



“Multi-Merit die” placed linear slit on molding surface (Core type on the photo)

Main Services

Manufacturing of dies for styrene foam molding

Main Clients

Companies of styrene foam resin molding, vacuum molding and rotational molding

Main Products

Dies for styrene foam molding

Manufacturing of dies for styrene foam molding

Manufacturing dies to solve issued of styrene foam molding

Strength

Decrease 30 to 50% of molding time and 20-30% of fuel

“Multi-Merit die” has a structure facilitate discharge and inducts compressed air and steam at molding by place linear slit and increasing aperture ratio. With conventional molding, 3 to 10 mm of die opening was necessary when material is filled in dies, but it’s not necessary for it. As the result of it, along with reducing the loss

of material usage for the spaces caused by die opening and improved short shot and expansion ratio was equalized. Explaining molding box as an example, it can solve the issue that joints at ends get soften by hard bottom. Stable production is possible for molding and shorten 30-50% of molding time compare with conventional one and can reduce 20-30% of boiler fuel by reducing steam amount used. It’s effective especially to large-sized molded products and the case of that adoption is gradually increasing.