

# 后压缩式垃圾车上装厢体设计和排出机构液压系统设计

## 摘 要

随着科技的发展，汽车已经走进千家万户。人们生活水平的提高使得汽车的地位日渐稳固。生活水平的提高随之而来的垃圾也逐步增加。那么环卫工的工作强度就非常大，而且环卫工的岁数都比较大，都在60岁左右，巨大的工作量使得他们难以完成任务，这事得到了政府有关部门的重视，开始在垃圾车上得到了相应的研制，研制出的有垃圾运输车，还有垃圾清扫车，种类繁多，本次设计主要对垃圾运输车进行研制。

近年来环卫的设备也得到了改善，运输车是最主要的设备。垃圾不能得到运输，那城市的美化将是一个很难处理的问题。运输车有如下功能，在路面上可以运输，在垃圾上可以得到分类，不可回收垃圾和可回收垃圾两类。真正实现废物的回收与利用。其工作效率高，性能上非常优越。在今天被广泛的应用。与以往的设备相比，这种运输车非常的高端，非常的方便。它的使用上轻便迅速得到了政府的一致认可。现阶段的研制中已经出现了新的功能，比如说对空气的净化作用以及对尘粒进行过滤，从而使得空气更加清新，人类赖以生存的空间更加干净，人民的身体更加健康，这样还可以使路面的使用寿命增大。

**关键词：**运输车；道路；液压；结构；部件

## Abstract

With the development of science and technology, cars have entered into thousands of households. With the improvement of people's living standard, the status of cars has been increasingly stable. With the improvement of living standard, garbage gradually increases. So workers work strength is very big, and workers of the age is bigger, around the age of 60, huge workload makes them very difficult to complete the task, it got the attention of the relevant government departments, began in the garbage trucks to get the corresponding development, developed a garbage truck, and garbage sweeper, sort is various, this design is mainly to research the garbage truck. In recent years, sanitation equipment has also been improved, transport vehicles are the main equipment.

Garbage can't be transported, and the beautification of the city will be a difficult problem to deal with. The truck has the following functions: it can be transported on the road, it can be sorted on the garbage, and it can be divided into two categories: non-recyclable garbage and recyclable garbage. Truly realize the recycling and utilization of waste. Its work efficiency is high, the performance is very superior. It is widely used today. Compared with previous equipment, this kind of transporter is very high-end and convenient. Its ease of use quickly won the government's approval. At present, new functions have appeared in the development, such as purifying the air and filtering the dust particles, so as to make the air cleaner, the living space cleaner, the people's body healthier, and so can increase the service life of the road. Even though the development of transport vehicles in our country is becoming more and more perfect, there is still a huge gap between our country and developed countries. With the improvement of people's living standards, the development of the city in the continuous expansion, the face of the changing show in front of people. Then this one can not be less to the maintenance of the road, the road good car.

**Key words:** Truck;Road;Hydraulic pressure;Structure;Part

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