

Refuse Collection Micro (RCM) NEW R-LINE



HYVA[®] PRESS

NEW R-LINE REFUSE COLLECTION MICRO (RCM)

PART OF OUR WASTE HANDLING FAMILY

These R-LINE RCMs are designed to work alongside other Hyva waste handling products. For example, the RCM03 or RCM07 could be paired with a 22m³ Mega RCB -- a so called 'Satellite concept' configuration. Similarly, the RCM10 could be paired with an SC Medium -- a so called 'Transfer concept' configuration. The mini collectors (RCM03, RCM07 and RCM10) can easily access and collect refuse from small or narrow city streets, transport the load a short distance and discharge it into the SC Medium. When full, the Mega RCB or Container can then transport the waste to its final disposal destination. This smart logistics solution means fewer driving miles and delivers cost and environmental savings.



RCM03



RCM07

More payload

No leakage

Better driving comfort

BENEFIT FROM THE HYVA ADVANTAGE

More payload

The RCM range is a refined piece of engineering where thicknesses and materials are optimised for a weight saving up to 10%. This creates potential for more payload.

No leakage

The RCM body is a closed container and watertightness is guaranteed.

No liquid losses

Bins are lifted vertically and then rotated only when they are above the loading mouth. This prevents all solid and liquid losses and makes the RCM suitable for collections of glass and biodegradable wastes.

Better driving comfort

The trapezoidal structure of the container with the top or integrated compaction system serves to shorten the overhang, and give a better axle load distribution for better driving comfort.

Improved safety

The hydraulic and electrical system with various protection plates covering cylinders and hoses complies with CE standards.



RCM10

INNOVATIONS THAT BRINGS A BETTER ENVIRON

Container

High tensile steels for abrasion resistance and longer

Container

No Leakage by the trapezoidal container.

Container

Light weight container for more payload.

Electric system

Movement operated by the electrical CE certified system.

Unload angle

High tipping hinge for dispose into other compactor.

Bin lifter

Lift 120L/ 240L/ 360Lbins with a 70% water level without spillage or leakage.



SUCCESS FACTORS

- Small vehicle to enter narrow street and small area, door to door collection.
- Connect as Transfer concept to dispose the waste into MC or SC concept.
- Connect as Satellite concept to dispose the waste into RCB concept.

RCM03

Roller shutter

Roller shutter plate to cover the waste.

Loading and unloading

Unloading of the body from the cabin for safe operation.

Side door

Manual door for convenient manual loading.

Stabilizer legs

For more stability during the discharging.

Manual throttle

Control to speed up the cycle time of the

Better driving comfort by better axle load distribution of the vehicle.

INNOVATIONS THAT BRINGS A BETTER ENVIRON

Container

High tensile and wearable steels for longer lifetime.

Container

Light weight container for more payload.

Unload angle

High tipping hinge for dispose into other compactor.

Bin lifter

Lift 120L/ 240L/ 360L/ 660L/ 1100L bins with a 70% water level without spillage or leakage.

Container

No Leakage by the trapezoidal container.



SUCCESS FACTORS

- Small vehicle to enter narrow street and small area, door to door collection.
- Connect as Transfer concept to dispose the waste into MC or SC concept.
- Connect as Satellite concept to dispose the waste into RCB concept.

RCM07

Carriage plate

To compact the waste into the container.

Sweeper plate

To sweep the waste into the container with high capacity.

Loading and unloading

Unloading of the body from the cabin for safe operation.

Container

Smooth side wall for better appearance.

Better driving comfort by better axle load distribution of the vehicle.

Stabilizer legs

For more stability during the discharging.

Collection efficiency

Higher capacity can automatic be set.

Electric system

Movement operated by the electrical CE certified system.



INNOVATIONS THAT BRINGS A BETTER ENVIRON

Maintenance

Top door convenience maintenance.

Integrated high compaction system

for high compaction ratio and more payload.

High tensile

steels for longer lifetime and more durable.

Rear door

To open for manual loading of bags.

Bin lifter

Lift 120L/ 240L/ 360L/ 660L/ 1100L bins with a 70% water level without spillage or leakage.

Scow End Container

To prevent leakage or spillage.

Container

Light weight container for more payload.



SUCCESS FACTORS

- Small vehicle to enter narrow street and small area, door to door collection.
- Connect as Transfer concept to dispose the waste into MC or SC concept.
- Connect as Satellite concept to dispose the waste into RCB concept.

RCM10

Ejector

Mounted on nylon sliding bearings for smooth operation.

Collection efficiency

Higher capacity can automatic be set.

Loading and unloading

Unloading of the body from the cabin for safe operation.

Sewage pipe

Sewage hose for drainage of the container.

Electric system

Movement operated by the electrical CE certified system.

