

Garbage Collection trailer – Side Loading

Model: EL-6/ EL 9V

Technical specifications of refuse collecting truck

I- Chassis:-

- Chassis is fabricated from standard U-shaped steel sections with suitable dimensions.
- It is provided with the necessary cross-members.
- Assembly is carried out by welding using MMAW according to code and specifications of AWS.
- The axles are heavy duty with good quality wheel bearing.
- The drawer bar is fabricated from steel U-shaped steel sections with suitable reinforcement.
- The drawer bearing is of American or European nature

II- Refuse Collecting Body:

1- Refuse Container:-

- Capacity 6: 9 m3 dependent on chassis load capacity.
- Hot rolled steel sheets of 4mm thick for the bottom and 3mm thick for the sides.
- Corrugation in the side sheets to give extra strength.
- The cross members are in U-shape that would form a strong square with the bottom plate.
- A strong wooden wedge to ensure uniform load distribution on the trailer chassis.
- A normally closed Hydraulic cylinders to open and close the rear gate

2- Ejector:-

- Heavy duty Ejector made of U-beams covered by 4mm steel sheets is capable to press the refuse from 3 to 1 up to 5 to 1 dependant on refuse nature.
- Powerful-double acting hydraulic cylinder moves the ejector forward & backward.
- Railway guides the movement of the ejector.
- Easily changeable bearing of the ejector.
- The ejector moves backward to compress the refuse or to eject it outside of the container if the near-gate is opened.

- The ejector initial position is very near to the front edge of the container to reduce the died volume of the container

3- Side loading mechanism (option):

- Operates by means of two hydraulic cylinders.
- Could be adapted for many refuse containers.
- The whole process is hydraulically operated.
- One- side or two sided loading mechanisms are available.

4- Hydraulic System:-

- Hydraulic gear pump connected to the P.T.O
- Maximum pressure limits can be set according to customer requirements.
- Automatic valves system to make continuous cycle through one touch from the operator.
- Hydraulic tank with filters, lids, temperature gauge and level indicator are standard.
- Oil tank capacity is 70 liters
- European & American components.
- The pressure is conservatively regulated to ensure long life of hydraulic components.

5- Paint:-

- The inner surface of the refuse container shall be painted with two layers priming coats after sand blasting, then it will be painted with two layers of anti-rust, anti-corrosion paints
- The outer surface is painted by the same way as the inner surface but the final paint is painted using the desired color and stamps.

6- Maintenance:

- Available by our specialized center.

7- Warranty:

- Refuse collecting trailer has 24 months warranty against manufacturing defects.

GARBAGE COLLECTION TRAILER
Side Loading

Model: EL-06V To EL-09V
Type 1AGTR 6 2AGTR9

- Min. dead volume of refuse container.
- 6-9m³ capacity
- compression ratio 3:1 to 5:1
- Hydraulic circuit, operates on the tractor's PTO
- Double sided loading (option)
- Economic
- Rear discharging without tipping
- Good maneuverability
- Low maintenance cost
- Min. trailer length (no Rear loading)
- Optional (hydraulic bucket)
- Simple hydraulic system
- Single or double hydraulic piston ejector
- Fast operation
- Lower cost
- Durability
- Adaptability to climate and topography of middle East and Africa

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