

# J-ED-2M SERIES

## 多機能射出成形機



MULTI-FUNCTIONAL  
INJECTION MOLDING MACHINE

**JSW**

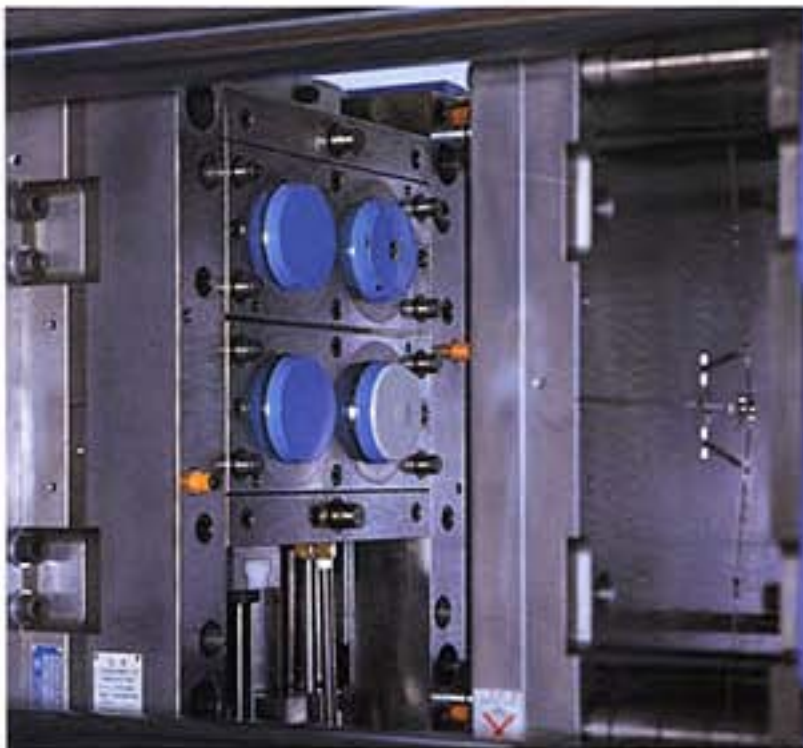


# 多機能射出成形機に ダイスライド技術を採用し 多層・中空の高付加価値成形を実現。

(M-DSI)

(DSI-2M)

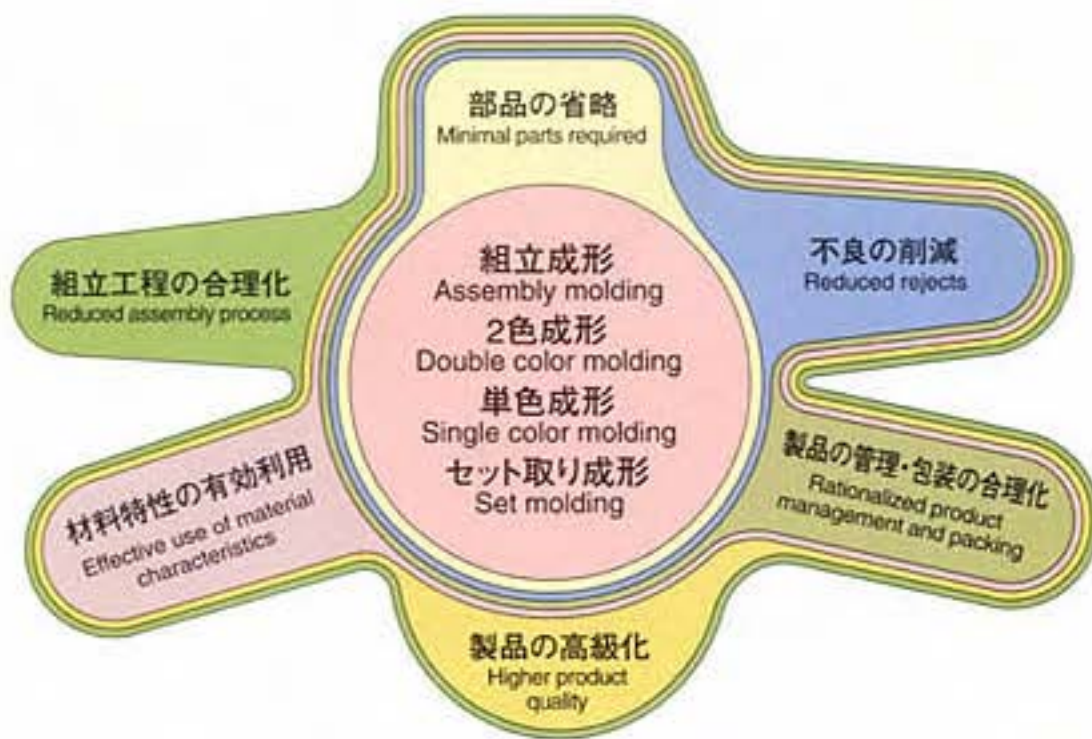
Adopting a die sliding technique for multi-functional injection molding machines, high value added molding is realized for multi-layer (M-DSI) and hollow (DSI-2M) products.



