

MEDIUM STATIC COMPACTORS NEW C-LINE



HYVA[®] PRESS

NEW C-LINE MEDIUM STATIC COMPACTORS

The Medium SC line comprises two types – the SC260 which can be configured for top and tipcart loading, and, the larger SC350 which can be configured for top loading, with or without push-pit. Each type can be equipped with different container sizes from 16m³ to 28m³. The compactors can match with different collection methods such as manual carts, electrical tricycles, motor tricycles, hook loaders, tipper, micro collection vehicles, rear collection vehicles and skip loaders. And, they can receive different kinds of waste such as paper, cardboard, household, green waste, kitchen waste and light construction waste.

Medium Static Compactors are commonly used in Waste Transfer Stations, located inside or underground in a building. Hyva's design and build service has completed many successful Waste Transfer Station installations in China, India and other countries, dealing with waste through puts of 100 to 2,000 tons per day. In addition to the compactor and containers, transfer station installations can include: weighing bridges, ventilation and anti-smell systems, high speed rolling doors, high pressure cleaning equipment and intelligent operating and control systems.



SC260



SC350

More payload

Better sealing

More reliable

FEATURES & BENEFITS

More payload

Increased payload is made possible by the lightweight structure and round shape (up to 100% filling) of the container, together with the high compaction force.

Better sealing

The system is fully sealed to avoid any spillage or pollution of the environment. New boltable rear door rubber has special sealing feature and is easier to replace.

More reliable

High tensile materials give higher resistance to abrasion. Precision manufacturing of compaction housing and crusher block prevents waste from moving behind the crusher.

More stability

Increased stability of the compaction created by new U-shaped crusher block and compaction housing, together with new cylinder arrangement.

Flexible configuration

The system can be configured for different types of loading and different container sizes. And, it can be matched to different collection methods and receipt of different types of waste.

These features deliver many benefits including: faster compaction; faster cycle times; higher payloads; no visible waste and no leakage; better hygiene; longer lifetime, and, easier installation, service and maintenance.

INNOVATIONS THAT BRINGS A BETTER ENVIRON

Container

Optimized structure for 10% more pay load.

Sealing system

Demountable E clip rubber seal for better sealing and service.

Hopper

Device for storage of the dumped waste for compaction.

Container change over system

Effectively increase the capacity of the compactor for buffer more containers .



**PATENTED
DESIGN**

BY HYVA

Guillotine

Automatic or Manually operated guillotine system for better closing of the container.

Coupling claws

Smaller force to secure the locking of the system.

Push pull

Saves 16% of time of pulling and pushing.

SC260

Compaction housing

Optimized U shape for more Stability, more shock resistance and better sewage guidance

Crusher block

Optimized structure for better stability and more penetrates into the container.

Tipcart

Right side or rear side configurations for easy operations for different loading methods.

Energy saving

Low Energy Consumption per compacted ton of waste.

Intelligent control system

Manual, semi-automatic and full automatic operations and different diagnosis.

High E+



Hours of usage
Filling ratio of container



Oil level protection
High temperature protection
Filter contamination

Advanced drainage

Automatic drainage system on the container and compactor for more clean environment.

Power drive unit

Integrated power drive unit with less valves.



INNOVATIONS THAT BRINGS A BETTER ENVIRON

Push pit

To storage more waste for better efficiency.

Hopper

Customized size for better unloading of waste and options for anti-smell system.

Advanced drainage

Automatic drainage system on the container and compactor.

Power drive unit

Independent power unit out of the compactor for better service.

Energy saving

Low Energy Consumption per compacted ton of waste.

Intelligent control system

Manual, semi-automatic and full automatic operations and different diagnosis.

