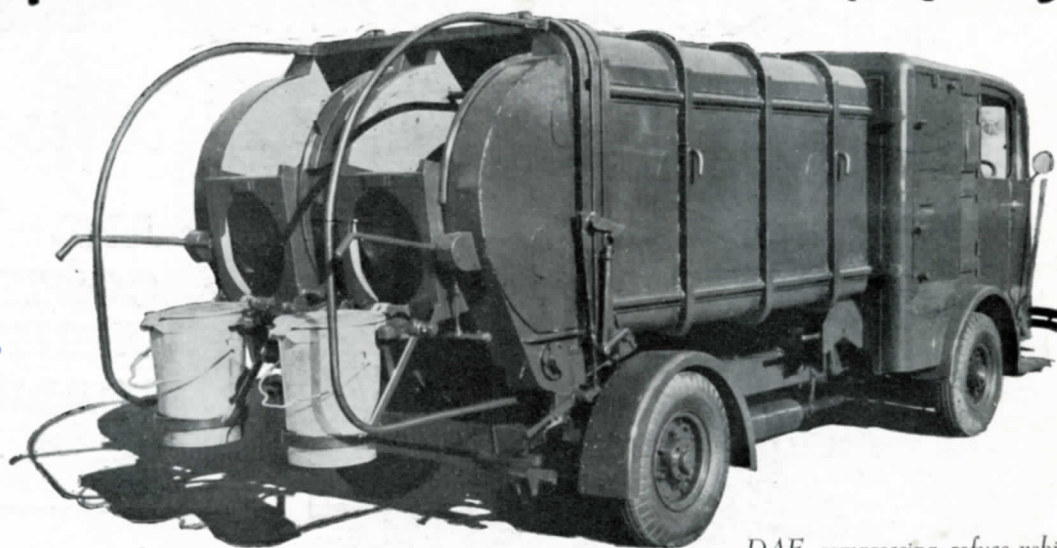


Dustproof and automatic emptying of buckets



DAF compressing refuse vehicle with full-automatic bucket tipping device.

Municipal Cleansing Departments using dustbins of a uniform type can employ the interesting new DAF system for dust-free automatic emptying.

The bucket tipping device is installed at the back of the vehicle and the only thing the operator has to do is:

Pulling a lever, the conveyor raises the bucket to be emptied and places it upside down on the discharge aperture. The rim of the bucket fits the opening precisely.

Automatic jerking movements ensure a thorough emptying, after which the bucket is automatically lowered and can be removed. When another bucket is attached to the conveyor within 10 seconds after the first, then the same operation is repeated automatically. Beyond this time it is necessary to pull the lever again.

It will be evident that the working time per bucket is considerably reduced. While the conveyor empties the bucket, the operator picks another to place it on the conveyor when the first is taken off.

The two bucket tippers are operating quite independently of each other. The first bucket is moved up, while the second one is already emptied and about to come down.

The discharge aperture is opened only just before it is reached by the bucket and is closed immediately after the bucket comes down.

Of course this automatic bucket tipper can be installed on refuse vehicles of any type, including the conventional type with fixed body and those with separate loading containers.

COMPRESSION OF REFUSE WASTE.

The bucket tipping device is combined with blades which scoop up the material deposited from the bucket to push it further into the body. When the body is completely filled with loose waste, loading can go on, as the blades will compress the contents.

Patents reserved.



2 Saving journeys to the refuse dump



DAF refuse collector

Patents reserved.

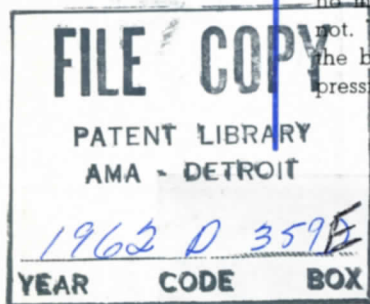
No doubt the DAF refuse collecting vehicle of the compressing type is a contribution towards economizing refuse collection in large towns.

DAF has introduced an entirely new system to solve the problem of continuous loading. The refuse, which is dumped in the chute tray is progressively distributed and compressed within the body of the vehicle. There are

no more interruptions

during the work. This has been attained by installing two pressing rams in the chute tray at the back, which are continuously operating, no matter whether the vehicle has halted or not. The waste is constantly pushed up into the body until it is filled to the top. The pressing rams are driven by the truck engine.

DAF



INCREASED LOADING CAPACITY.

Owing to the compression, the body can receive a much greater quantity of material (about the double capacity), than what it would receive without compression. This reduces the frequency of trips up and down to the dumping ground.

HYDRAULIC TIPPING GEAR

To discharge the body, it is tipped backward. The rear panel with chute tray is automatically lifted by steel ropes running over the body and fastened to the chassis frame and the contents are emptied on the ground.

SEVERAL OTHER TECHNICAL FEATURES

of minor importance but altogether facilitating the operation are incorporated in the DAF refuse collector. We mention: speaking tube at the rear where the loaders can direct the driver in the cabin; running boards at both sides of the chute tray on which the operators can make the trip to their working district; automatic alarm-bell to warn the neighbourhood; a small opening in the right hand door of the cabin, which makes it easy for the driver to follow the kerb, etc.

DAF refuse collecting vehicles in many years of regular service, have sufficiently proven their efficiency and reliability.

The body is tipped for emptying and the chute tray is automatically lifted. The drive of the pressing device is interrupted, but when the body comes back in the horizontal position a dog-clutch engages the drive again.



VAN DOORNE'S AANHANGWAGENFABRIEK - EINDHOVEN (HOLLAND)
BURGHSTRAAT 50 - TELEFOON 5544 (5 LINES)