M-DSI 金型 (コア側)  
Mold (core side) for M-DSI



M-DSI 金型 (キャビティ側)  
Mold (cavity side) for M-DSI



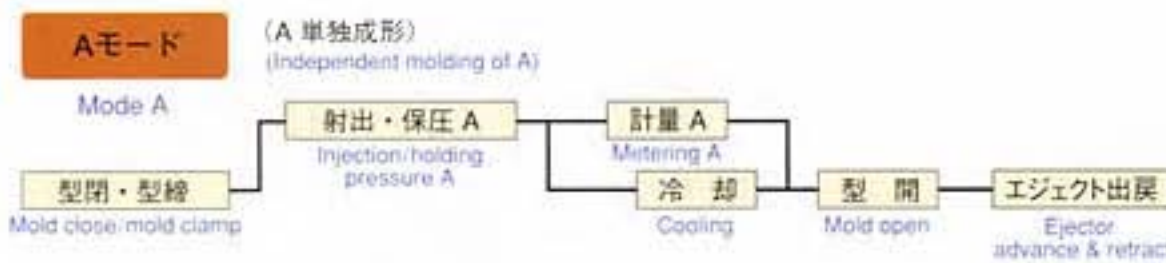
## 特長

- 1) 多種多様な高付加価値成形品が成形できます。  
(多材質・多層成形品、異材・同材・2色中空成形品)
- 2) 工数低減によるコスト低減・生産性向上が図れます。
- 3) 通常の段取時間にて成形が可能になります。
- 4) 射出2条件設定可能なSYSCOM1000コントローラ搭載。

## Features

- 1) Adaptable for a wide variety of high value added products.  
(Multi-layer products of multiple materials, double color hollowmolded products of the same or different materials)
- 2) Cost reduction and productivity improvement by reducing the number of processing steps.
- 3) Productive molding started after the normal preparation time.
- 4) Comes with a built-in SYSCOM1000 controller that is capable of setting two injection conditions.

## 動作モード Mode of Operation



同時成形 (セット取)  
Simultaneous molding  
(molded in a set)



同時成形 (2色)  
Simultaneous molding  
(double colored)



