difference from Base Model

STANDARD EQUIPMENT

Lateral torque rods
Wheel oil seals - all axles
Mud flaps front and rear of tandem and front wheels
Gate type transmission shift control
Williams air throttle control
Air restriction indicator - air cleaner mounted

CAB STANDARDS

Low entry fixed cab
All welded aluminum
All tinted flat safety glass
Air operated windshield wipers with washers
L.H. & R.H. sunvisors
Fresh air heater with recirculating heater & defroster
Dual stainless rear view mirrors
16" x 6" with 6" convex spot and 6" convex dumping mirror
Roll down windows
Mechanical speedometer
Electrical tachometer with hourmeter
Dual air pressure gauge
Module panel with replaceable gauges
voltmeter, electrical oil pressure, water temperature and fuel

BODY STANDARDS

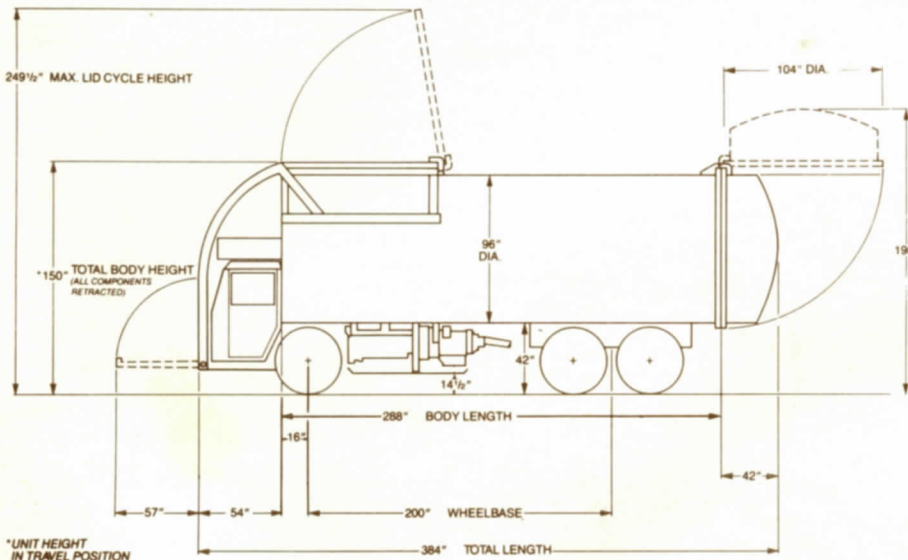
Return line filter - replaceable element
Holding valve in lift and tailgate cylinders
Hydraulic sight gauge and temp gauge
Hydraulic pressure gauge
Windshield guard
Pressure line filter
Full folding forks
Access ladder
Glycol filled control cables
Body cleanout hatch

ELECTRICAL STANDARDS

Manual reset circuit breakers
Color coded wiring
Exterior body wiring installed in conduit with waterproof junction boxes
P.T.O. 'on' indicator light
Packer light
Recessed single headlights
Front and rear turn signals
Identification and clearance lights
Dome light in cab
Hazard warning switch
Single electrical horn
Warning light and buzzer for:
low air and oil pressure
high water temperature
Warning light for:
tailgate latch
parking brake
transmission neutral and high temperature
interaxle differential
40 amp radio wire
Two extra switches in cab
Back-up alarm
Back-up light in rear cluster

PAINT STANDARDS

White, polyurethane enamel
Cab, body, bumper, fenders, wheels, exhaust and air cleaner



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