High E+



Hours of usage

Filling ratio of container



Oil level protection

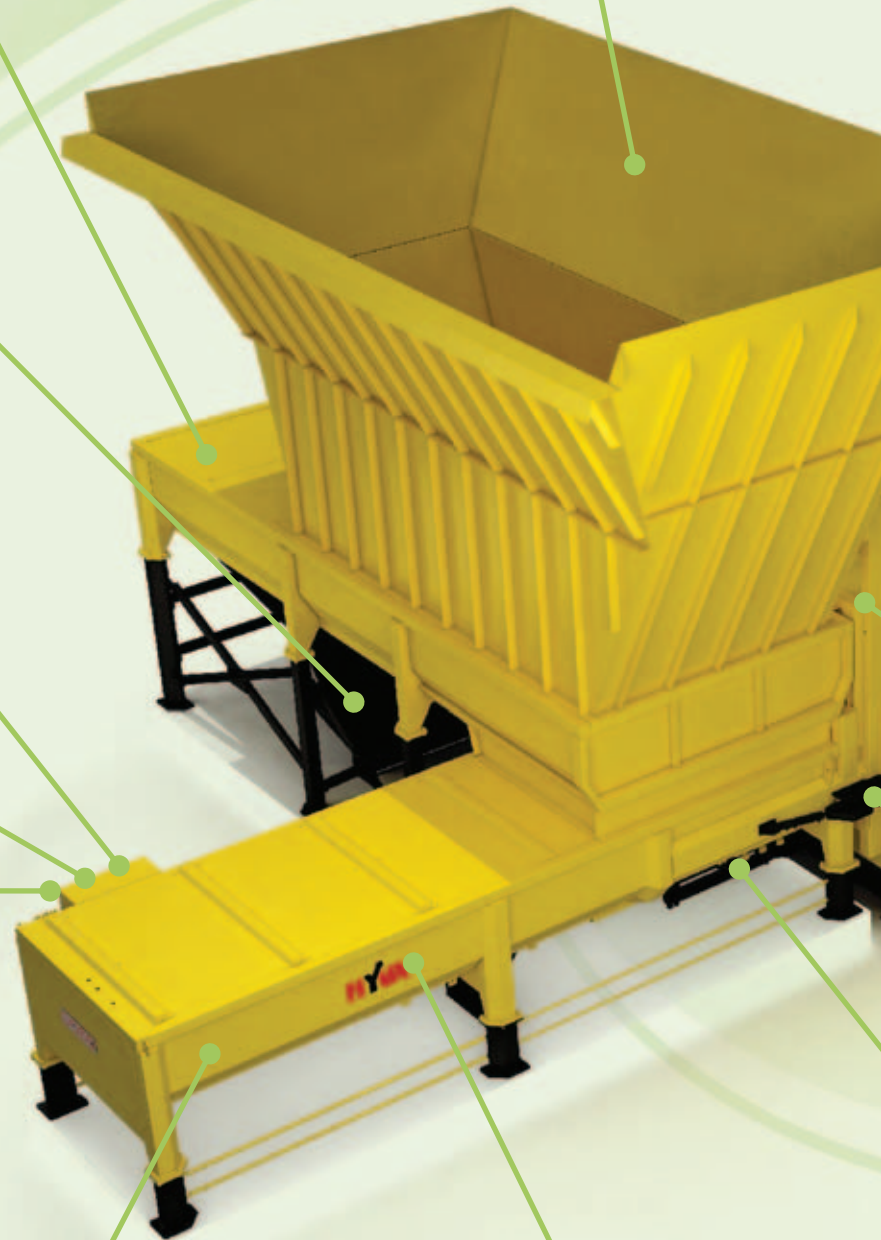
High temperature protection
Filter contamination

Crusher block

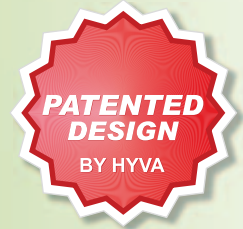
Optimized structure for better stability and more penetrates into the container.

Compaction housing

Optimized structure for better stability and more penetrates into the container.



SC350



Container

Optimized structure for 10% more payload.

Container Change over system

Effectively increase the capacity of the compactor for buffer more containers.

Sealing system

Demountable E clip rubber seal for better sealing and service.