M-DSI 成形  
M-DSI molding



DSI-2M 成形  
DSI-2M molding



# M-DSI 成形プロセス(オプション)

## M-DSI Process

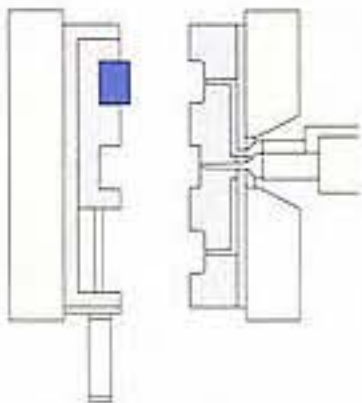
(a) 型閉開始

(b) 同時成形・冷却

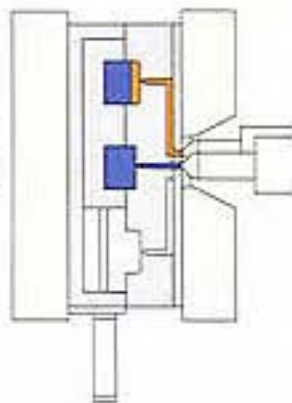
(c) 型開

(d) ダイスライド

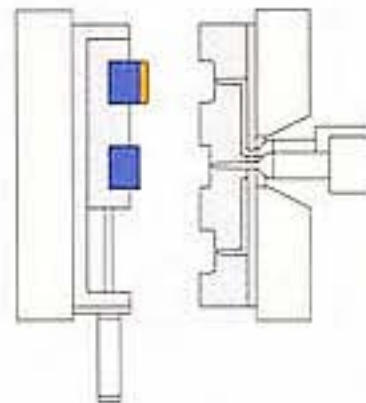
(e) EJ・成形品取出



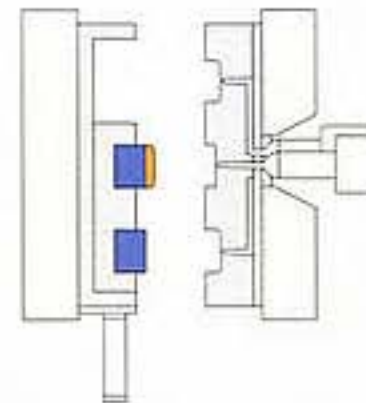
(a) Mold close start



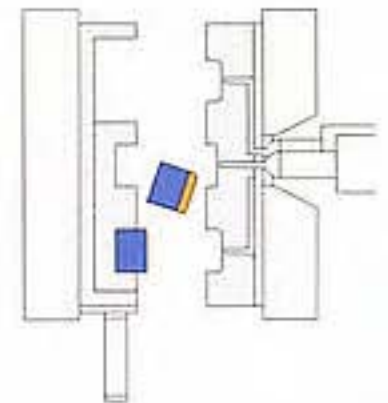
(b) Simultaneous molding/cooling



(c) Mold open



(d) Die slide



(e) Ejection/take-out of products

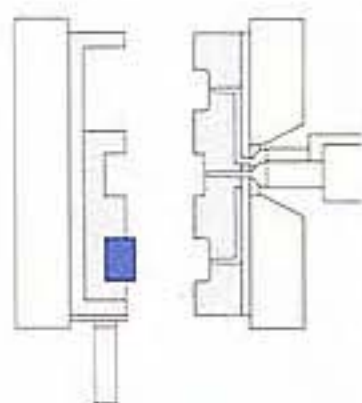
(f) 型閉開始

(g) 同時成形・冷却

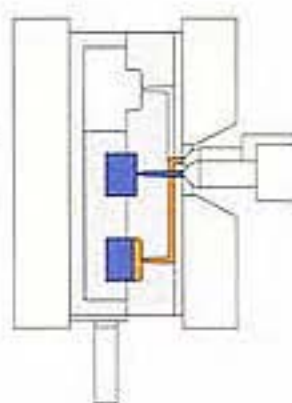
(h) 型開

(i) ダイスライド

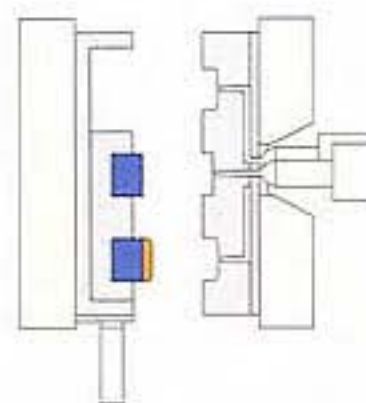
(j) EJ・成形品取出



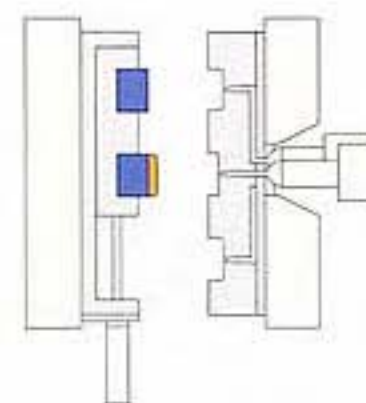
(f) Mold close start



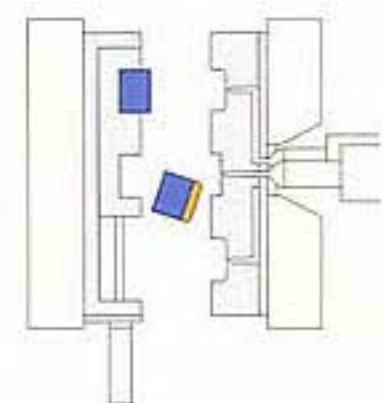
(g) Simultaneous molding/cooling



(h) Mold open



(i) Die slide



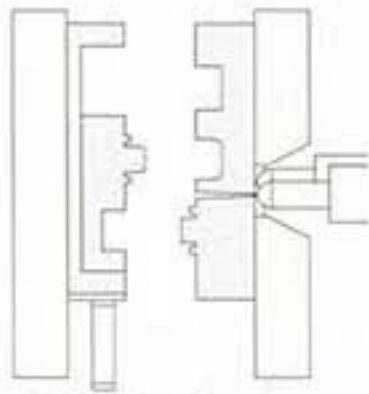
