### Lineup

<table>
<thead>
<tr>
<th>Model</th>
<th>Slide length</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-1α</td>
<td>180mm</td>
</tr>
<tr>
<td>AC-2α</td>
<td>200mm</td>
</tr>
<tr>
<td>AC-3α</td>
<td>400mm</td>
</tr>
<tr>
<td>AC-2F</td>
<td>300mm</td>
</tr>
<tr>
<td>AC-3F</td>
<td>500mm</td>
</tr>
</tbody>
</table>

### Specification

- Dimension
- Stand workable range
- Arm workable range

*Drawing is for AC-2α

### Criteria of operation environment

<table>
<thead>
<tr>
<th>Model</th>
<th>Target range of press machine</th>
<th>Tray Max. Movement</th>
<th>Stroke length of press machine necessary for Max. tray movement</th>
<th>Max. weight of products</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-1α</td>
<td>15 ~ 35 t</td>
<td>180 mm</td>
<td>80 mm or more</td>
<td>200 g</td>
</tr>
<tr>
<td>AC-2α</td>
<td>15 ~ 80 t</td>
<td>200 mm</td>
<td>80 mm or more</td>
<td>200 g</td>
</tr>
<tr>
<td>AC-2F</td>
<td>35 ~ 110 t</td>
<td>300 mm</td>
<td>100 mm or more</td>
<td>300 g</td>
</tr>
<tr>
<td>AC-3α</td>
<td>80 ~ 200 t</td>
<td>400 mm</td>
<td>100 mm or more</td>
<td>500 g</td>
</tr>
<tr>
<td>AC-3F</td>
<td>100 ~ 250 t</td>
<td>500 mm</td>
<td>120 mm or more</td>
<td>500 g</td>
</tr>
</tbody>
</table>

*When stroke length of press machine is short and Max. movement of tray cannot be obtained, you can use it by changing to a short arm (customized).
*If it does not meet Target usage environment, the customization is possible.

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YouTube Auto Catcher

 Youtube is available in website http://www.sarltsf.com/products/autocatcher

Manufacturer: Harigai in Japan
Production Revolution

This is an unloading equipment (Auto Catcher) of pressed parts of the new way of thinking which we perform so smoothly that we are surprised in unloading the manufactured goods which is also a subject of compound blanking work (Compound forming with knockout bar).

It answers various needs, such as liking to improve a productivity and liking to work safely. And, by making a material feed into coil material, it can realize automation. It means that it should be an attachment which contributes to a production greatly.

We propose new solution to manufacturers keeping challenge from us being familiar with press work.

### Action

1. **Catch without mistake**
   - [Top Dead Center]
   - Parts fall by knockout.
   - Auto Catcher

2. **Slide smoothly**
   - [Middle Point]
   - Tray works and parts slide.
   - Press machine

3. **Shoot without mistake**
   - [Bottom Dead Center]
   - Press machine produces again.
   - The fed parts can be shot to backet.

### Before / After

**Problems of conventional method**
- Blow off by air that causes quality defect and risk of Dies-Broken.
- Limit of production efficiency by only worker.
- Risk of accident being caught (jamming) etc.

**Using Auto Catcher**
- Reduction of rejected parts and no risk of Dies-Broken.
- Increase of production efficiency to a big extent.
- Avoid risk of accident being caught (jamming) etc.

### Advantage

- **High productivity**
  - Production efficiency can be increased rapidly, compared with only process of operator. It contributes to a big extent to the solution of small lot, multi kinds of parts and short delivery and to the cost reduction.

- **Easy installation**
  - Without troublesome arrangement, it is possible to install this equipment in approximate several minutes. And due to simple design, it is very easy to carry it and maintain it.

- **No need of electric power**
  - This is easy to ecology and economical. Because you don’t need electric power etc., as it utilizes kinetic energy of press machine.

- **Realization of labor saving and manpower saving**
  - Auto catcher assists a worker and contributes to labor saving and manpower saving regarding not only safety but also improvement of workability and reduction of processing time.

- **Contribution to reduction of noise and electricity charges**
  - It is released from the noise at the time of an air emission, and it offers a comfortable working environment. Furthermore, since a use of a compressor decreases, you can save electric cost.

- **Excellent versatility**
  - Different from conventional unloader fixed to press machine, it is easy to remove it from press machine and is portable type. It can be used also to another press machine as per production situation.