Bias design and produce stacker / destacker systems for perfectly suited to meet the demands of different forming industries.

Wide Range of Application...

We offer most suitable and economic solution of automation concept for metal industries. According to customer request we design and produce:

- Stacker / Destacker
- Press mounted cartesian robots
- Blankloaders for transfer presses
- Die change system
- End of line system

Advantages...

- Flexible / Easy adjustment
- Efficient / Cost oriented
- Speedy / Increased performance

Standard Specification

- Steel construction body
- Magnetic sheet metal separator system
- Adjustable loading chamber
- Material level control (Lazer Switch)
- Motorized centering system

Optional Equipment

- Dual pick-up station
- Gripper
- Lubrication
DIE CART

Bias design and produce dual or single die cart system for perfectly suited to customer request.

<table>
<thead>
<tr>
<th>Die Loading/Unloading</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydraulic die lifter</td>
<td>Standard</td>
</tr>
<tr>
<td>Hydraulic clamp</td>
<td>Standard</td>
</tr>
<tr>
<td>Die change over time</td>
<td>5-20 min.</td>
</tr>
<tr>
<td>Max Die weight</td>
<td>20 tons</td>
</tr>
</tbody>
</table>

PRESS AUTOMATION SYSTEM

Loading / Unloading Cartesian Robots

- Servo control
- 2 or 3 axis
- Special design grippers
- Press adaptation
- Dual Pick-up station (Adjustable for different blanks)
- Centering station
- Lubrication accessories