(j) Ejection/take-out of products



# DSI-2M 成形プロセス(オプション)

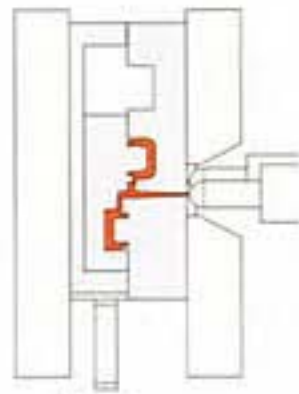
## DSI-2M Process

(a) 一次成形型閉開始



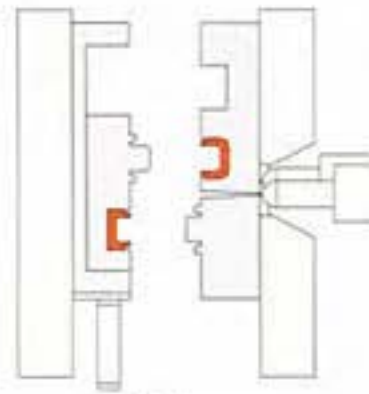
(a) Mold close/start for primary molding

(b) 一次成形・冷却



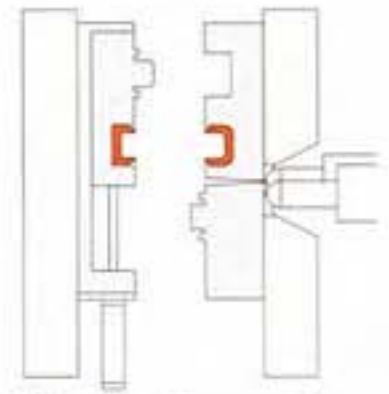
(b) Primary molding/cooling

(c) 型開



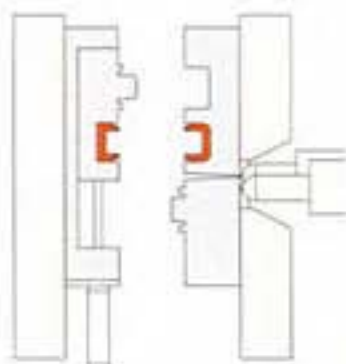
(c) Mold open

(d) ダイスライド  
(一次位置→二次位置)



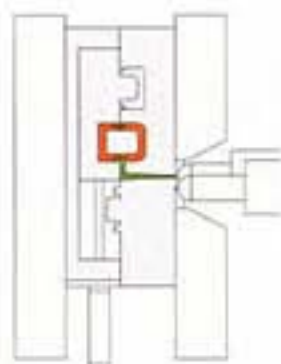
(d) Die slide (primary position to secondary position)

(e) 二次成形型閉開始



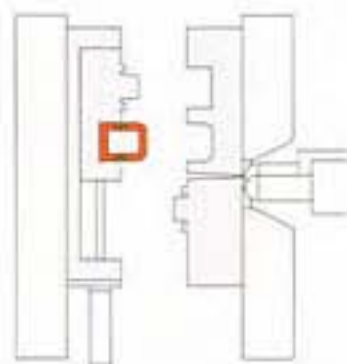
(e) Mold close/open start for secondary molding

(f) 二次成形・冷却



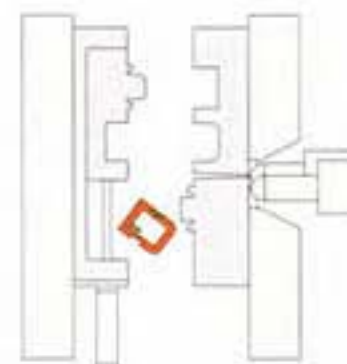
(f) Secondary molding/cooling

(g) 型開



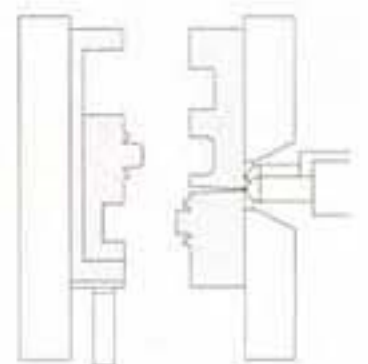
(g) Mold open

(h) EJ・成形品取出



(h) Ejection/take out of products

(i) ダイスライド  
(二次位置→一次位置)



(i) Die slide (secondary position to primary position)