



**FAUN self-collecting road sweeper Type AK 3 H**

GRU 56

# NEW!

## Function of sweeping mechanism and emptying of refuse container by oil-hydraulic.

An oil-pump driven by the engine of the vehicle is compressing the oil up to 100 atü (1420 p.s.i.), thus driving the sweeping mechanism and the hydraulic equipment which empties the refuse container.

The circular brushes and the broom belt can be inserted and eliminated independently allowing each sweeping activity to work separately.

Safety valves prevent an overcharging of the sweeping mechanism. Furthermore the AK3H Street Sweeper is equipped with tachograph and sweeping odometer.

The refuse container is emptied hydraulically from the driver's seat.

The new FAUN self-collecting Road Sweeper AK3H meets all demands in respect to hygienic and rational cleaning of roads in modern cities.

The AK3H cleans accurately even uneven road surfaces. The sweeping range is 2200 mm (87 in), the sweeping performance up to 20.000 sq. meter (215.000 sq. ft.) on normal road surfaces. Depending on the amount of dirt to be removed the sweeping speed will vary between 3—14 km/h (1.8—8.7 m.p.h.).

The excellent steering of the AK3H allows a turning in narrow roads, an easy driving around small traffic islands and around parking vehicles. The full-sight-driver's cab gives excellent observation of the road.

**Clean roads -**

**Clean places - by self-collecting**

**Pick-up-road sweeper AK3H**





## The excellent observation of the road

through the steering wheel makes the sweeping for the driver very easy.

The inside photo shows the left side of a double steered road-sweeper with an oil-engine and oil-pressure pipes as well as the left gutter broom.

All equipment and instruments for attendance and supervising are easy to reach and to observe.

Air-filter of the Diesel-engine.

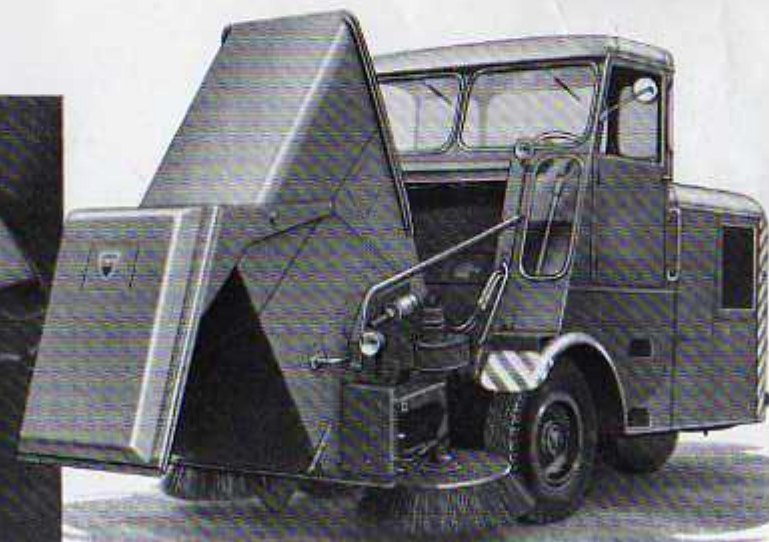
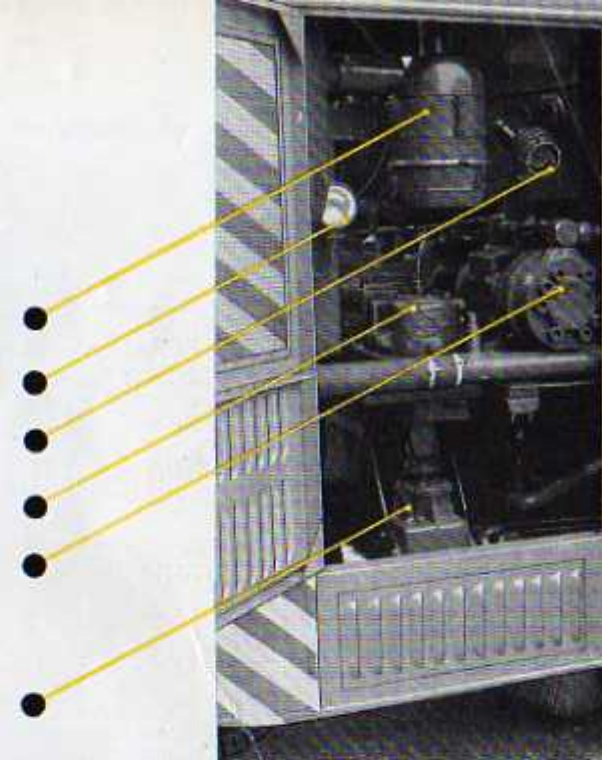
Vacuum-gauges for the air-filter.

