

2019-2029 Solid Waste Truck Specifications

Truck Type	Containers serviced	Wheel Base: steer axle to front drive axle	Wheel Base: steer axle to rear drive axle	Distance from front of cab to front axle	Steering Lock Angle	Empty Weight (lbs)	Gross/Full Weight (lbs)	Front axle GVW (lbs)	Drive Axle GVW (lbs)	Height	Width (w/ Mirrors)	Width (w/o Mirrors)	Length	MINIMUM Turning Radius
LAV (limited-access vehicle; a non-standard service option reserved only for extremely limited conditions)	2yd or smaller dumpsters; uncompacted materials only.	176"	N/A	49"	55 Deg	24,000	32,000	12,000	20,000	11.5'	9.2'	8	28'	23.6'
REL (rear-load)	2yd or smaller dumpsters; uncompacted materials only.	171"	225"	71"	45 Deg	34,500	56,000	14,000	34,000	13.5'	10.1'	8.5	35'	33.36'
FEL (front-load)	Uncompacted materials: 3-8 yd dumpsters. Compacted materials: 2yd or 3yd only.	183"	237"	71"	38 Deg	35,840	62,000	20,000	34,000	13.5'	10.1'	8.5	35'	35.37'
Side-load (residential only)	Plastic carts only	217"	N/A	71"	37 Deg	35,160	52,500	20,000	37,500	13.5'	10.1'	8.5	35'	36.55'
Roll-off	10yd+ roll-off dumpsters; compacted or uncompacted materials. Low-profile compactors required for only 14' OH clear, otherwise 16' OH clear required for trucks to service.	195"	249"	71"	48 Deg	31,340	56,000	14,000	34,000	10'	10.1'	8.5	35'	37.39'

Notes:

Standard SDOT-approved hammerhead turnarounds can accommodate safe maneuvering for solid waste trucks.

Trucks may NOT back up more than 50'.

Trucks do NOT back out onto streets.

Forks for front-load trucks add 6' to length of truck during service.

Curb to Curb Turning Diameter	Wall to Wall Turning Diameter	MINIMUM required vertical clearance for service
48.2'	49.1'	12'
68.81'	75.01'	14'
73.46'	78.84'	24'
75.79'	81.19'	16'
76.87'	83.07'	14'/16'