Guillotine

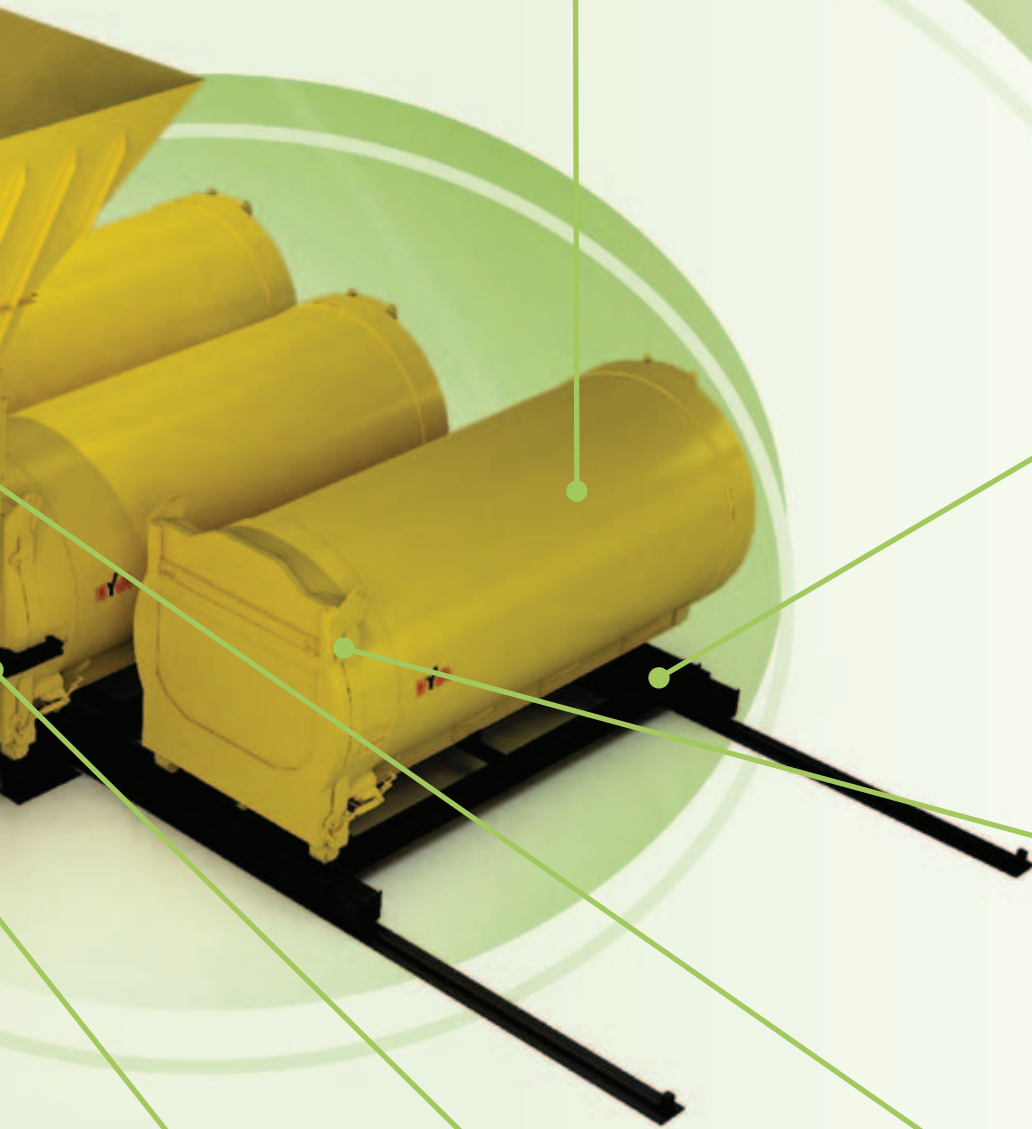
Automatic or Manually operated guillotine system for better closing of the container.

Push pull

Saves 16% of time of pulling and pushing.

Coupling claws

Smaller force to secure the locking of the system.



ACCESSORIES



Air suction and cleaning system

The system is to collect the air and purify from dust and odors for safe and clean work environment.



Station odorizing system

Programmable high pressure air odorizing system is to purify the air for safe and clean work environment.



Anti-smell system for hopper

The system is to purify the air from odor for safe and clean work environment with the noise less than 75dB in the station.



Intelligent operating and control system

Visual status and control on the computer in the central control room for the compactor and accessories to manage the statistical data.



Weighing bridge

60t dynamic truck scale to measure the load of the vehicles.

Options

RFID reader, Traffic light, computers and printers, and vehicle license identification system.

LOADING CONFIGURATIONS



SC260 rear loading fixed compactor



SC260 top loading fixed compactor



SC260 side loading fixed compactor



SC260 rear loading moving compactor



SC260 rear loading fixed compactor



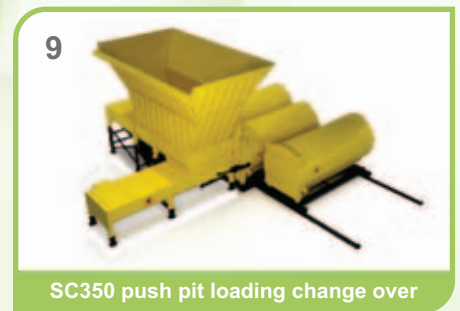
SC260 side loading moving compactor



SC260 top loading fixed compactor



SC350 top loading change over



SC350 push pit loading change over

Configuration	Description	Part no.
1 + 5	SC260 rear loading fixed compactor	5601000046
2	SC260 top loading fixed compactor	5601000047
3	SC260 side loading fixed compactor	5601000048
4	SC260 rear loading moving compactor	5601000049
6	SC260 side loading moving compactor	5601000050
7	SC260 top loading fixed compactor	5601000051
8	SC350 top loading change over	5601000052
9	SC350 push pit loading change over	5601000053

- Note:**
- Each fixed compactor need to select one container position, two container change over, or three container change over system.
 - Each moving compactor need to select two, three or four container position.

