

The cost saving, easy-to-use and simple system by using basic type of clamp.

Recommended to those who

- Intends to reduce initial cost for auto clamp and increase installation rate.
- Intends to have simply clamp / unclamp the mold automatically.

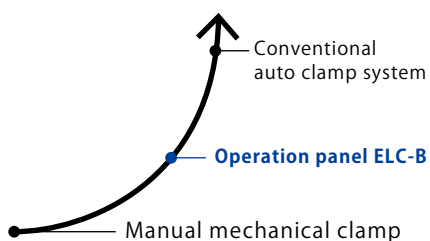
Conventional auto clamp system



Operation panel ELC-B



Orientation of Operation panel ELC-B



New system that is located in middle position between manual mechanical clamp and conventional auto clamp system.

Differences between auto clamp system and Operation panel ELC-B

- Operation panel ELC-B is not applicable to bolted or automatic slidable type of clamp.

Hydraulic clamp					Air clamp			
TYA	TYC-Z/R	TYA-M	TME	TKB	TLC	TLC-Z/R	TLA-M	TLA
○	×	○	×	×	○	×	○	*○

*Clamped and Unclamped status are confirmed only by an air pressure switch.

- Gang control with other systems except clamp is disabled. (Mold changer system, Auto coupler and so on.)

Operation panel

model ELC-B PAT.

<MOLD CHANGE>KEY LOCK sw.
MOLD / CHANGE

Switch to "MOLD CHANGE" to change a mold.

MOVABLE PLATEN sw.
CLAMP / UNCLAMP

Switch between CLAMP and UNCLAMP.

CLAMP / UNCLAMP operation is feasible only when interlock signals are all ready.



Compact design panel with L-shape mounting bracket enables installation near machine panel.



FIXED PLATEN sw.
CLAMP / UNCLAMP

Switch between CLAMP and UNCLAMP. CLAMP / UNCLAMP operation is feasible only when interlock signals are all ready.

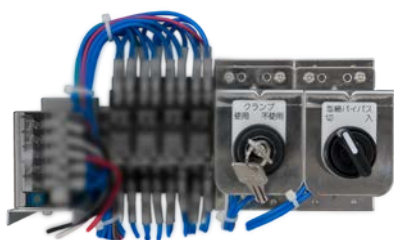
INTERLOCK button sw.
Lamp ON / OFF

Lamp is ON when interlock signals are ready. Select clamp with interlock button switch depressed when CLAMP / UNCLAMP operation.
* Bimanual operation

Operation panel
ELC-B

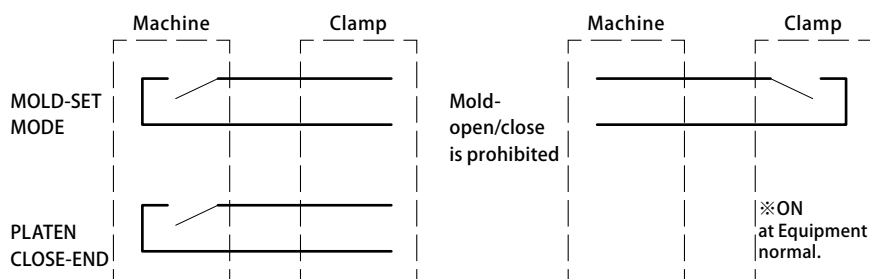
Control unit

(To be installed in the machine control panel)



INTERLOCK: ① MOLD-SET MODE, ② MOLD CLOSING LIMIT are monitored.

< Interface between machine and system >



1. Signals to be output on normally open, zero-potential contacts.
2. Contact specification : DC24V/AC100~200V 1A
3. Output "platen closed-end" (Machine daylight adjusted or mold contact) signal alone to the system.

● The criterion for selection of hydraulic control unit stays same with that of conventional auto clamp system.