

## **SPECIFICATIONS OF TRUCK MOUNTED GARBAGE COMPACTOR** **SIDEPAK®**

### **GENERAL**

The IPWT Sidepak® Garbage Compactor is the most suitable system for solid waste transportation from market places, industrial and commercial places approachable through streets, narrowest lanes, and by-lanes. The IPWT Sidepak® is capable of manual loading of refuse from the side towards the foot-path into the refuse body (6m<sup>3</sup>). Once the garbage is loaded into the extreme front side of the unit body, it is pushed hydraulically toward the rear till the body is full. The garbage is dumped from the rear full cross section open able door by means of hydraulically operated push plate.

### **CONSTRUCTION**

The unit's main body is of welded construction fabricated from high strength steel sheets suitably strengthened with specially formed sections to withstand the compaction stresses.

The pusher plate will be of rugged construction designed to withstand unequal forces. The specially designed, machined and treated slide blocks of the ejector plate will slide in the main body slide rails.

Rear end full cross section door is specially designed for strength and lightness. The door is fabricated from steel sheets with reinforcement stiffeners. Towards the front, on the left side of the main body of the unit, low lever charging door is provided for loading the refuse. The garbage can also be loaded manually in the body of the Garbage Compactor.

### **HYDRAULIC SYSTEM**

The power for running the hydraulic oil pump (DOWTY) is taken from the truck engine the P.T.O.

The operating sections for different mechanisms are conveniently located for ease of operation and safety. All safety measures necessary for overload protection, pressure reliefs etc. are provided for safety of the equipment.

Hydraulic cylinders for pusher plate, tailgate and bin lifting (optional) shall be specially suited and heavy duty with a cylinder rod chrome plated.

### **OPERATION**

The unit will be equipped with an acceleration lever to run the engine with proper r.p.m. to develop adequate hydraulic oil output to actuate hydraulic cylinders for packing, tailgate lift and ejection. The garbage can be loaded into the unit manually and hydraulically. The garbage can be loaded through the bin provided at the side of the unit and also from the rear end. The pusher plate will then compact the garbage thus enabling the full body volume to be filled with refuse. The telescopic cylinder shall actuate to remove the garbage from the unit with ejector plate.

### **ACCESSORIES**

- (a) Flash lamp with metal clad socket & switches for night operation.
- (b) Hazard lamps for night operation.
- (c) Reversing audio visual alarm.
- (d) Visual indications and driver's cabin for P.T.O. engagement.