

The Norba Ki-11 Refuse Collector Body



Seco

The Norba Ki-11 was successfully launched in 1979. The sales targets set at that time have been well exceeded and the equipment has lived up to all our expectations in so far as capacity, reliability and quality are concerned.

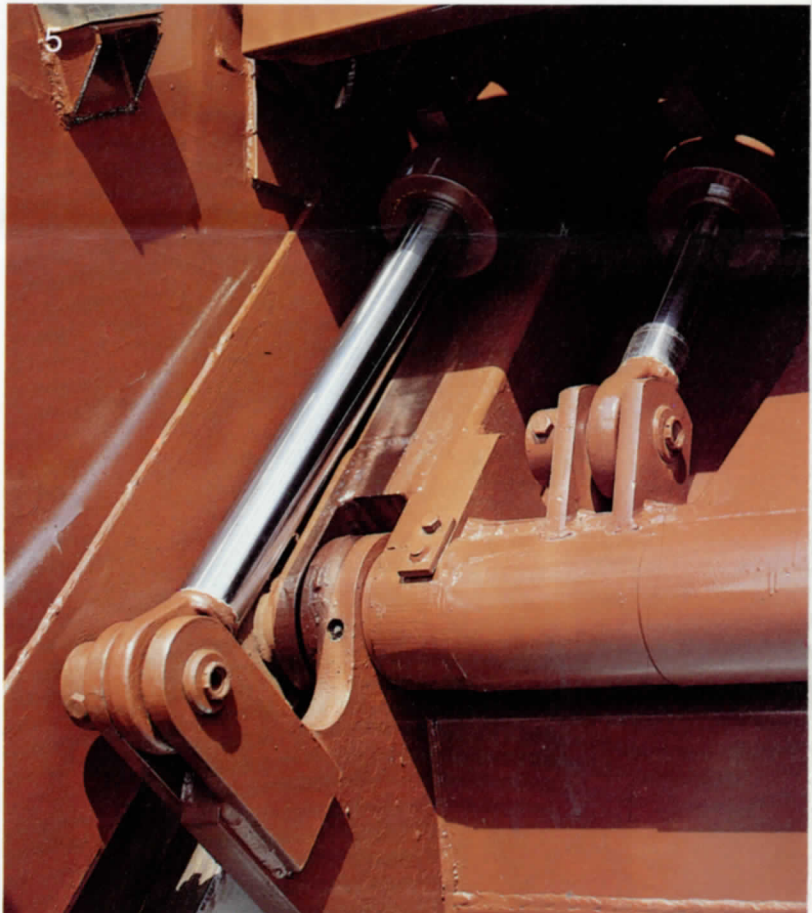
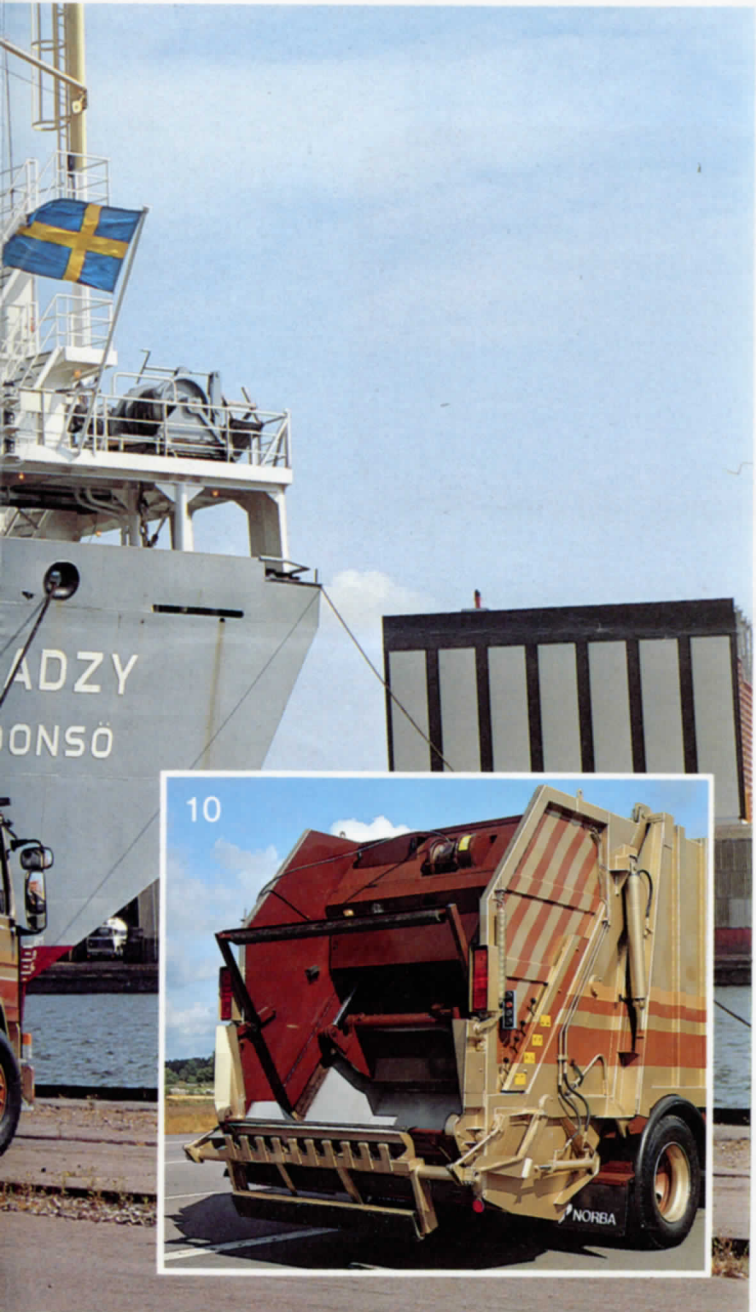