WORKFLOW

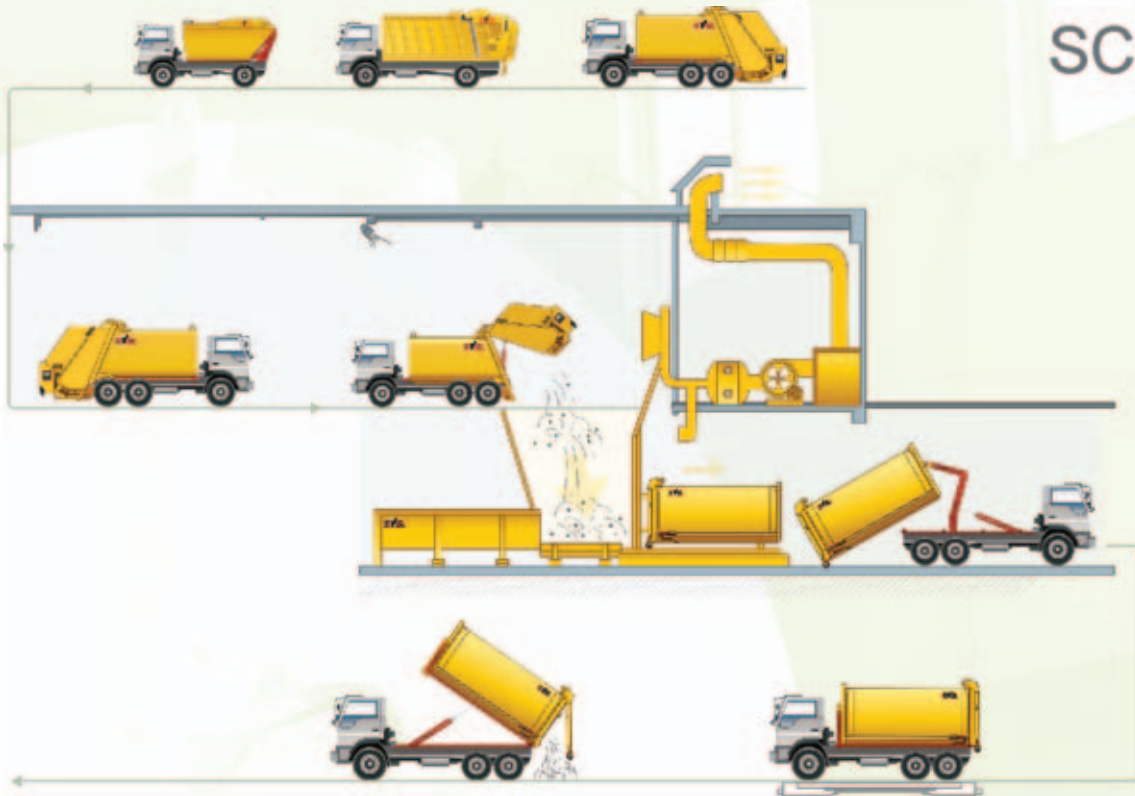
SC260



SPECIFICATIONS

Item	Specification	
	SC260	SC350
Compactor Model	SC260	SC350
Compress chamber volume (m ³)	3	4.2
Compress cycle time (s)	41	43
Theoretical volume capacity (m ³ /h)	263	352
Max compaction force (KN)	370	400
Power (KW)	11	22
Distance into container (mm)	500	800
Voltage (V)	380 V	
Compaction ratio (t/m ³) (@250kg/m ³ household waste)	0.75-0.8	
Rear tipcart lifting capacity (kg)	2500	-
Side tipcart lifting capacity (kg)	1500	-
Push-pit cycle time (s)	-	32
Push-pit stroke volume (m ³)	-	4
Push-pit stroke (mm)	-	2500
Push-pit power (KW)	-	15

SC350



DEALER STAMP