

TC-300T TANK Stationary Compactors

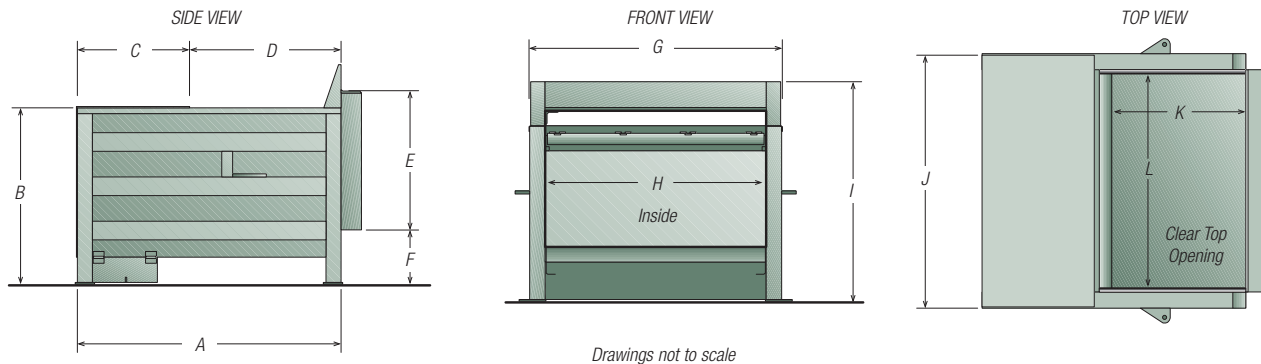
The TC-300T TANK® is the third in the Trash Commander® Series of short, yet powerful stationary compactors. With crossed-cylinder technology, it is the most exciting development in the waste compaction industry. The 3 cubic yard (2,29 cubic meter) capacity compaction chamber is incorporated into a body that is only 9'4½" (2858mm) long. This enables greater throughput capacity in applications where space is limited, such as retail outlets, department stores, malls, large restaurants, grocery stores, and shopping centers.

The large clear-top opening accommodates large bulky items and delivers greater throughput capacity. The TC-300T TANK is ideal for dock feed applications. With our standard four-sided, rear feed hopper, there is no need for special walk-on tops or guard rails in many applications. A 3 yd compactor that can fit into the space of a conventional 2 yd unit.



The TC-300T TANK (foreground) compared to a standard 3 cu. yd. compactor showing the difference in overall length — yet the clear-top opening of the TANK is the same as the larger RJ-325. The picture also illustrates that if the TANK is fitted with our standard four-sided, rear feed hopper, there is no need for tread plates or guard rails in many applications.

Ramjet TC-220T, TC-225T, and TC-300T



English Dimensions

Model	A	B	C	D	E	F	G	H	I	J	K	L
TC 220T	72"	48"	27 ¹ / ₁₆ "	44 ¹ / ₁₆ "	38 ¹ / ₈ "	14 ¹ / ₈ "	69"	60"	60"	69"	42"	58"
TC 225T	91"	48"	32 ¹ / ₁₆ "	57 ¹ / ₁₆ "	38 ¹ / ₈ "	14 ¹ / ₈ "	69"	60"	60"	69"	53 ¹ / ₂ "	58"
TC-300T	112 ¹ / ₂ "	48"	41 ¹ / ₁₆ "	70 ¹ / ₁₆ "	38 ¹ / ₈ "	14 ¹ / ₈ "	69"	60"	60"	73 ¹ / ₁₆ "	67 ¹ / ₂ "	58"

Metric Dimensions

Model	A	B	C	D	E	F	G	H	I	J	K	L
TC 220T	1829mm	1219mm	687mm	1141mm	968mm	371mm	1753mm	1524mm	1524mm	1753mm	1067mm	1473mm
TC 225T	2311mm	1219mm	837mm	1449mm	968mm	371mm	1753mm	1524mm	1524mm	1753mm	1359mm	1473mm
TC-300T	2858mm	1219mm	1059mm	1799mm	968mm	371mm	1753mm	1524mm	1524mm	1872mm	1715mm	1473mm

