

Refuse Collection Micro (RCM) NEW R-LINE



DEALER STAMP

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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.

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 water-tightness 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.



RCM03



RCM07



RCM10

INNOVATIONS THAT BRINGS A BETTER ENVIRONMENT

RCM03



Compaction System
for compaction and better loading

Container
No Leakage by the trapezoidal container.

Roller shutter
Roller shutter plate to cover the waste.

Container
Light weight container for more payload.

Loading and unloading
Unloading of the body from the cabin for safe operation.

Electric system
Movement operated by the electrical CE certified system.

Side door
Manual door for convenient manual loading.

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.

Stabilizer legs
For more stability during the discharging.

Manual throttle
Control to speed up the cycle time of the bin lifter.

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

- 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.

INNOVATIONS THAT BRINGS A BETTER ENVIRONMENT

RCM07



Container
High tensile and wearable steels for longer lifetime.

Carriage plate
To compact the waste into the container.

Sweeper plate
To sweep the waste into the container with high capacity.

Container
Light weight container for more payload.

Loading and unloading
Unloading of the body from the cabin for safe operation.

Unload angle
High tipping hinge for dispose into other compactor.

Container
Smooth side wall for better appearance.

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

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

Container
No Leakage by the trapezoidal container.

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.

- 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.

INNOVATIONS THAT BRINGS A BETTER ENVIRONMENT

RCM10



Maintenance
Top door convenience maintenance.

Container
Light weight container for more payload.

Ejector
Mounted on nylon sliding bearings for smooth operation.

Integrated high compaction system
for high compaction ratio and more payload.

Collection efficiency
Higher capacity can automatic be set.

High tensile steels
for longer lifetime and more durable.

Loading and unloading
Unloading of the body from the cabin for safe operation.

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.

Sewage pipe
Sewage hose for drainage of the container.

Scow End Container
To prevent leakage or spillage.

Electric system
Movement operated by the electrical CE certified system.

