

Waste Collector

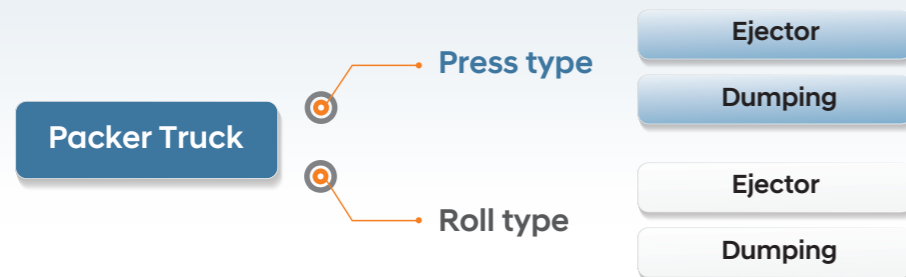
Packer Truck

The Packer reduces the volume of residential or industrial waste loaded into the container using compression and a rotating plate to push waste from the hopper into the container. It then employs an ejector or dumping system to discharge the load.

Packer trucks are capable of handling oversized and small-volume waste with equal ease making them suitable for both household as well as industrial waste disposal.

* The equipment which attaches to the rear part of waste collector truck makes it possible to compress garbage and pick up garbage bags.

* Packer trucks are classified as press- or roll-type.

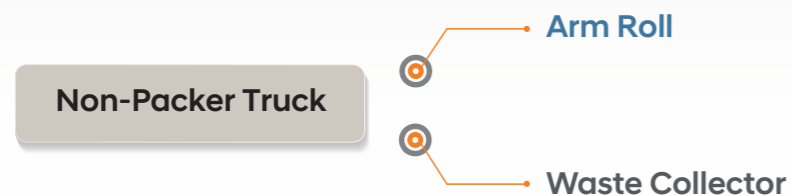


Non-Packer Truck

Non-packer trucks hook and lift roll-off garbage containers placed at designated spots and transport them to landfills where the waste is dumped.

The automated pick up and dumping mechanism offers great savings in time, cost and efficiency in transportation.

* Depending on the type of attached method, non-packer trucks are classified as either Arm Roll (hook arm-type) or waste dump (tipper).



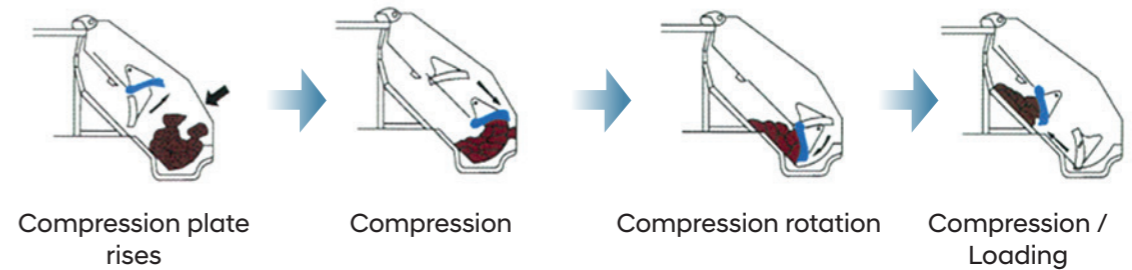
Waste Collector Press Pack



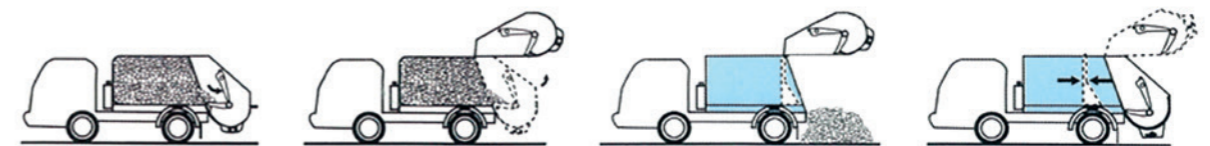
with Dumping

- Press pack is suitable for large scale waste collection
- Enhanced convenience with installation of a packer operating switch (Auto) and discharging switch inside the cab
- Possible to use emergency button under dangerous situation
- PTO must be specified when ordering press pack vehicles

