



GarWood S-100 SERIES
REFUSE TRAILER

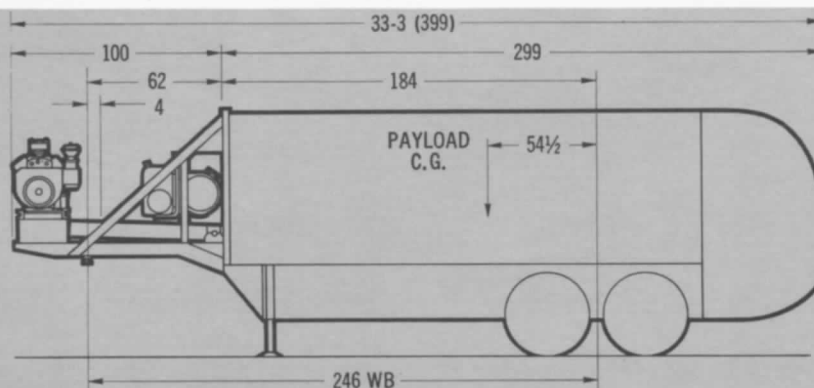


GarWood

S-100 SERIES

REFUSE TRAILER

The new Gar Wood S-100 tandem refuse trailer is an independently operated packer providing greater refuse capacity with minimal daily trips to the dump. Instead of designing a conventional trailer-packer, Gar Wood engineers achieved greater capacity by extending the carrying capacity of the body down between the two rear wheels. The uniquely-designed trailer-packer is capable of hauling 40 cubic yards of refuse. Also, by mounting an engine in front of the trailer, the refuse contractor can uncouple the tractor and use it for additional revenue purposes. By designing the special unit, Gar Wood was able to achieve better weight distribution, greater performance and capacity, in addition to lower total overall operating costs.



TRAILER SPECIFICATIONS

Length.....	399 inches
Weight.....	19,520 lbs.
Wheelbase.....	246 inches
Engine.....	60 HP Air Cooled Wisconsin gasoline
Fuel Tank Capacity.....	30 gallon
Oil Reservoir Capacity.....	50 gallon
Electrical.....	12 volt system

PACKER SPECIFICATIONS

Hopper Capacity.....	3 cubic yards
Loading Height.....	39 inches
Hopper Width.....	80 inches
Opening Size, Vertical Clearance.....	38 inches
Packing Cycle.....	20 seconds
Reloading Cycle.....	7 seconds
Ejection Cycle.....	13 seconds

LOAD DISTRIBUTION

	KINGPIN LOAD	REAR AXLE LOAD	TOTAL
TRAILER.....	4,320	15,200	19,520
PAYLOAD.....	<u>4,900</u>	<u>17,100</u>	<u>22,000</u>
	9,220	32,300	41,520

NOTE: NORMAL FIFTH WHEEL SETTING—4 inches

SUSPENSION

Each of the four wheels in the tandem axle has individual arm-type suspension with traverse cantilever spring mounted to the underside of the body. This permits individual oscillation of wheels over rough terrain and permits equal loading of wheels regardless whether one wheel is lower or higher than the other.

Capacity.....48,000 lbs. Tandem

SPRINGS

Heavy-duty spring attaches to the underside of the body extending the full width of the body to support the individual arms in the rear suspension system.

Capacity.....12,000 lbs. per wheel

Size.....65 1/2" x 4" .788"

Number of Leaves.....6

FRAME

REAR: The unitized body serves as the frame. Heavy-duty reinforcements on the underbody structure at the axle loading point are used to reinforce the bottom.

TIRES AND WHEELS

Tires: Goodyear Road Luger super single tubeless
15.00 x 22.5 16 ply

Wheels.....Disc type, 10 stud, 11.25" bolt diameter

Rims.....22.5" x 11.75", 15° D.C.

OPTIONS

Can be equipped with quick disconnecting couplings suitable for connecting to a stationary electric power package.



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