



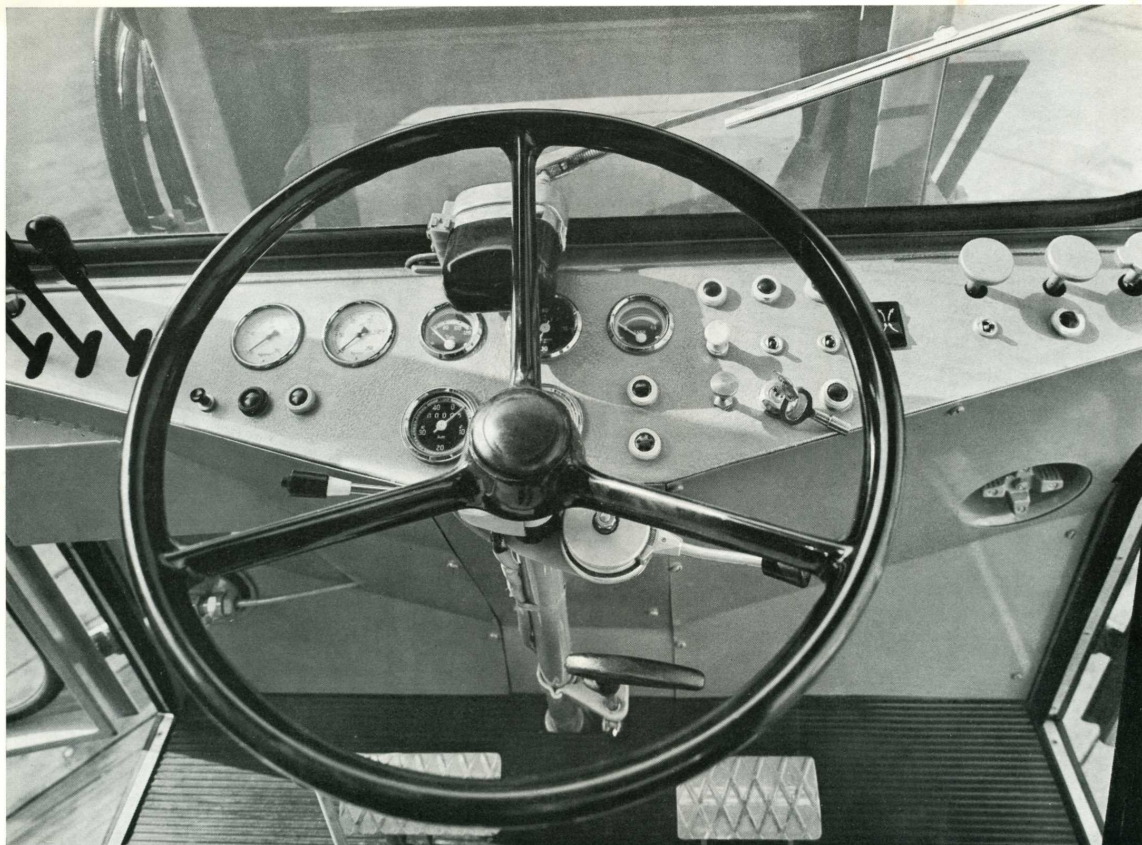
# Rapid 15

The road sweeper collector with fully pneumatic refuse take up

The **Rapid 15** is a road sweeper collector designed in accordance with the most modern principles. Its outstanding features include an above average performance. Graded power transmission enables the sweeping speed to be adapted to the degree of dirt pollution. The minimum speed of .81 m.p.h.

may be maintained **indefinitely**. Another decisive advantage of the **Rapid 15** is the hydraulic drive for the refuse take-up system and for the gutter brushes. External styling, drive, manoeuvrability, operation and maintenance conform to the latest technical development.





**Neatly grouped dashboard:** Revolution counter for the blower, speedometer, thermometer, fuel gauge, signal lamps. Elapsed hour recorder and two oil pressure gauges for the hydraulic system.



**This anatomically shaped floating seat with side adjustment** is part of the standard equipment. The driver's cab comprises press-formed steel sections and in its standard version is thoroughly insulated against noise. Two positive features, greatly valued by the driver.



