

THOMASVILLE FURNITURE INDUSTRIES

PLANT D. -- THOMASVILLE, NORTH CAROLINA

OUTSIDE OF PLANT

1. DESIGN

- contractors create design
- build prototype to show marketing department

1st & 2nd FLOOR OF PLANT

2. ROUGH-MAKING

- cut wood, make parts
- labor intensive

3. LUMBER-CUTTING

- measure lumber
- place wood on machines for cutting

4. GLUE LUMBER

- takes 1-1.5 hr
- can be done manually or by machine (3 times faster)

5. MOLDING

- 4 molders
- 80% of wood go through molders
- one of the most important procedures

6. SHAPING

- cut wood in desired shapes

7. CNC ROUTER

- computerized numerical controlled router

8. SANDING

- wide-belt sander

ASSEMBLY DEPARTMENT

9. ASSEMBLY

- put furniture parts together
- spray paint furniture by hand

10. CLEAN UP & INSPECTION

- add final touches to furniture
- identify and repair flawed furniture

11. FINISHING

- labor intensive, can take up to 28 steps

12. PACKAGE

- furniture is packaged into customized boxes
- ship to customers