Operation Sequence



with Ejector



with Dumping



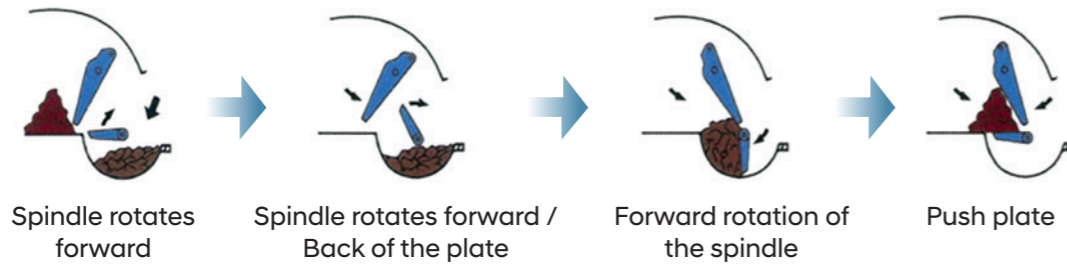
Roll Pack



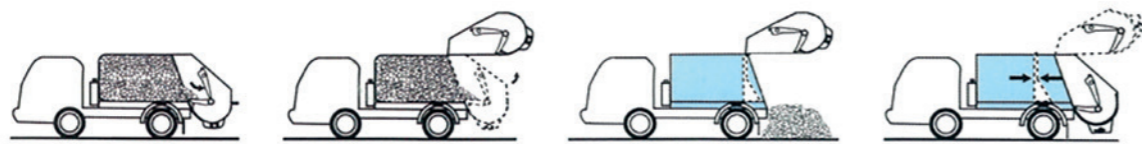
with Dumping

- Roll pack is perfectly suited for daily collection of standard plastic garbage bags
- Enhanced convenience with the installation of a packer operating switch (Auto) inside the cab
- Equipped with an emergency off button for added safety
- PTO must be specified when ordering the above vehicle

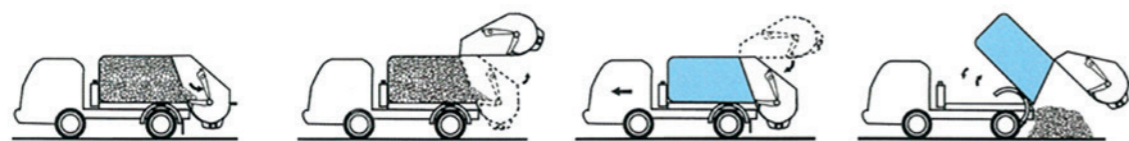
Operation Sequence



with Ejector



with Dumping



Body



Garbage container

Press / Roll
HD65 ~ HD260
* Round Type
High Tension Steel (ATOS60)
Note:
Packer truck Standard



Packer (press-type)

Press
HD65 ~ HD260
Loading speed : 12~16 sec
High Tension Steel (ATOS60)
Note:
Packer truck Standard



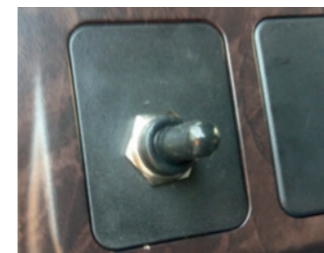
Packer (roll-type)

Roll
HD65 ~ HD260
Loading Speed : 10~15 seconds
High Tension Steel (ATOS60)
Note:
Packer truck Standard



Press pack internal controller

Press
HD120 ~ HD260
Note:
Manual Type Standard



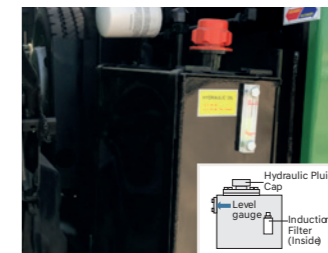
Operation switch (Auto control type only)

Press / Roll
HD65 ~ HD260
Uses: Switches to pick up the remaining load when the packer is raised
Note:
Packer truck Standard



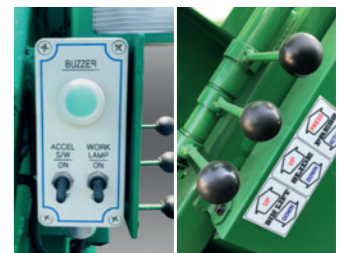
Front control lever (manual)

Press / Roll
HD65 ~ HD260
* Ejector and Hopper
Note:
Press Packer Truck Standard



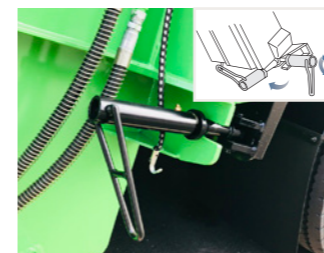
Hydraulic reservoir

Press / Roll
HD65 ~ HD260
Recommended Oil : ISO VG hydraulic oil ISO VG 56 - the tropics
Note:
Packer truck Standard



