

INJECTION MOLDING APPARATUS AND METHOD
ABSTRACT

An injection molding apparatus having a plurality of molding presses, such as transfer molding presses for encapsulating integrated circuits, are mounted on an indexable rotary
5 table. Stationary loading and unloading stations are arranged at spaced angular locations around the table for loading an insert into the mold cavities, for loading an insert into the mold cavities, for loading a molding material pallet, and for unloading a molded product when the molding presses are successively aligned with each station. A Controller is provided to rotate with the molding presses for individually controlling functions
10 thereof such as opening and closing of the presses and temperature and pressure in the molds. Another controller is provided in a stationary control panel for controlling, for example, functions of the stations and receiving input from a user, and communication is provided between the two controllers.

Figure 4