**Rapid**



The tipping height is 4'44". Completely dust-free emptying of the dirt hopper of 1.5 cu. yds. capacity is hydraulically controlled from the driver's seat. The tipping height permits direct emptying into large containers, standard containers, tipper trailers and the like. Closing of the dirt hopper flap is also hydraulic and is effortlessly controlled with a lever in the driver's cab.

**Sweeping unit and wheels.** The combined, specially shaped pressure and suction nozzle and its new secondary air ventilation system (**unique**) ensure completely dustfree refuse take-up.

The large front wheels provide good adhesion and exceptionally low tyre wear. This wheel size also permits the use of large brake drums. The vehicle can easily ride even over the highest kerbstones.



**Rapid**



# Technical specifications

## 1. Dimensions:

Length	11'10"
Height, without roof ventilator	6'10 <sup>1</sup> / <sub>2</sub> "
Width, without brushes	4'8"
Wheelbase	6'4 <sup>3</sup> / <sub>4</sub> "
Track, front	3'10 <sup>1</sup> / <sub>4</sub> "
Internal turning circle	2'11 <sup>1</sup> / <sub>2</sub> "
Sweeping width	5'9"
Dirt hopper	1.5 cu. yds.
Tipping height	4'4"
Permissible payload	17 cwt. 3 qr.
Weight without payload with driver and water	2 tons 4 cwt.
Sweeping speed	.8 to 8.7 m.p.h.
Travelling speed	Max. 15.5 m.p.h.
Sweeping rate	up to 30,000 sq. yds/h.

## 2. Chassis:

Torsion-resistant chassis of seamless tubular sections.

## 3. Engine:

4-cylinder petrol engine  
Ford 2264 E 1600 cc  
Output 32 hp  
The motor incorporates a six-bladed fan arranged for delivery.  
Fuel tank capacity approximately 8 gallons.

## 4. Brakes:

Hydraulic brakes acting on all wheels.  
Mechanical hand brake acting on front wheels.

## 5. Tyres:

Front	7.50 x 10 inch, 10 ply
Rear	6.00 x 9 inch, 10 ply

## 6. Steering:

Mechanical steering of the rear wheels.  
Provides the vehicle with exceptional manoeuvrability.

## 7. Driver's cab:

Special structure of pressed steel sections. Well insulated against noise. The floor is covered by a rubber mat. The driver's cab is equipped with an anatomically shaped seat arranged for side adjustment.

The standard equipment incorporates the following items: dual purpose roof ventilator, internal illumination, wind-screen washer system, defroster, and convenient winder-operated windows.

## 8. Electrical system:

**Battery:** 12 V' 87 Ah.

**Illumination:** Two headlamps with dipped and parking lights at the front. Two direction flashers, two brush lamps.

At the rear: two triple clusters with rear light, brake light and direction flashers, reversing light.

**Instruments:** Revolution counter for the blower, speedometer, water temperature gauge, fuel gauge, elapsed hour recorder and two oil pressure gauges for the hydraulic system.

**Signal lamps:** for oil pressure, battery charging, flashers, dipped headlight, water system, hydraulic filter, brush lamps, reversing light.

**Signal horn:** electrical.

## 9. Water spraying system:

Water tank capacity approximately 44 gallons.

Self-priming centrifugal pump.

Spraying nozzles: three at the front in front of the gutter brushes, one in the suction tube.

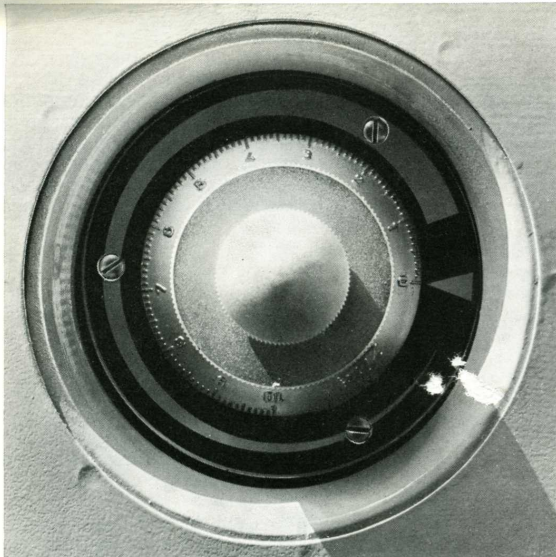
Spraying ring: in the suction nozzle.