Manual control system

Press / Roll
HD65 ~ HD260
Note:
Packer truck Standard



Packer locking device (manual)

Press / Roll
HD65 ~ HD260
The packer must be locked all time when driving on the road.
Note:
Packer truck Standard



Sewage drain lever

Press / Roll
HD65 ~ HD260
LH/RH bottom of the hopper
Note:
Packer truck Standard



Cabin-mounted controller

Press / Roll
HD65 ~ HD260
Note:
Standard when auto control system is selected



Auto control system (button-type)

Press / Roll
HD65 ~ HD260
* Manual lever also included
Note:
Packer truck Option 1

Waste Collector

Press Pack / Roll Pack

Body



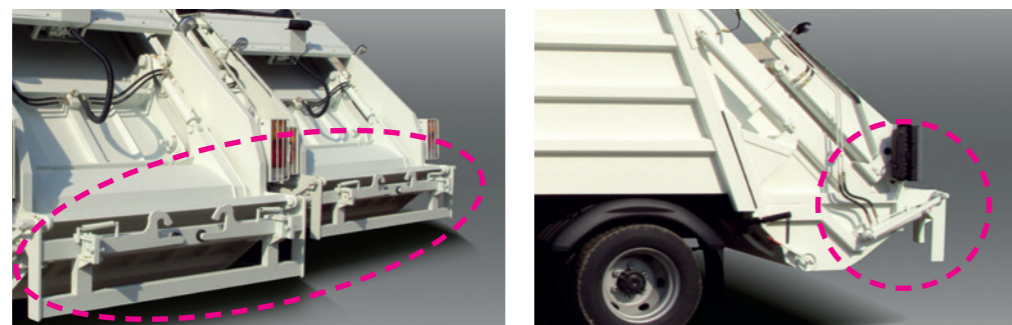
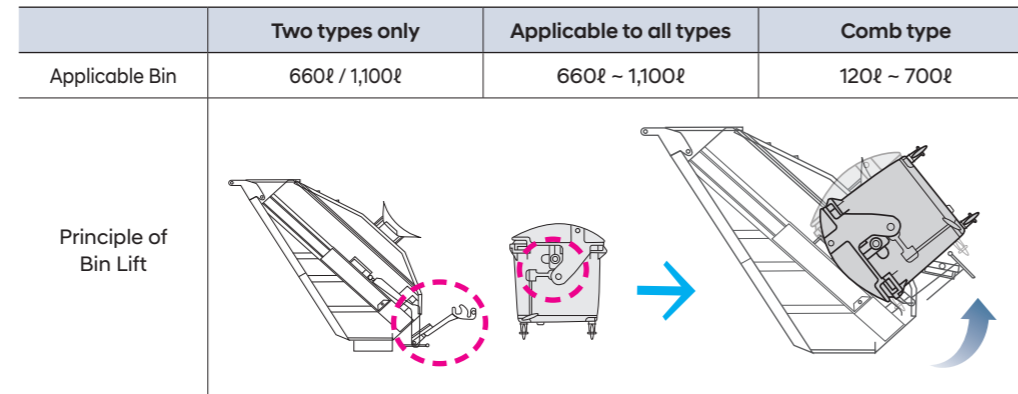
Bin Lift

Press / Roll
HD65 ~ HD320

Note: Option2

Option 2

- Hook automatically picks up the waste bin
- Basic dimensions of waste bins are universal
- Standardized bin lifts are 600ℓ and 1,100ℓ, but 1,100ℓ bin lift is commonly used
- Common bin lift is classified with 600ℓ to 1,100ℓ. Possible to attach to middle- and large-size vehicles
- Difference between 600ℓ and 1,100ℓ is the control valve size (600ℓ: ½", 1,100ℓ: ¾")
- For more information about your individual requirements, contact the Special Vehicle Team or your local distributor.



