WorkPal Compact Servo
**WORKPAL COMPACT SERVO** is a pallet changer that requires minimal floor space. It is designed for automatic changing of pallets in chucks on machine tables in:

- milling machines
- grinding machines
- die-sinking EDM machines
- wire EDM machines.

With a sliding door across one full side, the WorkPal Compact Servo gives maximum access to the magazine. This greatly facilitates the loading and unloading of pallets.

**TECHNICAL SPECIFICATIONS**

- Transfer weight – 50 kg (may be limited by the pallet system)
- Maximum total weight in the magazine – 300 kg
- MR, X and Y axes – AC servo motor
- Maximum vertical movement – 400 mm
- Maximum horizontal movement – 400 mm
- Required power supply – single-phase, 180 – 240 V AC, 10 A at 230V
- Required air pressure – 6 bars ± 1 bar, 150 l/min
- Required floor space – 1,200 x 1,200 mm
- Interface – serial RS232/422, M function or parallel I/O

“WorkPal conquers the nights for us. This is essential for our productivity.”

AZ Fiers spa, Italy
### Magazine Capacity

<table>
<thead>
<tr>
<th>Application</th>
<th>Pallet system</th>
<th>No. of positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table chuck, milling</td>
<td>Macro 54 and 70</td>
<td>24 or 60</td>
</tr>
<tr>
<td>Table chuck, grinding</td>
<td>Macro with chip guard</td>
<td>24</td>
</tr>
<tr>
<td>Table chuck, die-sinking EDM</td>
<td>GPS70</td>
<td>24 or 60</td>
</tr>
<tr>
<td></td>
<td>GPS120</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Macro Ø 116</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>MacroMagnum</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>GPS240</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Dynafix</td>
<td>5</td>
</tr>
<tr>
<td>Table chuck, wire EDM</td>
<td>Macro</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Unimatic</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>MacroTwin</td>
<td>4</td>
</tr>
<tr>
<td>Wire EDM B axis</td>
<td>Macro 54 and 70</td>
<td>12, 24 or 40</td>
</tr>
</tbody>
</table>

### Simple Installation

No expensive machine modifications are required. The changing arm lifts pallets over the tank in wire EDM machines.

### Options

- In-built lighting
- Integrated drying station with/without thermostat for temperature control
- ID system with/without automatic scanning
- Cell PC with WorkShopManager software

### Accessories

- Chip guard for Macro 54 and 70 – U-50167.55
- Code carrier – 3R-863.01-10, 3R-863.01-10M, 3R-863.25-10, 3R-863.30-10 or C690 800

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“Rather than ‘bits of steel’, System 3R supplies complete production solutions. The milling machine’s spindle hours have doubled.”

Smits Machinengenfachiek BV, the Netherlands