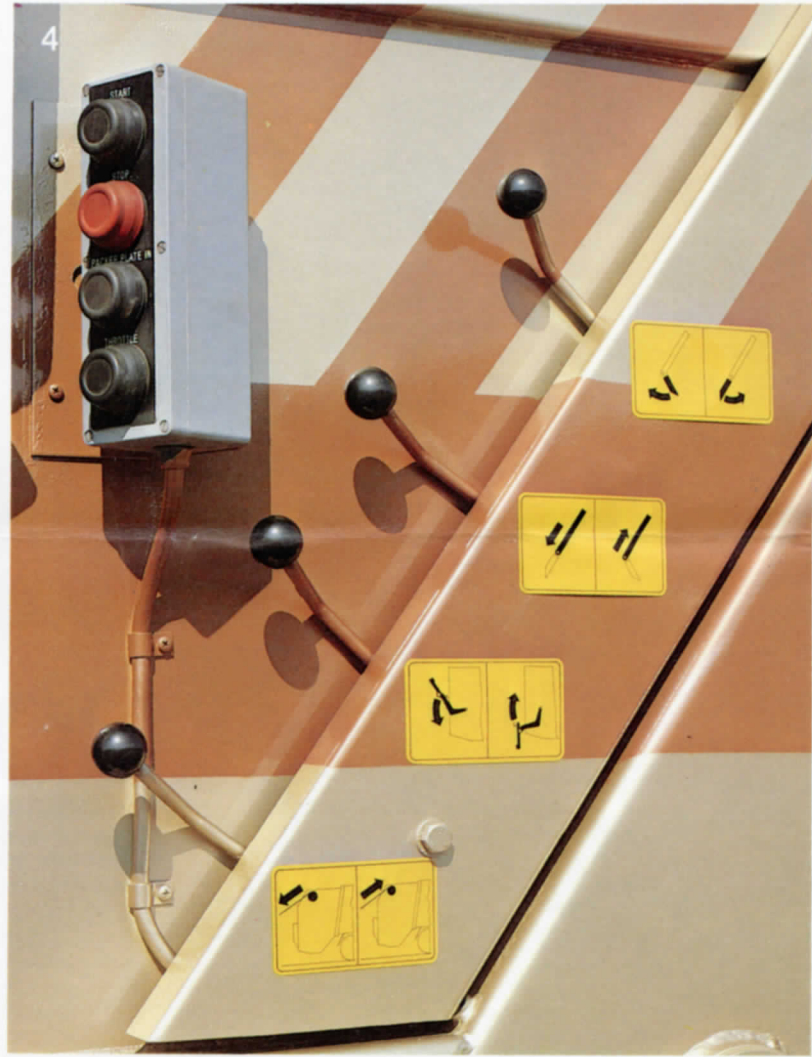
During the three years this all-purpose refuse collector body has been in operation, it has been tried and tested under various conditions in Scandinavia, U.K., Continental Europe and the Middle East. Conditions and working practices vary in these different countries and we can be well satisfied with the Norba's ability to meet all demands.



