

Molding

Irwin Enterprises molding department is quality driven. We are capable of molding parts with extremely tight tolerances and dimensional requirements. Customer part quantities range from a few hundred to millions on presses ranging from 28 tons to 300 tons. We run wide range of thermoplastic materials, with a specialized area of engineering grade and filled materials. Examples of some of the material we use are: ABS, Acetal, Polypropylene, Polystyrene, Nylon, Polycarbonate, and PVC. Many additives are also used such as custom colorant, fiberglass, UV stabilizers, and flame retardants.

Mold maintenance and repairs are completed with the same quality techniques that are applied in building a new tool. Molds are routinely cleaned and serviced to maintain high part quality. With our tool room in the same building, we have shorter down times and quicker turn around with the same high-quality mold guarantee.

Molding Equipment

- 300 ton Reed 30.0 oz
- 300 ton Reed 20.0 oz
- 250 ton Reed 20.0 oz
- 220 ton TMC 19.25 oz
- 200 ton VanDorn 14.0 oz
- 150 ton TMC 9.26 oz
- 150 ton VanDorn 8.0 oz
- 75 ton VanDorn 6.0 oz
- 120 ton TMC 7.375 oz
- 75 ton VanDorn 3.5 oz
- 100 ton Reed 5.5 oz
- 40 ton VanDorn 3.5 oz