Filling-pipe with by-pass valve for the water-tank 510 litres (110 gal.) to moisten the street.

Upper bell-crank drive for vehicle-drive.

Oil-pump, producing the oil-pressure for the hydraulic equipment. The oil pump is driven by the engine of the vehicle.

Lower bell-crank drive for vehicle-drive.



One simple operation is sufficient to empty hydraulically the refuse collector in a few seconds. The opening and closing of the cover occurs full automatically.

**- indispensable for the hygiene of a modern city!**

# NEW!

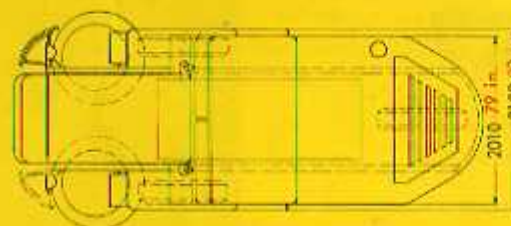
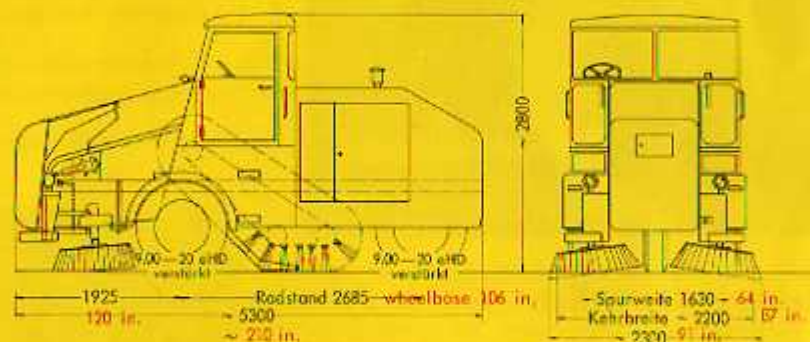
## Function of sweeping mechanism and emptying of refuse container by oil-hydraulic

An oil-pump compresses the oil (to up to about 100 atü [1420 p.s.i.]) and drives the oil-motors of the sweeping mechanism. Each sweeping unit can be operated separately. The hydraulic drive of the brooms gives a quiet and smooth movement. Safety valves prevent an overcharging of the aggregates.

**Further technical improvements:** Better observation of the gutter brooms from the driver's seat. Panel equipped with tachograph, sweeping odometer, BOSCH heating.

## TECHNICAL DATA OF THE AK 3 H

<b>Engine:</b>	70 HP DIN Diesel engine
<b>Electrical equipment:</b>	1 battery 12 V 84 Ah, 1 dynamo, 1 electrical starter
<b>Transmission:</b>	4 speeds forward, 1 reverse
<b>Brakes:</b>	footbrake: expanding brake, acting by compressed air on front axle handbrake: mechanical, acting on front axle drive
<b>Tires:</b>	3-fold, 9.00—20 eHD reinforced
<b>Chassis:</b>	3-wheel vehicle with driven front-axle, single steerable rear wheel
<b>Measurements:</b>	Wheelbase . . . . . 2685 mm 106" Overall length . . . . . 5330 mm 210" Overall width (over disc brooms) . . . . . 2300 mm 91" Overall height . . . . . 2800 mm 110"
<b>Broom-belt:</b>	endless, equipped with interchangeable Plassava-brooms
<b>Speeds:</b>	up to 30 km/h (= 18.6 m.p.h.) empty, loaded 20 km/h (= 12.50 m.p.h.)
<b>Turning radius:</b>	1.6 m inside = 5.28 ft.
<b>Sweeping range:</b>	2.2 m = 87"
<b>Sweeping performance:</b>	about 30,000 sqm./h = 322,000 sq.ft./h
<b>Sweeping speed:</b>	3—14 km/h = 1.8—8.7 m.p.h.
<b>Capacity of refuse collector:</b>	2 m <sup>3</sup> = 70 cb.ft.
<b>Capacity of water tank:</b>	510 l = 137 US gal.
<b>Number of gutter brooms:</b>	2, one at the left and one at the right, raising and lowering by compressed air.



MODIFICATIONS RESERVED



FAUN-WERKE · NÜRNBERG