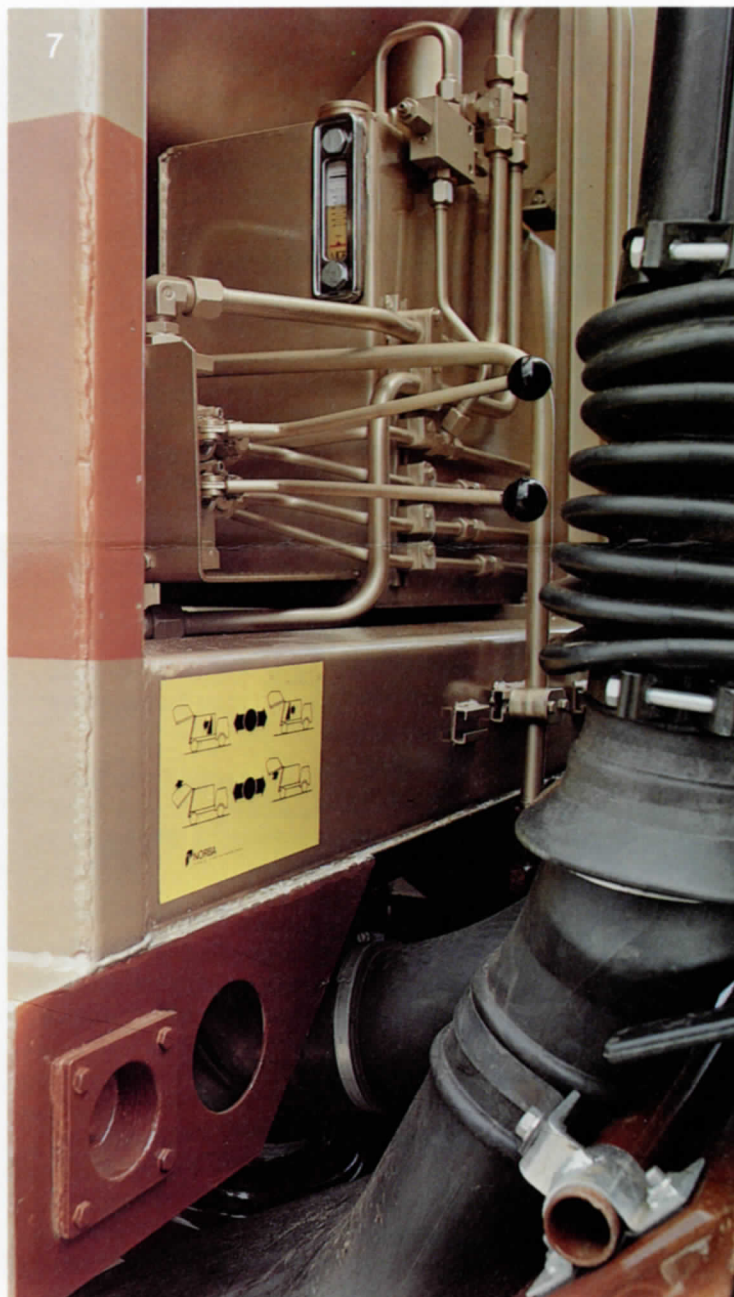
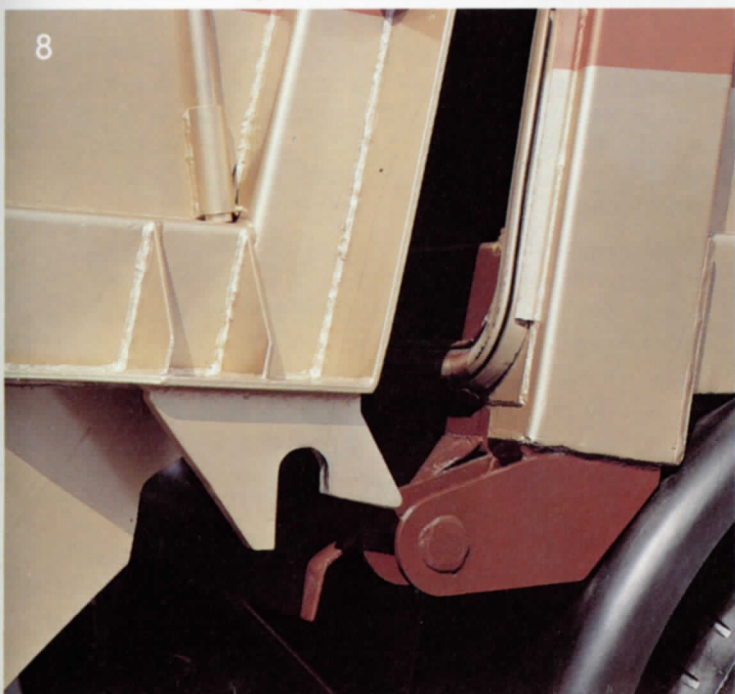
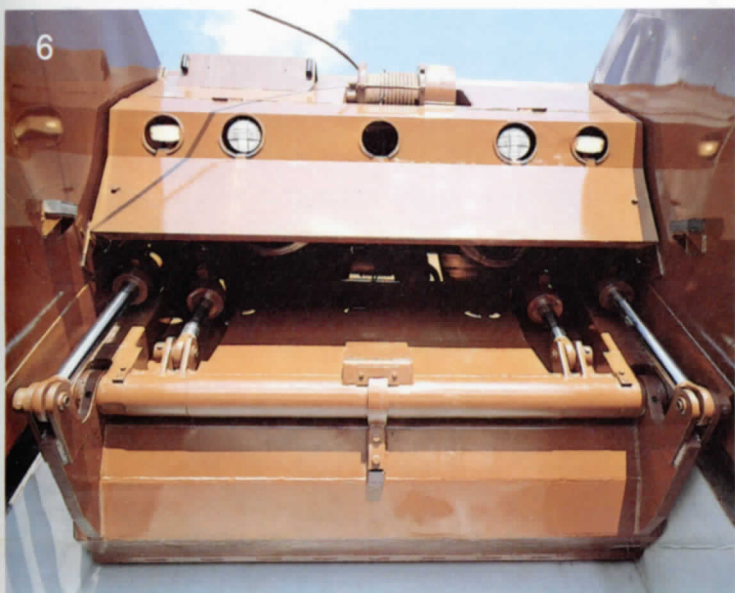
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nd Generation Norba