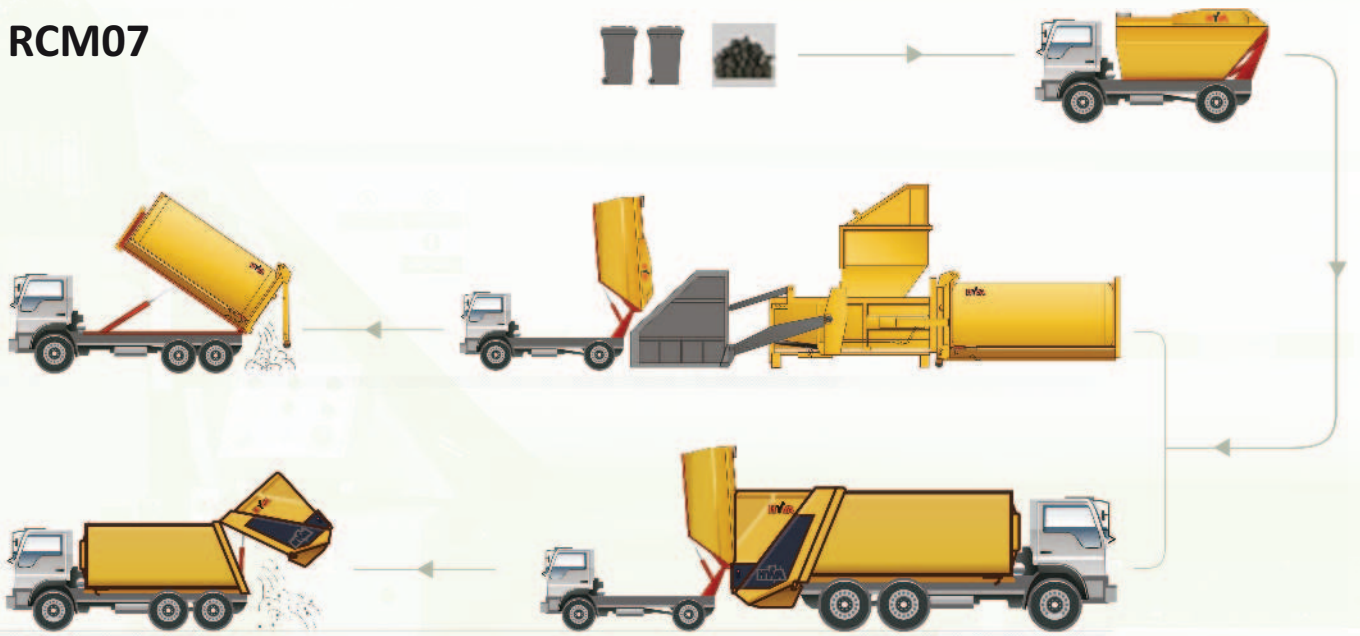
Better driving comfort by better axle load distribution of the vehicle.

WORKFLOW

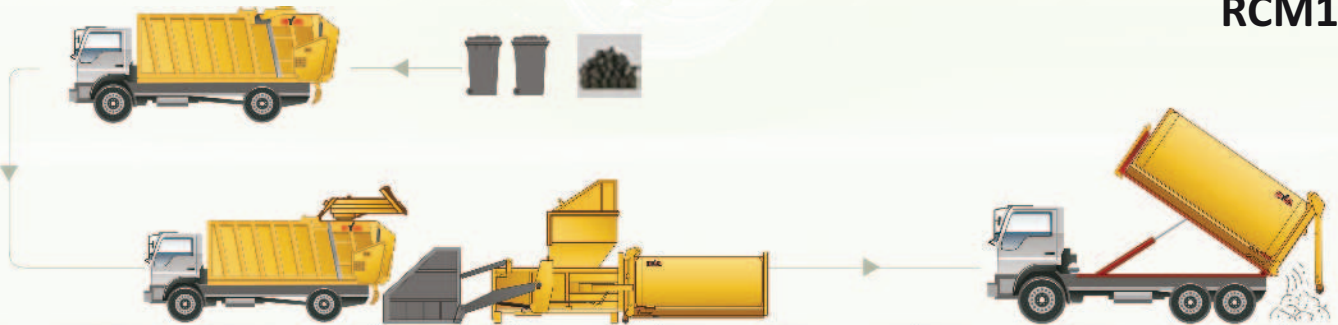
RCM03



RCM07



RCM10



SPECIFICATIONS

Item	Specifications		
Body type	RCM03	RCM07	RCM10
Recommended GVW (kg)	2000-4000	5000-8000	8000-12000
Body size (L*W*H) (mm)	2695x1555x1470	3965x1885x1674	4953x2290x1760
Super structure total weight (kg)	610	1900	3800
Size body (m ³)	3.5	7	10
Bin lifter capacity (kg)	250	500	500
Bin type	EN 840 - 120L/240L	EN 840 - 120L/240L/660L/1100L	EN 840 - 120L/240L/660L-1100L
Bin lifter cycle time (sec)	14	15	19



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