

Montgomery County Public Schools Facilities Guide
DIVISION 11 – EQUIPMENT

SECTION 11170

SOLID WASTE HANDLING EQUIPMENT

PART 1 GENERAL

1.01 GUIDE INCLUDES

- A. Provide one trash compactor at each school for each trash room.
- B. Provide bins, totes and other storage containers to separate, collect and store materials for recycling (at a minimum) paper, corrugated cardboard, glass, plastics and metals–by MCPS.

1.02 SUBMITTALS

- A. Provide operating instructions to Owners representatives.

1.03 WARRANTY

- A. Furnish manufacturer's complete one year warranty against defects in materials and workmanship for all items.

PART 2 PRODUCTS

2.01 MODEL 10T HEAVY DUTY ELECTRIC-HYDRAULIC HORIZONTAL UNIT AS MANUFACTURED BY INTERNATIONAL DYNETICS CORPORATE WITH FOLLOWING:

- A. Hand fed safety interlocked hopper
- B. Hydraulic power pack mounted on body
- C. 3 phase, 208v, 60 hz, 5 hp, 15 amp, 1725 RPM motor
- D. Automatic signals, shut-off control, and refuse sensor
- E. MCPS Modifications requirements:
 - 1. Relocate front door hinge from bottom to side.
 - 2. Upgrade door hinge bushings
 - 3. Move rear inlet plate of machine forward to eliminate stoppage caused by ram not fully retracting under rear inlet plate.
 - 4. Modify hopper to utilize plastic hopper door
 - 5. Eliminate gas strut on hopper door.

2.02 RECYCLING CONTAINERS:

- A. Plastic containers made from minimum 25 percent total recycled content.
 - 1. Busch Systems International Inc.
 - 2. The Fibrex Group, Inc.
 - 3. United Receptacle

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install in accordance with manufacturer's recommendation.
- B. Coordinate locations with electrical connections and floor drain. (Provide trench drain parallel to

- C. and entire length of unit).
Recycling bins

END OF SECTION