Ki-11



1. Lift for 300-800 l volume Norba bins and 120-660 l volume European standard bins.
2. Winch for 3-8 cu.m Norba containers.
3. Winch for 3-8 cu.m Norba containers.
4. Double control system. The operator allows to select either push buttons or levers for the operation of the loading cycle. The lifts are controlled by levers.
5. The rams for the packer and carriage plates have spherical bearings to compensate for uneven loads.
6. The carriage plate runs in guides on blocks made of hardened, high-strength material and are easy to replace. The wear surfaces of the heavy duty packer plate like those of the hopper consist of high-strength wear-resistant steel.
7. Discharging is controlled by levers and throttle.
8. The automatic locking mechanism secures the tailgate against the body.
9. A discharge ejector plate that allows drainage of cleansing water. The effective rubber seal is easy to replace.
10. The Ki-11 equipped with bin lift and winch. The tailgates are prepared for easy mounting of different types of lifts.

Improvements

Maintaining the basic design, we are now introducing the second generation of the Ki-11 featuring a number of improvements including:

- Larger net body volumes (about 15%) for higher payloads. This is important for compaction of refuse with a low specific weight and particularly of bulky refuse.

Despite larger body volumes, the weight of the equipment is the same as before. We have achieved this important criteria by using new sheet metal which has substantially higher strength characteristics.

- A discharge ejector plate that allows drainage of cleansing water after the equipment has been flushed out before going into a garage for servicing.
- A back pressure system for improved compaction and distribution of the payload on the front and rear axles of the chassis.
- An effective rubber seal prevents leakage between the body and the tailgate. The new seal is mounted in a steel profile and can be changed in a matter of minutes.
- An oil tank designed to facilitate emptying and refilling of hydraulic oil. In addition, the oil tank assembly features easily accessible filters and controls for discharge.
- An optional hydraulically operated drum winch for 3-8 cu.m containers. The winch has been ap-

proved by the Swedish Board of Industrial Safety and mounts easily at the top of the tailgate, still within the overall height of the body.

Maintenance and spare parts

For rationalization of spare parts and maintenance the new Ki-11 has many components in common with another well-proven Norba Refuse Collector Body, the Ki-12. These components include: Electric control box, hydraulic package with controls, hydraulic oil tank assembly, ejector plate sliding blocks, bin hoist components.

The Ki-11S for industrial and bulky refuse

As before, the S-version of the Ki-11 for industrial and bulky refuse has been further improved. The S-features include: Thicker sheet metal for the rear of the body, side and roof sections, reinforced hopper and packer plate, stronger packer plate hydraulic cylinders.

The S-version of the Ki-11 is normally mounted on three-axle chassis and, therefore, the larger net body volumes will improve further on the payload these chassis allow.

NORBA

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