



# Compactors

**Models:** 600-C5, 400-C5, 350-C5 and 45K



Wilkinson Hi-Rise can provide a family of compactors depending on your waste needs and physical space. Our compactors are specifically designed for high rise buildings where garbage room space is limited.



# Compactors

## 600-C5 Compactor

This is the perfect unit for larger, open spaces. It is made with a unibody construction; a rugged heavy duty construction to ensure long life. It uses one ram cylinder to achieve desired displacement capacity.



600 Compactor



600 Compactor with container

## 400-C5 Compactor

This is our standard compactor, also made with unibody construction. It uses two cross arm ram cylinders to achieve a similar displacement capacity as the 600-C5 but with a more compact floor print. It is only 45" long (vs 72" for the 600-C5). With a faster cycle time it provides greater compactor capacity than 600-C5. It also can save about 20 sq ft. on average per machine room.



400 Compactor



400 Compactor with container

## 350-C5 Compactor

This is the most typically used compactor for tight spaces and when the customer is also using BiSorter or TriSorter recycling equipment. It is the same as the 400-C5, but has a detachable hopper which allows the compactor to be configured in more complex garbage rooms, where the chute might be hard to reach. Displacement capacity is the same as the 400-C5.



350 Compactor



350 Compactor with container

## 45K Compactor/Extruder

This is typically used in small rooms where only trash bags are used. This compactor is commonly used in New York City.



45K Compactor

# Compactors

Feature	600-C5	400-C5	350-C5	45K
Chamber Capacity	0.27 CY	0.28 CY	0.28 CY	0.10 CY
Cycle Time	28 sec	21 sec	21 sec	28 sec
Displacement per Hour	34.8 CY	48 CY	48 CY	12.8 CY
Ram Face Pressure (N)	38 psi	36 psi	36 psi	38psi
Ram Face Pressure (M)	51 psi	50 psi	50 psi	51psi
Packing Force (N)	20,862 lbs	22,600 lbs	22,600 lbs	20,160 lbs
Packing Force (M)	27,999 lbs	31,100 lbs	31,100 lbs	27,720 lbs
Ram Penetration	5"	5"	5"	N/A
Top Opening	54"L x 30 1/2"W	42"L x 30"W	40 1/2"L x 30"W	66"L x 24"W
Chamber Opening	23"L x 30 1/2" W	24"L x 30.5"W	24"L x 30.5"W	17 1/2"L x 16 1/4" W
Ram Height	18"	18"	18"	16 5/8"
Ram Width	30 1/2"	30 1/2"	30 1/2"	17 3/8"
Overall Dimensions	72"L x 27 3/4"W x 69 1/4"H	45"L x 34 7/8"W x 67 1/2" H	45" L x 34 7/8" W x 48 5/8"H	79"L x 28"W x 69"H
Length with 2CY Container	148 1/2"	121 1/2"	121 1/2"	N/A
Weight with Power Pack	1993 lbs	1700 lbs	1700 lbs	1350 lbs
<b>Hydraulic</b>				
# Cylinders	1	2	2	1
Cylinder	4" Bore, 2" Rod	3" Bore, 2" Rod	3" Bore, 2" Rod	4" Bore, 2" Rod
Pump	5 GPM	5 GPM	5 GPM	5 GPM
Oil Tank	15 Gals	15 Gals	15 Gals	15 Gals
Normal Pressure	1000 psi	1600 psi	1600 psi	1000 psi
Relief Pressure	1300 psi	2200 psi	2200 psi	1300 psi
Rated Pressure	3000 psi	3000 psi	3000 psi	3000 psi
<b>Electrical</b>				
Motor	5HP, 1800 RPM	5HP, 1800 RPM	5HP, 1800 RPM	5HP, 1800 RPM
Motor Power	208/240/480v, 3ph, 60 hz and 415v, 50 hz	208/240/480v, 3ph, 60 hz and 415v, 50 hz	208/240/480v, 3ph, 60 hz and 415v, 50 hz	208/240/480v, 3ph, 60 hz and 415v, 50 hz
Control Circuits	120V, 24 VDC	120V, 24 VDC	120V, 24 VDC	120V, 24 VDC
Monitors	80% and 100% full	80% and 100% full	80% and 100% full	80% and 100% full
Enclosure	NEMA 12	NEMA 12	NEMA 12	NEMA 12

## Key features

- Heavy duty 1/4" reinforced plate construction
- High abrasive resistant plate in wear areas
- Integral main frame/hopper construction for greater strength (uni body)
- Fully automatic with photo eye operation
- Automatic shutdown for motor protection
- PLC controls for state of the art operation and external integration
- Safety features include:
  - Door safety shut off
  - Emergency stop button
  - Container full warnings (except 45K)
  - Compliant w/ ANSI Z245.2-2013
- Fits most standard compaction containers (except 45K)
- Single side latch, ratchet binder, or chain connection
- Manual access doors are available on hoppers
- Optional thru-wall doors that direct feed hoppers

**Available through the Wilkinson Hi-Rise global network of distributors and technical support.**