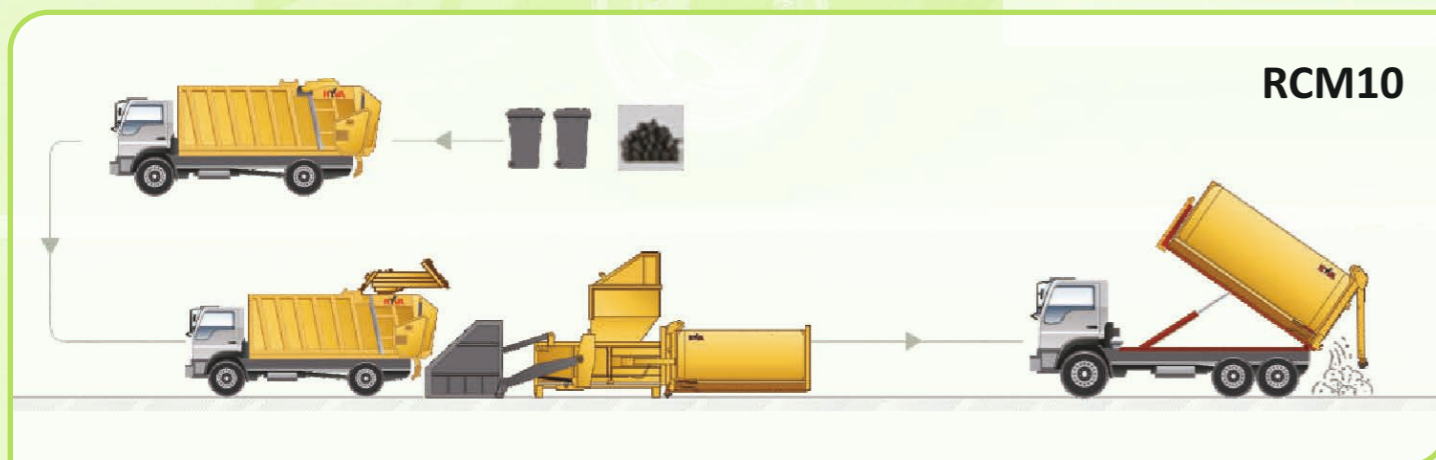
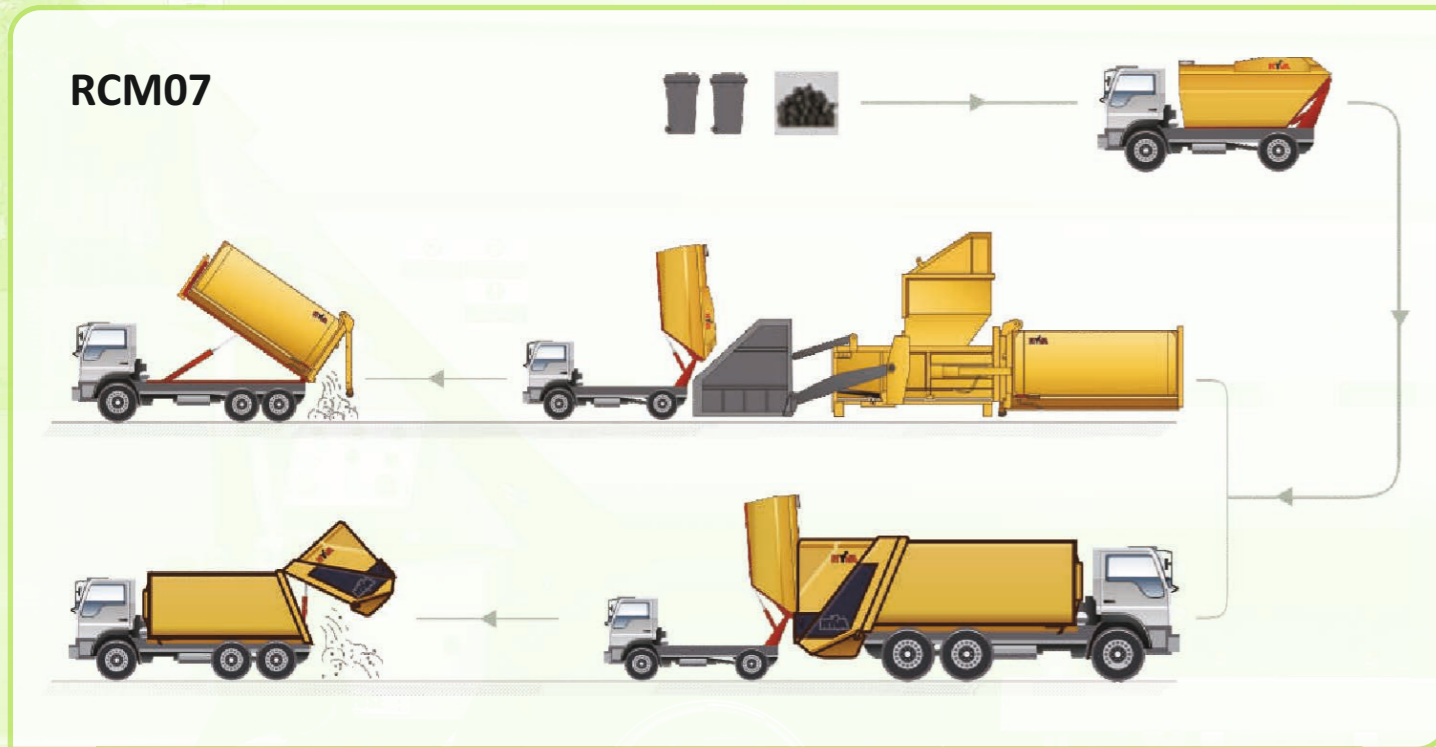
Better driving comfort by better axle load distribution of the vehicle.

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.

WORKFLOW

SPECIFICATIONS



Item	Specifications		
Body type	RCM03	RCM07	RCM10
Recommended GVW (kg)	2000-4000	5000-8000	8000-12000
Body size (L*W*H) (mm)	2801x1514x1473	3965x1885x1674	4953x2290x1760
Super structure total weight (kg)	870	1900	3800
Size body (m ³)	3.5	7	10
Bin lifter capacity (kg)	250	500	500
Bin type	EN 840 - 120L/240L/360L	EN 840 - 120L/240L/360L/660L/1100L	EN 840 - 120L/240L/360L/660L-1100L
Bin lifter cycle time (sec)	14	15	19

