

Seradex White Paper

A Discussion of Issues in the Manufacturing OrderStream

Hollow Metal Door Industry

Hollow metal door and frame products have earned an enviable reputation with architects, engineers and construction trade professionals around the world, and provide a wealth of benefits uncommon in competing products.

Whether you have a small project for an individual builder or a large commercial job your ability to ship quality products on time is critical. Seradex software is designed to support the wide variety of options typically found in this industry. Your customers demand doors and frames to be provided in a variety of sizes, gauges, and styles to meet safety, security, acoustic and aesthetic requirements. Options for Hollow Metal Doors and Frames can include:

- Door Series
- Width and Height
- Thickness
- Steel Type CR, Galvanized or Stainless
- Gauge
- Core Options - Honeycomb, Polyurethane Mineral etc.
- Hinge Preparation, Location and Type
- Fire Rating and Labels
- Left or Right Opening
- Hardware
- Lite Size, Location and Glazing
- Sound Ratings
- Stiffeners

The Seradex Product Configurator is ideally suited to allow order entry personnel to quickly and accurately enter door orders.



The rules based Configurator will generate a complete bill of material including shear lists and all labor processes required. It will also ensure proper configuration. As an example, to ensure a fire rated door has the proper

hardware, louvers (fusible), ball bearing hinges and maximum glass area.

Rules can be setup to validate the design meets various specifications like ASTM E-90, ANSI A224.1, ANSI A151.1, ANSI/SDI-100, ANSI A250.4, HMMA 862-87 and fire ratings (NFPA-80) by Underwriters Laboratories or Warnock Hersey International

The configurator will calculate a selling price and actual cost for each door and frame. You can easily mix standard and custom doors on the same order. Once the order is entered, a door schedule can be printed.

Seradex software is equally adept at handling the complex manufacturing issues of this industry. Which common doors and components to stock? How to handle customs and specials and schedule shearing, punching, rolling and assembly to meet the required shipping dates.

Please contact Seradex for more information.

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