from HAINBUCH

**CENTREX pays off!**

**Practical application values:**

- Change clamping devices in seconds
- Use all your clamping devices on every machine – with minimal set-up time
- Job-oriented utilization of clamping devices
- External set-up – increase machine runtime and higher machine output

**Investment:**

- CENTREX base plates: $2,000
- HAINBUCH pallets: $4,000
- Total investment: $6,000

**Practical application values:**

- Return on investment: < 6.5 months
- Profit after 1 year: $15,260
- Profit each additional year: $23,760

**Can you really say no to this?**

While saving time you can now machine additional work pieces and therefore increase your profits even further.

**THE SOLUTION:**

CENTREX pallet systems

**Watch out:**

- Change clamping devices in seconds
- Use all your clamping devices on every machine – with minimal set-up time
- Job-oriented utilization of clamping devices
- External set-up – increase machine runtime and higher machine output

**Profit each additional year:**

- $23,760

**Profit after 1 year:**

- $15,260

**Return on investment:**

- < 6.5 months

**Profit after 1 year:**

- $15,260

**Profit each additional year:**

- $23,760

**Set up time:**

- Machine runtime

- Productivity

**Security:**

- Investment:
  - CENTREX base plates: $2,000
  - HAINBUCH pallets: $4,000
  - Total investment: $6,000

**CENTREX pallet systems**

**HAINBUCH**

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**2500/09.10 Part no. 80001/0066 Subject to technical changes.**

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## CENTREX zero-point pallet systems

**Technology that centers**

Small steel balls, huge effect. The CENTREX positioning and centering element has been especially developed for the HAINBUCH pallet systems. The centering element is based on the most modern technology and extremely robust.

- And the CENTREX pallet systems also quickly find their center point, even if the load is forwarded from the centering element has been a standard component of the HAINBUCH pallet systems.

- The magnet system pallet is suitable for highly dynamic machines with rapid traverse movements. With 40% less weight compared to the mineral cast version, the lightweight aluminum pallet offers optimal hygiene and safety characteristics. Moreover the low machine table load facilitates manual changes.

<table>
<thead>
<tr>
<th>Model</th>
<th>Key advantages</th>
<th>Change pallets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnet system</td>
<td>Facilitates manual changes, thereby significantly reducing the machine table load and enhancing health and safety characteristics.</td>
<td>4. Magnet system pallet</td>
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<td>HAINBUCH</td>
<td>Light and scratch-resistant for better handling; robust, easy to clean no oxidation to the machine table</td>
<td>No additional actuating medium. No peripherals, easy maintenance. Extremely fast automated actuation.</td>
</tr>
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</table>

### Interface for changing devices

- Full utilization of the pallet surface
- High energy efficiency (power consumption at lock and unlock only)
- Work piece and chips are not magnetized
- Process-reliable locking mechanism via permanent magnets
- Extremely fast automated actuation
- Power-actuated via the machine controller or actuation button

### CENTREX pallet systems

- Machining of delicate components
- Machining of solid components with maximum rigidity
- Integration of a coolant lubricant supply or air supply is possible
- Full utilization of the pallet surface
- Highly energy-efficient (power consumption at lock and unlock only)
- Work piece and chips are not magnetized
- Process-reliable locking mechanism via permanent magnets
- Extremely fast automated actuation
- Power-actuated via the machine controller or actuation button

### Materials

- **Material base plate**
  - Mineral cast: High rigidity
  - Aluminum: Lightweight
  - Lightweight Aluminum: Lightweight

### Actuation

- **Draw-in and locking**
  - Draw-in force: 80 kN - 1.5 times higher than regular to conventional clamping
  - Steady and highly repeatable

### Advantages

- **Material change pallets**
  - Mineral cast: High rigidity
  - Aluminum: Lightweight
  - Lightweight Aluminum: Lightweight

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### Magnetics

- **Magnet system**
  - Facilitates manual changes, thereby significantly reducing the machine table load and enhancing health and safety characteristics. Moreover the low machine table load facilitates manual changes.
  - High energy efficiency (power consumption at lock and unlock only)
  - Work piece and chips are not magnetized
  - Process-reliable locking mechanism via permanent magnets
  - Extremely fast automated actuation
  - Power-actuated via the machine controller or actuation button

### Options

- **NEW**
  - CUSTOMIZE your pallet systems with your individual requirements via our online configurator.