

## Build Sheet

### **Ramer Model 3500 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 ½ steel plate surfaced and drilled to accommodate slew bearing ring  
280-degree boom rotation / 22.90" OD slew bearing / 2 ¾ bull gear bearing assembly  
Main boom constructed of two 4" x 8" x ¾" thick wall tubes  
Tip boom constructed of 4 x 6 x 3/8" thick wall tubing  
**Slide boom** adjusts from 16' to 20' / 3,500 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  
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" bore x 24" stroke w/ 2 ½ rods boom cylinders w/ integrated locking valves  
One 4.5" bore x 32" stroke w/ 2 ½" rod tip boom cylinder w/ integrated locking valve  
Twin 3" bore x 8" stroke w/ 1 ¾" rods bucket cylinders w/ integrated locking valves  
Twin 3" bore x 20" stroke w/1 ¾ rods outrigger cylinders w/ integrated locking valves  
Safety body prop / all metal cleaned primed and painted one standard color  
Mounted on 2020 or newer Freightliner M2 chassis