Application of Bin Lift

Line-up

Model	Size (M ³)		Charging	Discharging	
	Container	Hopper			
PRESS PACK	HD65 Narrow/Wide	4.3	0.5	Press	Ejector
	HD72	6	0.5	Press	Ejector
	HD120	8.5	0.7	Press	Ejector
	HD120	9.5	0.7	Press	Dumping
	HD120	11	1	Press	Ejector
	HD160/170	16	1.2	Press	Ejector
	HD260	21	1.2	Press	Ejector
ROLL PACK	HD65 Wide	4.2	0.5	Roll	Dumping
	HD120	9.5	0.6	Roll	Dumping
	HD120	9.5	0.6	Roll	Ejector

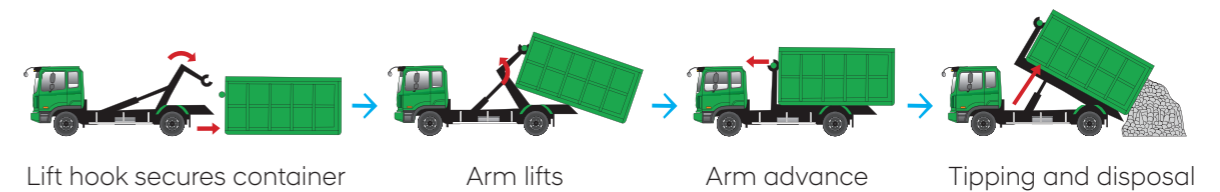
Waste Collector

Arm Roll



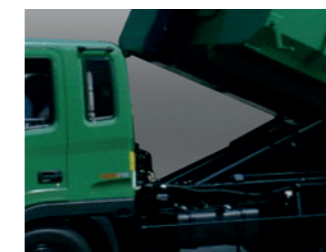
- Arm roll container box is optional (all C/Cab)
- HD120 and above features 2-cylinder type arm roll
- PTO must be specified when ordering the Arm Roll vehicle

Operation Sequence



Hook arm

Arm Roll
HD65 / 120 / 260
Material : ATOS
Note: Arm Roll Standard



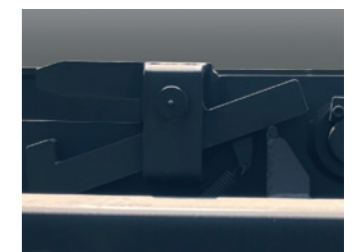
Dumping system

Arm Roll
HD65 / 120 / 260
Note: Arm Roll Standard



Rear roller (2 each)

Arm Roll
HD65 / 120 / 260
Note: Arm Roll Standard
Standard



Box locking device

Arm Roll
HD65 / 120 / 260
Note: Arm Roll Standard



Control lever

Arm Roll
HD65 / 120 / 260
Note: Arm Roll Standard



Arm roll box

Arm Roll
HD65 / 120 / 260
* Include top cover (HD65 ~ HD120)
Note: Option 1

Option 1

- For more information about Arm roll box contact the Special Vehicle Team
- Above HD170, Arm Roll Box top cover is not included. If customers need, please contact special vehicle team

Arm roll box specifications

	HD65	HD72	HD120	HD170	HD260
Box capacity	5.5m ³	6.5m ³	10m ³	15.4m ³	25.6m ³
Material	SS400 + SM490				
Thickness	3.2mm			4.5mm	

Waste Collection Tipper Truck



HD65



HD120



- Loading volume: HD65 (5.6m³), HD120 (11m³)
- Box material: SS400 (Floor / Front / Side)
- For more information about HD160, contact the Special Vehicle Team or your local dealer/distributor

Road Sweeper



HD170



HD260

- Road sweepers are available on the HD120, HD170, HD260 platforms.
- For more information, contact the Special Vehicle Team

Body



Upper cover lever (manual)

Waste Collection Tipper
HD65 / 120

Note: Standard



Rear view

Waste Collection Tipper
HD65 / 120

Note: Standard



Cylinder + safety stopper

Waste Collection Tipper
HD65 / 120

Note: Standard



Inside load tray

Waste Collection Tipper
HD65 / 120

Note: Standard

Road Sweeper Models



HD78



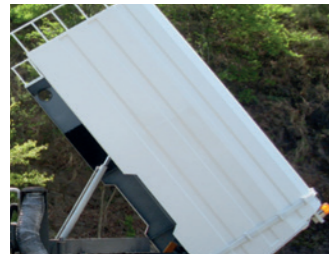
HD170



HD260



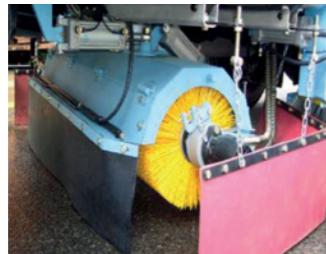
Body



Debris container

Road sweeper
HD 78 / 120 / 170 / 260

Note: Standard



Roller brush

Road sweeper
HD 78 / 120 / 170 / 260
* 1EA

Note: Standard



Side brush (2 each)

