

## Mobile Auto Bin Lift For Collection From By-Lanes

- SALES
- HIRE
- LEASING
- RENTAL



**ENSOL**, the renowned name in Solid Waste Management System, now offers the all new, time and cost saving, low maintenance, **Rickshaw D.P. System**.

The **Rickshaw D.P. System** is custom made so as to snugly fit onto three wheel auto chassis, making it very useful for garbage collection, using standard waste bins as a part of relay system.

### SALIENT FEATURES :

The **Rickshaw D.P. System** consists of hydraulic container / bin lifting arrangement sturdily designed lifting arms. The 'Simple to operate' controls can be manned even by unskilled personnel. All these features combine to give larger volume garbage transportation, using the 'relay' system wherein the **Rickshaw D.P. System** puts in an empty container in place and take away the one which is full to the dumping area for unloading. Obstruction to traffic and pedestrian movement is also kept to the desired minimum.



**Rickshaw D.P. System** is custom made in capacities depending on gross vehicle weight (GVW) of three wheel auto chassis (suggested capacities .8 cum.)

### MAINTENANCE-NO PROBLEM!

Maintenance is virtually nil for these rugged machines, and at the time when they need to be serviced, our after sales service is just a phone call away.



### APPLICATIONS :

- ◆ For safe and hygienic collection, storage and transportation of garbage.
- ◆ For quick and efficient lifting, transportation and unloading.
- ◆ For Multi point 'pick up' application of system through standard waste containers.
- ◆ Suitable for handling both Solid and Liquid material.
- ◆ Continuous 'relay' system achieving large volume of garbage transfer.
- ◆ Suitable for primary/secondary waste collection from by-lanes using container 'relay' system.



### ADVANTAGES :

- ◆ Easy to operate as no special skill is required.
- ◆ Quick and efficient lifting, transportation and unloading.
- ◆ Popular system-low capital cost.
- ◆ Ideal for multiple point collection system with low operation cost.
- ◆ Very low maintenance cost.
- ◆ Modern equipment to increase dignity of labour.

## CONTAINER

Type : 3 piece taper type with openable hinged tailgate windows

Capacity : 0.8 m<sup>3</sup>

Material : Bottom : 14 SWG M.S sheet  
Sides : 16 SWG M.S sheet  
Top : 16 SWG M.S sheet  
Door : 18 SWG M.S sheet

Tail Gate : Openable hinged type tail gate with locking arrangement.

Windows : 2 nos. openable hinged type windows for loading container.

Optional : Single piece with openable top door is also provided with this system.

## TECHNICAL SPECIFICATION OF RICKSHAW DUMPER PLACER

BOOM : M.S. Rectangle box section type, 2 numbers.

HYDRAULIC CYLINDERS : Double acting 2 numbers boom type.  
Material : Precision honed tube, ground, deep hard chrome plated piston rod.

STABILISERS : 2 number stabilisers for balancing the load while the dumper is moved on the vehicle in loaded condition.  
Type : Mechanically expandable adjustable type with locking arrangement.

HYDRAULIC PUMP : High-pressure single lever control valve is provided and control valve lever is placed inside the cabin.

DIMENSIONS : Overall length : 2870 mm  
Overall width : 1430 mm  
Overall height : 1830 mm  
Height of Loading : 1430 mm (on vehicle)  
Height of Loading : 625 mm (ground dumper)

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