

## INTERNATIONAL DYNETICS 520 CONTAINER PACKERS CONTAINER PACKERS FOR HI RISE BUILDINGS

### GENERAL DESCRIPTION

A fully automatic, hydraulically operated trash compactor capable of displacing up to 54 cubic yards per hour. The refuse is compacted into metal containers which can be unloaded by either a front load or rear load trash truck. Detailed specifications can be found on the rear of this product sheet.

### MODEL SELECTION

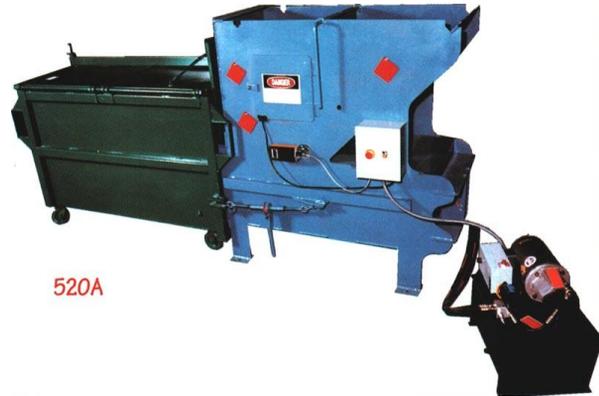
There are five standard models in the series:

- **Model 520A** - the standard full-size trash compactor equipped with a 5 HP power unit for high volume applications.
- **Model 520ESII** - also a full-size trash compactor, provides an economical solution with a 1 HP power unit for smaller buildings.
- **Model 520SS** - is specially designed to fit into very small trash rooms where the shortest container packer is required.
- **Model 520T1** - a fully automatic, hydraulically operated trash compactor capable of displacing up to 24 cubic yards of trash per hour.
- **Model 520T5** - a fully automatic, hydraulically operated trash compactor capable of displacing up to 65 cubic yards of trash per hour.

### FEATURES

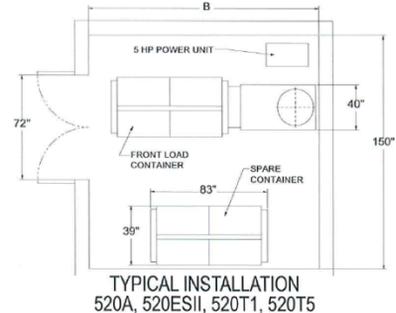
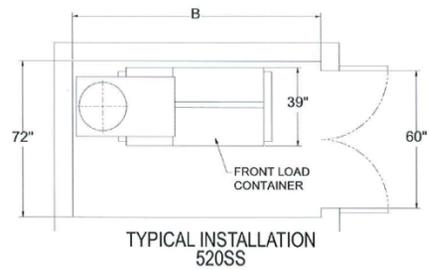
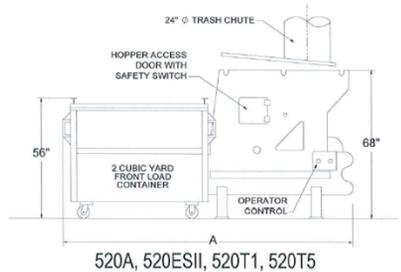
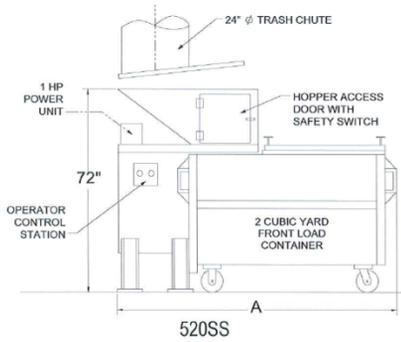
A photo-electronic sensor starts the compaction cycle when refuse enters the hopper and turns the machine off when the hopper is empty. The trash compactor automatically shuts off if an uncrushable object is encountered. An unload light is provided to signal a full container. A service access door is provided in the hopper, equipped with an electronically interlocked safety switch which prevents the machine from operating if the access door is open. An emergency stop button is provided for safety. An optional programmable logic controller is available.

**BUILT WITH PRIDE  
IN YORK, PA USA**



## SPECIFICATIONS

|   | 520A                       | 520ESII                    | 520SS                      | 520T1                      | 520T5                      |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Chamber Capacity  | 6.5 cf                     | 6.5 cf                     | N/A                        | 7.0 cf                     | 7.0 cf                     |
| Compaction Force (M)  | 15,075 lbs                 | 10,360 lbs                 | 13,815 lbs                 | 7,850 lbs                  | 19,625 lbs                 |
| Top Opening Throat  | 24" L x 26" W              | 24" L x 26" W              | 23" L x 30" W              | 22" L x 30" W              | 22" L x 30" W              |
| Ram Face Pressure (M)   | 32.8 psi                   | 22.60 psi                  | 14.5 psi                   | 14.5 psi                   | 36.3 psi                   |
| Volume Displacement   | 54.0 cy/hr                 | 19.0 cy/hr                 | N/A                        | 24.0 cy/hr                 | 33.0 cy/hr                 |
| Cycle Time  | 16 seconds                 | 44 seconds                 | 60 seconds                 | 57 seconds                 | 35 seconds                 |
| Size, without container (L x W x H)                           | 66 x 38 x 67 in            | 66 x 38 x 67 in            | 51 x 38 x 72 in            | 50 x 44 x 68 in            | 50 x 44 x 68 in            |
| Weight, without container                                     | 1,650 lbs                  | 1,500 lbs                  | 950 lbs                    | 1,450 lbs                  | 1,550 lbs                  |
| Motor Power, AC, 60 Hz  | 208/230/460V, 3 ph, 4 wire | 115/208/230V, 1 ph, 15 AMP | 115/208/230V, 1 ph, 15 AMP | 115/208/230V, 1 ph, 15 AMP | 208/230/460V, 3 ph, 4 wire |
| Motor Horsepower  | 5 HP                       | 1 HP                       | 1 HP                       | 1 HP                       | 5 HP                       |
| Hydraulic Pump  | 1-Stage                    | 1-Stage                    | 1-Stage                    | 1-Stage                    | 1-Stage                    |
| Cylinder Bore Diameter  | 3"                         | 3"                         | 4"                         | (2) 2.5"                   | (2) 2.5"                   |
| Control System, Fused, AC                                     | 115V                       | 115V                       | 115V                       | 115V                       | 115V                       |
| Dimension "A" – Machine Length with Front Load Container      | 142"*                      | 142"*                      | 102"*                      | 125"*                      | 125"*                      |
| Dimension "B" – Room Length Minimum with Front Load Container | 154"*                      | 154"*                      | 114"*                      | 137"*                      | 137"*                      |
| *Note – for rear load container, subtract 7"                  |                            |                            |                            |                            |                            |



Due to continual product improvement PRECISION MACHINERY SYSTEMS reserves the right to change specifications without notice. The information and pictures used in the document are for illustrative purposes only.