Road sweeper
HD 78 / 120 / 170 / 260
Material : Durable steel bar lifting, lowering and swiveling left and right is possible

Note: Standard



Blower

Road sweeper
HD 78 / 120 / 170 / 260
Material of fan : Stainless Steel

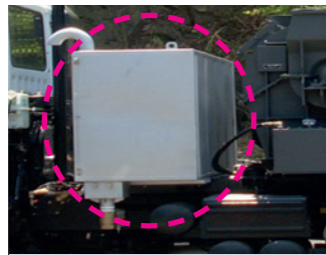
Note: Standard



Suction system (2 each)

Road sweeper
HD120 / 170 / 260
Material : Flexible rubber hose reinforced steel wire

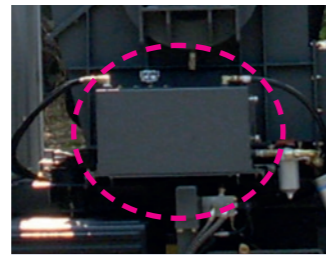
Note: Standard



Auxiliary engine

Road sweeper
HD120 / 170 / 260
Purpose : for driving of a turbo blower, a hydraulic pump and a water pump
Engine Type : 4 cylinder diesel engine, water cooled

Note: Standard



Water tank

Road sweeper
HD120 / 170 / 260
Material : Stainless Steel

Note: Standard



Controller

Road sweeper
HD120 / 170 / 260
* Attached inside of C/Cab

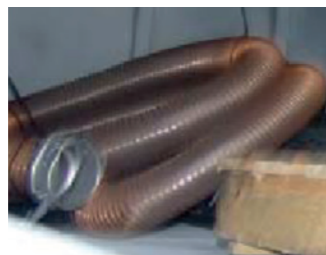
Note: Standard



Dust filter box

Press / Roll
HD65 ~ HD320
* Check the national regulation

Note: Option 1



Rear suction hose

Road sweeper
HD120 / 170 / 260
Material : Polyurethane
Length : 6m (max. 10m)

Note: Option 2



High pressure wash system

Road sweeper
HD120 / 170 / 260
* Include Hose reel

Note: Option 3



Auto grease injector

Road sweeper
HD120 / 170 / 260

Note: Option 4

Option 1

- Indispensable option for sandy, dusty environments

Body



Rear sign board

Road sweeper
HD120 / 170 / 260
Note: Option 5



Warning lamp

Road sweeper
HD120 / 170 / 260
Note: Option 6

Option 2

- Possible to detach and keep it in storage

Option 3

- High pressure system makes it possible to get equivalent effect of water sprinkler tanker

Option 4

- Facilitates proper maintenance

Option 5

- Enhances safety during night shifts

Option 6

- Large flashing warning lamps

Option 7_Road Sweeper (HD120 / 170 / 260)

- Some consumable parts must be replaced to maintain top operational performance
- Refer to the attached list

Recommended Spare Parts List

No.	Item	PART NUMBER	Remarks
1	Roller brush	Ø400 × 1400	
2	Side brush	Ø700 × 250	
3	Suction hose	Ø245 × 1650	
4	Rear door packing	35×21 × 1M	
5	Suction nozzle wheel	13621-S10ND	
6	Suction filter(Hydraulic Tank)	DOF-06 (PT3/4")	
7	Aux. Fuel filter	13,020,488	
	Filter Oil filter	12,272,453	
	DEUTZ 4D Air cleaner	68.08300-7056	
8	Belt DEUTZ 4D	Water pump belt	REC A-58
		Hydraulic pump belt	REC B-43
9	Roller brush rubber plate	210 × 1440 × 6	
10	Suction nozzle plate	6 m ³	
11	Spray nozzle	1/4 × Ø1.5	
12	In line filter element	DLF-06 (PT3/4") SUS Element	
		DLF-06 (PT3/4")	

Road Sweeper Operation Principle



Non-dust filter-type	Dust Filter-type
1) Brush rollers (with water jets)	1) Brush rollers (with water jets)
2) Forming and collecting dust sludge	2) Forming and collecting dust sludge
3) Suction (using auxiliary engine)	3) Suction (using auxiliary engine)
4) Air discharge	4) Filtering dust-laden air
	5) Air discharge