

Build Sheet

Ramer Model 4500 Scow Body heavy-duty trash loader with **slide boom**

20' long trash body with **winged up sides**, 26.73 cu. yd. capacity, dual rear doors
21" wide I-Beam pedestal base with removable shields covering hydraulic hoses
Pedestal top 1.75" steel plate surfaced and drilled to accommodate slew bearing ring
280-degree boom rotation / 25.75" OD slew bearing / 3.5" bull gear bearing assembly
Main boom constructed of two 4" x 8" x 3/4" thick wall tubes
Tip boom constructed of 7" x 7" x 3/8" thick wall tubing
Slide boom adjusts from 16' to 20' / 4,500 lb. lifting capacity at 16'
Manual lever controls

Extending outrigger stabilizers

Powered by truck chassis PTO with safety to only operate in neutral
Hydraulic control valve mounted inside pedestal base for operator safety
Stand up operator's station with a walkway between chassis and loader
40-gallon hydraulic oil tank / oil level gauge / 10-micron hydraulic oil filter
Oil cooler with 12 volt DC electric fan to cycle on/off to keep hydraulics from overheating
Dash mounted hydraulic oil filter condition sensor
Integrated chassis engine throttle control with control switch at Operators stand
Trash grapple hydraulic controlled with a continuous rotating bucket
Trash grapple opened and closed by means of two hydraulic cylinders
Trash grapple 4' long / 60" opening lip to lip / 18" from ground fully opened
Twin 4.5" bore x 28" stroke with 2.5" rods boom cylinders with integrated locking valves
One 4.5" bore x 32" stroke with 2.5" rod tip boom cylinders with integrated locking valves
Twin 3.5" bore x 8" stroke with 1.75" rods bucket cylinders with integrated locking valves
Twin 3" bore x 20" stroke with 1.75" rods outrigger cylinders with integrated locking valves
Safety body prop / all metal cleaned primed and painted one standard color
Mounted on 2020 or newer Freightliner M2 chassis



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