

**Dramatic new
advance in
refuse collection
from St. Regis**

KUKA "Shark"



**Why
"the 'Shark'?"
Look what it
can digest!**

**Maintenance is simple
and maintenance
costs are drastically
reduced!**



The Kuka "Shark" does the *whole* job of refuse collection. It won't get indigestion from:

- upholstered furniture
- rugs and carpets
- bundled newspapers
- steel drums
- automobile tires
- wooden crates
- mattresses
- television sets
- brush
- demolition and construction waste
- stoves
- bedsprings
- bicycles
- scrap metals
- plastics
- cardboard

Gone are all the hydraulics of conventional packer bodies. With all its ruggedness, the Kuka "Shark" is simple to take care of! The costly replacement items such as hydraulic cylinders, pumps, hoses, valves and fluid will never tie up a Kuka "Shark" in the maintenance shop!

Kuka "Shark" is the only packer body with a 19, 23, 25 or 27-yard hopper! The hopper simply *can't* be filled! The Kuka uses a direct drive from the engine through the power take-off. The rotating drum continuously feeds, crushes and compacts the refuse. A simple air system operates its rear gate.

There is no packer blade to be damaged, to wear, shatter and eventually replace. The feed is powerful, continuous, positive and *mechanical!*

Lower RPM's are required for packing, therefore reducing engine wear and extending the life of the chassis.

The Kuka "Shark" 's reduced maintenance pays off in three ways: drastically cut servicing costs per year per vehicle; less down time; longer vehicle life. And one vehicle that can do all collection jobs!

**Takes all kinds of
refuse. Slashes
maintenance costs.
Here's more:**



Continuous feed means no time lost on route for packing cycles. Just keep it running and keep feeding – it will keep up with *any* collection crew! Saves *hours* from a week's collection route.

So quiet, collections can even be run at night! No blade to bang. No noisy compaction cycle and motor strain. Quieter, lower engine R.P.M.'s required, plus sound insulated packer body.

Crushes – chews – compacts. Refuse is broken down by progressive crushing and tearing against the spiral guide plate as it enters the rotating drum. Tumbling action carries the refuse forward, into the huge storage section. There, it is further compacted uniformly for efficient hauling. Ideally compacted for incinerator or landfill.

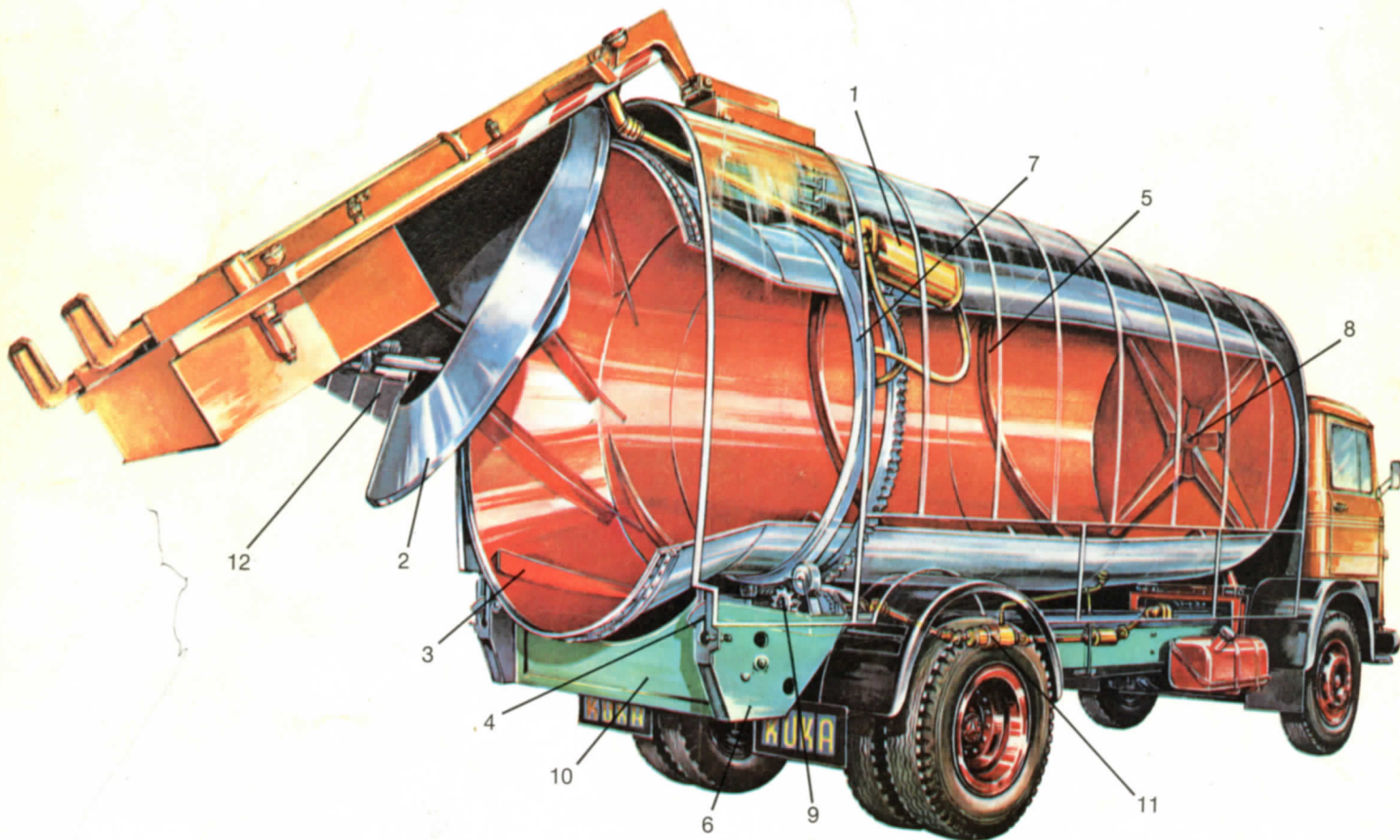
Another time-saving feature: horizontal discharge without dangerous tipping!

Here's one collection vehicle that will never have to teeter at the edge of a dump face. The tail gate opens with the touch of a button. Reverse the direction of the rotating drum and the processed refuse is discharged horizontally faster than a 'dozer can cover it!

What's your chassis choice? The Kuka "Shark" body is mountable on, and completely compatible with, the chassis of your choice.

**Here's the inside story
of Kuka "Shark"'s
low maintenance,
faster loading,
and quiet
operating features.**

1. Rear gate opened by air cylinders.
2. Incoming refuse is crushed and torn against spiral guide plate.
3. Teeth feed refuse into the rotating drum.
4. Automatic locking mechanism holds the rear gate locked shut under pressure.
5. Rotating drum with spiral guides carry refuse forward for compacting, and in reverse for discharging.
6. Rear drum support welded to sub-frame.
7. Storage drum support ring rests on two roller bearings.
8. Front bearing support with self-aligning roller bearing.
9. Reduction and pinion gear which drives the drum.
10. Sub-frame strengthens the chassis frame.
11. Safety clutch prevents overloading by automatically disengaging drum when completely loaded.
12. Retaining flaps – prevent refuse from falling back into hopper.



For further information on the Kuka "Shark" call or write:
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