

## Compliance with Japanese domestic safety standard (JIS B 6711) for injection molding machines

Japanese domestic safety standard JIS B 6711:2021 “Safety requirements for plastic and rubber processing machinery and injection molding machines” was established in March 2021. In this issue, we will introduce the main changes in our em II and em III series in accordance with JIS B 6711/ISO 20430.

\*For details regarding each change, please contact our contact indicated at the end of this document.

### (1) Shutting off the heater circuit during an emergency stop

The power to the heater is shut off during an emergency stop.

### (2) Additional air master valve

Air supply sources for air core, air gate valve (individually supported), and air blow, which are mainly related to mold operation, are shut off by the added air master valve when emergency stop, motor OFF, back safety door open, or safety tread plate is detected.

### (3) Prevention of loss of maintenance cover mounting screws

The cover that is removed for maintenance is designed to hold the screws on either the cover side or the main unit side to prevent loss of the screws.

### (4) Addition of guard locks and optional mechanical safety devices

### (5) Normal close of rotary needle shutoff nozzle

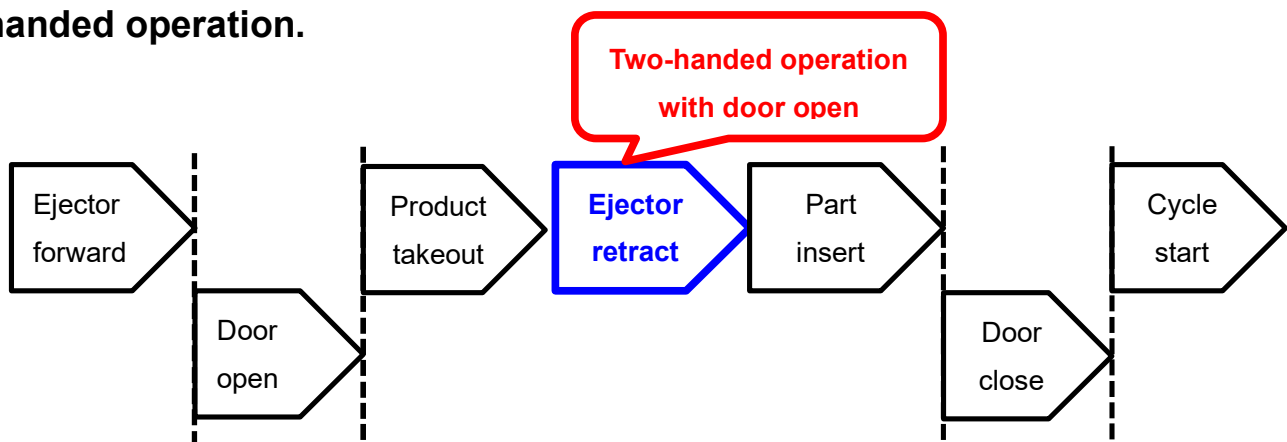
The circuit is designed to prevent splashing of resin when the power is shut off.

### (6) Restrictions on who can operate the nozzle swivel and restore

Operation is restricted to specific operators among users.

### (7) Modification of insert circuit

The ejector can be retracted while the front safety door is open by a two-handed operation.



### (8) Addition of function to check operation of safety platform

A message is displayed to remind the operator to inspect the safety platform at least once a month. In addition, a new cycle start is prohibited if the inspection has not been performed.

### (9) Equipment required for foam molding

When foam molding is performed, equipment that does not allow molten material to be released from the nozzle and mold is required.

We offer a wide variety of services. If you have any questions or concerns, please feel free to contact our offices or service centers. You can also contact us through the "Contact Us" page on our website.

## Contact

If you have any questions regarding this content, please click on "CONTACT" in the upper right corner of our website below.

UBE Machinery Corporation Website address: <https://www.ubemachinery.co.jp/english/>