Micro Engineering Company

ASSEMBLY INSTRUCTIONS
N DOYLE DISTRIBUTION CENTER
55-007

Micro Engineering Co.
29084 Sunset Drive
Macon, MO 63552

GENERAL

The Micro Engineering Doyle Distribution Center represents a typical warehouse distribution facility supplied by rail. It has a main warehouse building with a through track and an adjoining office building.

Most parts in this kit are made of injection molded styrene plastic and should be glued with a styrene solvent cement (such as Testers®). Some of the detail parts are made of white metal alloy which should be glued with a cyanoacrylate (CA) cement (such as Super Glue® or Hot Stuff®).

Before beginning assembly clean off and trim any flash or gate marks from all plastic and white metal castings.

Read each instruction sheet step completely before proceeding with that step.

The following parts should be included in your Doyle Distribution Center kit:

2 warehouse sides	2 roll-up door housings	1 office end
2 warehouse ends	4 pieces door trim	2 office roof halves
2 warehouse roof halves	3 warehouse doors	1 office door
2 roof braces	2 roof top ventilators	6 office windows
4 personnel doors	1 roof fan	1 2x2 piece acetate
2 roll-up doors	2 office sides	

ASSEMBLY

1. The distribution center has two roll-up doors, one in each end. The door openings are located with scored lines cast into the backside of the building ends. Use the scored, large door opening in the center of the end walls. Cut the two sides of the door openings with a razor saw then deeply score the top edge with a razor knife and break the plastic along the score. NOTE: when breaking off scored plastic, be sure to bend it toward the inside. File the door opening edges so they are smooth and straight.

2. Cut the door trim from its sprue. Note that there are two steps in the trim with one having a slightly longer leg. Cement the trim to the sides of the door opening with the longer leg against the edge and the smaller step to the outside of the building. No trim is used on the top edge of the door openings. Cement the roll-up door housings so they are centered above and flush with the top edge of the door openings.

3. Two plastic roll-up doors (of the correct width) have been included in the kit. The door openings may be: fully open, by not using the doors; partially closed, by cutting the doors to a shorter length; or completely closed, by cementing the entire door in place. It may be necessary to trim the door width slightly so it will fit properly in the door trim.

4. Three smaller warehouse doors and four plastic personnel doors have been included in the kit but the number used and their locations are optional. Use the backside of a door as a guide for making the correct size door openings in the warehouse walls. Note that the width of a personnel door is the same as the width of two wall panel ribs. Cut the door openings with a razor saw then file the edges smooth and cement the doors in place.

5. Cement the warehouse sides and ends together making sure the four corners of the building are square.

6. To avoid a large crack at the roof peak, file or sand a slight angle on the roof cap edge of each roof half. Check the roof halves for fit and then cement them together and to the walls with an equal overhang at each end of the building. Equally space and cement the two interior roof braces to the underside of the roof peak. Equally space and cement the two roof vents to the roof cap. Cement the large roof fan in an appropriate location on the warehouse roof.

7. Cut the door and window openings in the office end wall as described in step 1, above. Cement the door and windows to the office walls. Cut pieces of acetate large enough to overlap the windows and door and cement in place on the inside of the walls using CA cement.

8. Cement the office walls and end together making sure the corners of the building are square.

9. File or sand a slight angle on each roof half as described in step 6, above. Check the roof halves for fit and then cement them together and to the walls with the overhang in the front.

10. Lay the track for the distribution center. We recommend that .100 inch thick styrene (not included) be used to simulate a concrete floor. This will put the floor at the approximate height of the rail tops. Cement the styrene on each side and between the rails leaving slots for wheel flanges on the inside of each rail. After painting and weathering the floor, cement the finished warehouse in place. Finally, cement the office to the side of the warehouse and to the ground.