ABOUT US

Founded in 1971, Morrison Container Handling Solutions is an industry leader in container handling and is North America’s largest timing screw manufacturer.

Morrison has two manufacturing facilities in Glenwood, IL USA, which are both dedicated to providing the optimal timing screw.

TOP 5 REASONS TO CHOOSE MORRISON

1.) Over 47 years of experience in design and manufacturing of container handling solutions

2.) Engineering reviews OEM prints and applications to suggest how OEMs can improve efficiency in their design and reduce cost

3.) Robust process in manufacturing enables quick deliveries

4.) Detailed documentation in the form of manuals, videos, setup sheets, and assembly prints

5.) Unmatched polish finish on timing screws that minimize scuffing

DID YOU KNOW?

Implementing Morrison's timing screws can increase machine efficiency and customer satisfaction.
Designed to OEM print and manufactured to optimize performance. Please provide either your OEM print or the information below.

(If OEM print is available, please provide and ignore below)

**PLASTIC**
- “A” = Timing screw length
- “B” = Outside diameter
- “C” = Root diameter
- “D” = Pitch

**STEELWORK INTERFACE**
- Bushed for OEM Supplied Shaft:
  - _____ Shaft diameter @ infeed
  - _____ Shaft diameter @ discharge
  - OR
- Counterbored for OEM steelwork:
  - _____ “E” = Infeed counterbore diameter
  - _____ “F” = Discharge counterbore diameter
  - _____ “G” = Infeed counterbore depth
  - _____ “H” = Discharge counterbore depth
  - OR
  - _____ Morrison will be supplied steelwork for OEM print

**Direction of Travel**

**RIGHT HAND**
- Timing Screw

**LEFT HAND**
- Timing Screw

**DIRECTION OF ROTATION**
Please provide information on the next two pages for your required application.

Morrison's standard drive assemblies for timing screws are seen throughout the world. This engineered solution provides robust spacing results with minimal maintenance. It is stainless steel constructed, wash-down capable, and has a timing belt and pulley design.

(If OEM print is available, please provide and ignore below)

**LENGTH OF SCREW**

<table>
<thead>
<tr>
<th>Choose One</th>
</tr>
</thead>
<tbody>
<tr>
<td>_____ 600 mm (23.62&quot;)</td>
</tr>
<tr>
<td>_____ 762 mm (30&quot;)</td>
</tr>
<tr>
<td>_____ 800 mm (31.49&quot;)</td>
</tr>
<tr>
<td>_____ 1000 mm (39.37&quot;)</td>
</tr>
<tr>
<td>_____ 1200 mm (47.24&quot;)</td>
</tr>
</tbody>
</table>

**DIAMETER OF SCREW**

<table>
<thead>
<tr>
<th>Choose One</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outside Diameter (OD)</td>
</tr>
<tr>
<td>_____ 100 mm (3.94&quot;)</td>
</tr>
<tr>
<td>_____ 125 mm (4.92&quot;)</td>
</tr>
<tr>
<td>_____ 150 mm (5.9&quot;)</td>
</tr>
</tbody>
</table>

**CONTAINER SHAPE**

<table>
<thead>
<tr>
<th>Choose One</th>
</tr>
</thead>
<tbody>
<tr>
<td>_____ Round</td>
</tr>
<tr>
<td>_____ Oval</td>
</tr>
</tbody>
</table>

**SCREW COLOR**

<table>
<thead>
<tr>
<th>Choose One</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
</tr>
<tr>
<td>Green</td>
</tr>
<tr>
<td>Black</td>
</tr>
<tr>
<td>Red</td>
</tr>
<tr>
<td>Blue</td>
</tr>
<tr>
<td>Orange</td>
</tr>
</tbody>
</table>

Custom colors available upon request.

**SPEED**

<table>
<thead>
<tr>
<th>Choose One</th>
</tr>
</thead>
<tbody>
<tr>
<td>_____ 30 cpm (20hz) - 135 cpm (90hz)</td>
</tr>
<tr>
<td>_____ 40 cpm (20hz) - 180 cpm (90hz)</td>
</tr>
<tr>
<td>_____ 60 cpm (20hz) - 270 cpm (90hz)</td>
</tr>
<tr>
<td>_____ 120 cpm (20hz) - 540 cpm (90hz)</td>
</tr>
</tbody>
</table>

Other, please specify ________
ORIENTATION
Choose One

**RIGHT HAND INFEED**

**RIGHT HAND DISCHARGE**

**LEFT HAND INFEED**

**LEFT HAND DISCHARGE**
Deluxe Adjusters allow operators to adjust timing screws to accommodate different sized containers quickly and precisely.

**Morrison Deluxe Adjuster Benefits:**

- Ideal when running multiple size containers on the same line
- Mounts to the side of the conveyor
- Adjusts the center lines vertically and horizontally
- Tool-less adjustment of center lines between change overs
- Numerical counters for easy repeatability
- Wash-down rated

**NOTE:**

- Small Deluxe Adjuster is for 600mm applications.
- Large Deluxe Adjuster is for 800mm+ applications.
INDUSTRIES SERVED

- BEVERAGE
- DAIRY
- FOOD
- PHARMACEUTICAL
- PERSONAL CARE
- CHEMICAL / HOUSEHOLD PRODUCTS
- AND MANY MORE!

MORRISON
Container Handling Solutions