SOLO Swiss 302
SOLO Swiss 302 Conveyor Belt Furnace with quenching tank

Innovative. Reliable. Precise.
Reliability
- The dimensional stability of the canal is guaranteed by a profiled bottom muffle.
- A pre-heating canal avoids thermic shocks and enables residual oil burning.
- Forced gas circulation turbine.

Automation
- Automatic management of all parameters linked to processes and production.
- Traceability is compliant with ISO 9000.
- Continuous and discontinuous flow management.

Economical
- Low treatment gas consumption thanks to a metallic muffle.
- Energy saving through internal belt return.

Precision
- Temperature homogeneity is guaranteed by several independent heating zones.
- Forced treatment gas circulation through the parts to be treated.
- Regulation of carbon potential in several independent zones.
- Control and regulation of temperatures through thermocouples distributed throughout the muffle.

Flexibility of the processes
- Fast atmospheric change for:
  - Austenitizing,
  - Carburizing,
  - Carbonitriding.
- Choice for quenching media (oil/salt).

Additional Equipment
- Centrifuge
- Automatic feeding system
- Remote PC control, M.E.S, ERP connection
- Carousel washing machine
- Conveyor belt washing machine
- Carousel quenching tank
SOLO Swiss 302

<table>
<thead>
<tr>
<th>Model</th>
<th>Measurements (mm)</th>
<th>Heating power (kW)</th>
<th>Production (kg/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>302-20/200</td>
<td>200</td>
<td>30</td>
<td>40</td>
</tr>
<tr>
<td>302-20/300</td>
<td>200</td>
<td>45</td>
<td>84</td>
</tr>
<tr>
<td>302-40/250</td>
<td>400</td>
<td>80</td>
<td>140</td>
</tr>
<tr>
<td>302-40/400</td>
<td>400</td>
<td>125</td>
<td>220</td>
</tr>
<tr>
<td>302-45/400</td>
<td>450</td>
<td>136</td>
<td>220</td>
</tr>
<tr>
<td>302-40/500</td>
<td>400</td>
<td>145</td>
<td>280</td>
</tr>
<tr>
<td>302-60/400</td>
<td>620</td>
<td>170</td>
<td>336</td>
</tr>
<tr>
<td>302-60/500</td>
<td>620</td>
<td>230</td>
<td>420</td>
</tr>
</tbody>
</table>

Continuous flow

Discontinuous flow

Various configurations