PT-330

SELF-CONTAINED COMPACTOR SPECIFICATIONS

A. Manufactured

1. To meet American National Standard Institute specifications Z245.2-1997.
2. Total UL Approval on entire unit.
3. All welding done by AWS (American Welding Society) certified welders.

B. Dimensional Information

1. Overall Height ..... 102”
2 Overall Width …….... 98”
3. Overall Length ..... 265”
4. Compactor Deck Height….. 40”

C. Chargebox

1. Chargebox opening 40" Long x 60" Wide
2. Manufactures rating of 1 1/2 Cubic Yard Charge-box
3. NSWMA rating of 1.07 Cubic Yard Charge-box
4. Formed one piece chargebox eliminating mis-fitted joints and providing a uniform fit.
5. Heavy Duty Gauge Steel Construction with steel channel reinforced sidewalls and floor for increased strength. More information in section on “Structure”

D. Cylinders

1. (2) 4" diameter x 2 1/2" rod x 32" stroke industrial grade cylinder

E. Power Unit

1. Standard 10 HP Motor supplied in tri-voltage, three-phase.
3. Power Pack includes weather cover.
4. Colorized pressure gauge for easy viewing.
5. Pump – 10.5 GPM
7. Hydraulic pipes on both sides of compactor to allow disconnects to be located on either side.

F. Performance Data

1. Normal Ram Force at full pressure ……... 42,700 lbs.
2. Maximum Ram Force at relief pressure ….....51,250 lbs
3. Full Pressure…….2000 psi
4. Relief Pressure……..2400 psi
5. Ram Face Dimensions ……....60” x 20”
6. Ram Face Pressure at Full…… 35.7 psi
7. Ram Face Pressure at relief……...42.9 psi
8 Ram Penetration…….…… 6 in
9. Cycle Time……..…31 seconds
10. Up to 116 cycles per hour
11. Up to 121 cubic yards capacity per hour

12. 30 cubic yard container.

G. Compactor Structural Data

1. Breaker bar – 1” x 6” x 8” angle
2. Side channel – 6[5.4
3. Top Reinforcements – 3[4.1 channel and ¼” x 3” x 4” angle
4. Formed body – ¼” plate
5. Rear Plate – ¼”
6. Rear Cover – 10 GA
7. Cylinder mounts – Three ¾” x 6” flat bars
8. Ram guides – 1” x 1” square bar
9. Top Cover – 12 GA
10. Rear side reinforcement – ¼” wall x 3” x 6” tube

H. Container Structural Data

1. Full weld inside and outside of all container and door sheets.
2. Concave door with full seal.
3. Standard with Universal Understructure.
4. Container Sides – 3/16” one piece bent plates
5. Container Roof - Center Peaked 7 GA plate
6. Container Floor – 7 GA plate
7. Bulkhead – 3/16” plate
8. Container dump frame – 7 GA x 3” x 4” tube reinforced with 3/6” gusset plates
9. Door Plate – 3/16”
10. Door Frame – 3/16” x 3” x 6” tube
11. Door Hinge – 1” x 6” plate, 1 7/8” diameter tube, 1 ¼” diameter pin
12. Hook – 1 ¼” plate
13. Hook Mount – 1” Plate
14. Hook Mount Reinforcement – ¾” x 4” flat bar
15. Bull Nose – 1 ½” plate
16. Bull Nose Roller – 4” diameter x 4” long solid steel – Grease fitting in axle shaft
17. Bull Nose Roller Mount – Bull Nose and 3/8” plate
18. Wheels – 8 ½” diameter x 4 ½” long (compactor end) or 10” long (container end)
19. Wheel Mounts – ½” plate – Grease fitting in axel shaft
20. Main Rails – 1/4” wall x 2” x 6” tube
21. Main structure – 3[4.1 channel
22. Additional end structure – ¼” wall x 3” x 3” tube and ½” x 3” flat bar

I. Guide Island

1. 10’ standard guide island with end stop and “wheel capture plates” to prevent the compactor rolling away from end stop and provide positive location.
2. Main Guide Rail – ½” x 3” x 5” angle cross braced with ¼” x 2” x 2” angle
3. Stop Angle – ½” x 4” x 6” reinforced with 3/8” gusset plate and capped with ¼” x 3” x 3” end angle.

4. Wheel Capture Plate – 3/8” x 4” flat bar.
5. Anchored with fifteen (15) 1” diameter x 6” long concrete wedge anchors.

J. Finish

1. High quality industrial enamel paint from standard color chart.

K. Additional Items Shipped Loose

1. Safety and Operational Video