TC-220T, TC-225T, and TC-300T TANK

Specifications

Model	TC 220T				TC-225T				TC-300T			
	HD		HDHF		HD		HDHF		HD		HDHF	
Charge Box Capacity Mfr. Rating	2 cu. yd.	1.50 m ³	2 cu. yd.	1.53 m ³	2.5 cu. yd.	1,91 m ³	2.5 cu. yd.	1,91 m ³	3.0 cu. yd.	2,29 m ³	3.0 cu. yd.	2,29 m ³
Charge Box Capacity NWRA Rating	1.42 cu. yd.	1.09 m ³	1.42 cu. yd.	1.09 m ³	1.81 cu. yd.	1.38 m ³	1.81 cu. yd.	1.38 m ³	2.27 cu. yd.	1,73 m ³	2.27 cu. yd.	1,73 m ³
Clear Top Opening (W)	58"	1473mm	58"	1473mm	58"	1473mm	58"	1473mm	58"	1473mm	58"	1473mm
Clear Top Opening (L)	42"	1067mm	42"	1067mm	53.5"	1359mm	53.5"	1359mm	67.5"	1715mm	67.5"	1715mm
Performance:												
Cycle Time	52 sec.		40 sec.		64 sec.		49 sec.		78 sec.		59 sec.	
Total Normal Force	49,900 lbs.	222 kN	58,000 lbs.	258 kN	50,400 lbs.	224 kN	58,600 lbs.	261 kN	50,400 lbs.	224 kN	58,600 lbs.	260 kN
Total Maximum Force	53,900 lbs.	240 kN	62,000 lbs.	276 kN	54,500 lbs.	242 kN	62,700 lbs.	279 kN	54,500 lbs.	242 kN	62,700 lbs.	279 kN
Normal Ram Face Pressure	32 psi	221 kPa	37.2 psi	256 kPa	32.3 psi	223 kPa	37.6 psi	259 kPa bar	32.3 psi	223 kPa	37.6 psi	2.58 bar
Maximum Ram Face Pressure	34.6 psi	238 kPa	39.7 psi	274 kPa	34.9 psi	2.41 bar	40.2 psi	2.77 bar	34.9 psi	2.41 bar	40.2 psi	2.77 bar
Ram Penetration	14"	356mm	14"	356mm	14 1/2"	368mm	14 1/2"	368mm	13.5"	343mm	13.5"	343mm
Hydraulic/Electrical Equipment:												
Motor	10 hp	7 kW	15 hp	11 kW	10 hp	7 kW	15 hp	11 kW	10 hp	7 kW	15 hp	11 kW
Pump	10 gpm	38 L/min	13 gpm	49 L/min	10 gpm	38 L/min	13 gpm	49 L/min	10 gpm	38 L/min	13 gpm	49 L/min
Normal	1,850 psi	12755 kPa	2,150 psi	14823 kPa	1,850 psi	12755 kPa	2,150 psi	14823 kPa	1,850 psi	12755 kPa	2,150 psi	14823 kPa
Maximum	2,000 psi	138 bar	2,300 psi	159 bar	2,000 psi	138 bar	2,300 psi	159 bar	2,000 psi	138 bar	2,300 psi	15858 kPa
Cylinder Stroke (2)	37 1/2"	953mm	37 1/2"	953mm	45 1/2"	1156mm	45 1/2"	1156mm	55 1/2"	1410mm	55 1/2"	1403mm
Cylinder Bore (2)	4.5"	114mm	4.5"	114mm	4.5"	114mm	4.5"	114mm	4.5"	114mm	4.5"	114mm
Rod Diameter	2.5"	64mm	2.5"	64mm	2.5"	64mm	2.5"	64mm	2.5"	64mm	2.5"	64mm
Reservoir Capacity	20 gal	76 L	20 gal	76 L	20 gal	76 L	20 gal	76 L	20 gal	76 L	20 gal	76 L
Weight	4,600 lbs.	2087 kg	4,600 lbs.	2087 kg	5,200 lbs.	2359 kg	5,200 lbs.	2359 kg	5,800 lbs.	2631 kg	5,800 lbs.	2631 kg
3/60/230-460 Control Voltage	120 VAC		120 VAC		120 VAC		120 VAC		120 VAC		120 VAC	

UL Labeled Panel Box: All Circuits Fused; 3 Button Controls: Keylock, Stop, Reverse



Compactor Rental and Leasing Programs Available

Authorized Dealer:

For detailed specifications, recommendations, or free economic studies comparing various systems, contact Marathon Customer Care at **1-800-633-8974**.

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Pictures in this literature are illustrative only. Specifications are subject to change without notice in order to accommodate improvements to the equipment. Complies with ANSI standard Z245.2, all applicable OSHA Regulations, and certified under WASTEC's Stationary Compactor Certification Program. Products must be used with safe practice and in accordance with said regulations and standards.