Q. D. C. System
Quick Die Change System
MICO Myoungjin Provides the Products All Certified.
CEO’s Message

MICO Myoungjin

MICO Myoungjin has had the honor to be in partnership with your company for years since the establishment in November 1, 1989. MICO Myoungjin is a reliable and innovative general equipment company that provides a quick, accurate, safe and easy die change system for the equipments, including a press, an injection molding machine, a die casting, and a forging press. Main products include the quick die change system (QDC System), the mold rack, the die opening/closing turnover machine, and the mold moving cart. Paying attention to the voice of customer, MICO Myoungjin is endeavoring to meet the customer’s needs based on the “Quality First” philosophy.

Management Philosophy

Challenge to the innovation that develops the intelligent, functional and durable QDC systems

Business Policy

Listening to the voice of the customer

Company Motto

With a ‘Can Do’ belief, MICO Myoungjin will lead in the QDC systems that satisfy the customer with the best quality.

Myoung Hyo LEE
CEO

MICO Myoungjin
Contents

LY TYPE CLAMP 7-8
SY TYPE CLAMP 9-10
KV TYPE CLAMP 11-12
TK TYPE CLAMP 13-14
TM TYPE CLAMP 15

GS TYPE CLAMP 17-18
LYS TYPE CLAMP 19-20
AFSY TYPE CLAMP 21-22
NSY TYPE CLAMP 23
TN TYPE CLAMP 24
DIE LIFTER 50 TYPE 25
DIE LIFTER 70 TYPE 27
DIE LIFTER 28 TYPE 27
DIE LIFTER BL TYPE 28
How have you maintained the molds in your injection molding plant? By the conservative method, we had to lift the tools manually by means of dangerous tools or use the existing hoist (crane) or mold reversible machine for mold inspection and repairing job. And we did assemble the tools by the same way. Now, there is a simple and safe solution to maintain the tools. This is far from dangerous method. Our MOLD OPEN–CLOSE UNIT can be equipped with hydraulic or magnetic clamping system on fixed and movable plates to fix the mold in the unit so rapidly. It can easily control the mold tilting and place so precisely, by which it is really simple for mold maintenance and repair service. It is also possible to lift the mold either it is halves or a coupled tool.

MICO supplies the Mold Open–Close Unit in several sizes up to 200T mold weight. For safety reasons the unit can be equipped with a safety system, with safety sensors which also stops any movement if somebody comes too close to the unit.
Simple and safe maintenance of your expensive tools

The machine can be equipped with a number of options

- Mold shall be tilted 180 degree.
- CDGC system makes it easy to exchange the molds.
- Mold can be tilted 90 degree.
- Mold shut-off pressure (100ton) test is available, optional.
- Ejector cylinder will make demonstration of the ejector movement, optional.
- Custom made is accepted upon the usage.
- Safety system is equipped, optional.

Action Exposition

Mold Mount Arrangement
Mold Mounting
Mold Open
Mold 90° Reverse

Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (ton)</th>
<th>Plate Size (mm)</th>
<th>Mold Size (mm)</th>
<th>Daylight (mm)</th>
<th>Stroke (mm)</th>
<th>Motor (kW x P)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU-3</td>
<td>3</td>
<td>700 x 700</td>
<td>500 x 500</td>
<td>800</td>
<td>500</td>
<td>3.7 x 6</td>
</tr>
<tr>
<td>MU-5</td>
<td>5</td>
<td>1000 x 1000</td>
<td>700 x 700</td>
<td>1100</td>
<td>650</td>
<td>5.5 x 6</td>
</tr>
<tr>
<td>MU-10</td>
<td>10</td>
<td>1400 x 1400</td>
<td>1100 x 1100</td>
<td>1700</td>
<td>1000</td>
<td>11 x 6</td>
</tr>
<tr>
<td>MU-15</td>
<td>15</td>
<td>1700 x 1700</td>
<td>1400 x 1400</td>
<td>2100</td>
<td>1300</td>
<td>15 x 6</td>
</tr>
<tr>
<td>MU-20</td>
<td>20</td>
<td>2000 x 2000</td>
<td>1600 x 1600</td>
<td>2400</td>
<td>1500</td>
<td>22 x 6</td>
</tr>
<tr>
<td>MU-30</td>
<td>30</td>
<td>2300 x 2300</td>
<td>1800 x 1800</td>
<td>2600</td>
<td>1600</td>
<td>30 x 6</td>
</tr>
<tr>
<td>MU-50</td>
<td>50</td>
<td>2600 x 2500</td>
<td>2300 x 2000</td>
<td>3000</td>
<td>1800</td>
<td>45 x 6</td>
</tr>
</tbody>
</table>