## 10. Hydraulic equipment:

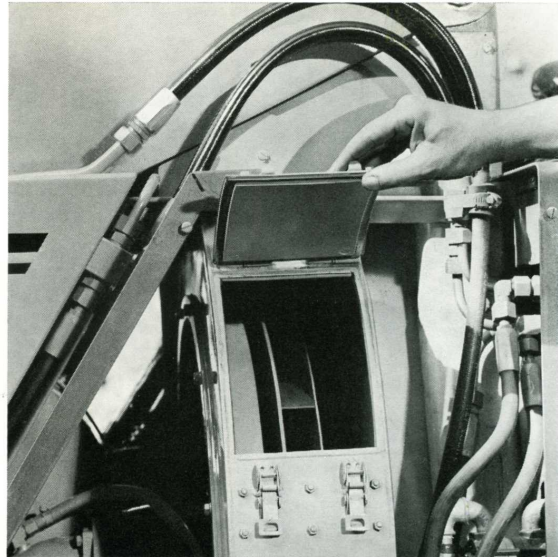
The blower for the pneumatic refuse take-up system and the gutter brushes are hydraulically driven. Emptying is hydraulically controlled.

## 11. Standard equipment:

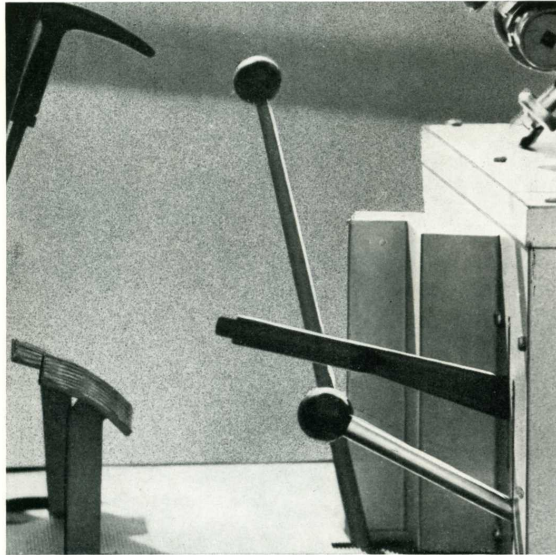
Hazard warning system. Two large reflectors for monitoring the gutter brushes. Two external rear view mirrors and one internal rear view mirror. Tool box with conventional tools and a special spanner, hazard warning triangle, instruction booklet, spare parts list and maintenance instructions.



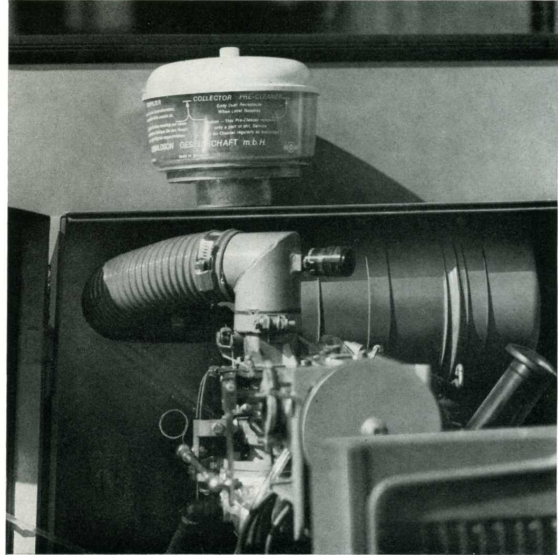
Stepless adjustment and locking of the blower speed



Easily accessible inspection flap for the blower



Gear lever and hand brake are conveniently located



Double-acting air filter system protects the engine

# Rapid

## SHELVOKE AND DREWRY LIMITED

Icknield Way, Letchworth, Herts. SG6 1EN Telephone Letchworth 2234. Telex 825556

A Butterfield-Harvey Company

6

