At TEKA everything revolves around mixing. We offer, for the most diverse applications and the highest demands in quality concrete products and ready-mix concrete, customized solutions with the highest technical standards suited to the individual conditions with the right type of mixer from one source:

- **TPZ HIGH-PERFORMANCE PLANETARY MIXERS**
- **THZ HIGH-PERFORMANCE PAN MIXERS** also equipped with Agitator
- **THT HIGH-PERFORMANCE PLANETARY MIXERS** with mixing turbine
- **TDZ HIGH-PERFORMANCE TWIN-SHAFT MIXERS**

Consultation, Planning, Manufacturing, Installation, Service.

TEKA, mixing technology, proven worldwide for over 50 years.
TEKA TPZ Planetary Mixers are available in sizes ranging from 250 to 4500 liters filling capacity, yielding output capacities from ¼ - 4 cu. yds.

1 | The efficient and aggressive mixing action of batch materials results in maximum homogenization in the shortest possible cycle times. Even the most demanding batch designs are thoroughly mixed, due to the effective design and rotation of the mixing arms and paddles.

2 | TPZ mixers have a low overall height due to the externally mounted discharge gate, and offer easy access to the inside of the mixer.

3 | The robust and compact design of the drive line uses only one motor for high efficiency. Hydraulic Turbo Couplings are standard on the TPZ 1500 and larger models. As an option, a frequency converter can be installed on all TEKA mixers, to optimally adjust the speed of the mixing arms.

4 | Separate hydraulic power packs operate the discharge gate(s). A manual hand pump is included to open discharge gates in case of a plant power outage. Discharge gate openings are large for short discharge times, but can also be opened to various degrees using proximity switches.

5 | The mixer hood design has several large spaces for material inlets. Cleaning/access doors can be installed in various locations, and are built with quick-release latches, gas-pressure pistons to keep them open, and electronic safety switches to stop mixer operation when they are opened.

6 | TPZ mixers have low maintenance factors, and require gearbox oil changes only every 2500 hours. Central grease lubrication (except for rotating mixing stars) is standard. An optional motor-driven automatic grease lubrication pump is available.

7 | Electrical components are completely pre-wired to an electrical junction box.

8 | Production water is sprayed into the mixer through multiple nozzles.

9 | All TEKA mixers can be outfitted with a Skip Hoist to charge the mixer with batch materials. TEKA offers tilting skip hoods for very steep angles (90º) of inclination, or the standard 60º non-tilting bottom-discharge type.

10 | As an option, mixers can have a Sample Gate.

Available options:
- Moisture probes (wall or floor mounted)
- Automatic Wash-out Systems
- Steam-Injection through pneumatically operated steam nozzles in the outer wall
- Mixer Air Bags for dust control
- Replaceable wear liners made of AR Steel, Chromium Carbide, Chill-cast Tiles, or Ceramic Tiles
- Mixing Paddles made of Ni-hard Steel, Polyurethane, or with tungsten/carbide surfacing
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<table>
<thead>
<tr>
<th>TPZ</th>
<th>250</th>
<th>375</th>
<th>500</th>
<th>500G</th>
<th>750</th>
<th>1125</th>
<th>1500K</th>
<th>1500</th>
<th>1875</th>
<th>2250K</th>
<th>2250</th>
<th>3000</th>
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<tr>
<td>cu.ft.</td>
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<td>18</td>
<td>21</td>
<td>24</td>
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<td>30</td>
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<tr>
<td>cu.yds.</td>
<td>½</td>
<td>1</td>
<td>1½</td>
<td>1</td>
<td>1½</td>
<td>1</td>
<td>1½</td>
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<td>2</td>
<td>2</td>
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<tr>
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<td>1,800</td>
<td>2,100</td>
<td>2,700</td>
<td>4,000</td>
<td>5,300</td>
<td>5,300</td>
<td>6,800</td>
<td>8,000</td>
<td>8,000</td>
<td>11,700</td>
<td>11,700</td>
<td>11,700</td>
</tr>
<tr>
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<td>cu.ft.</td>
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<td>13</td>
<td>18</td>
<td>21</td>
<td>24</td>
<td>26</td>
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<td>1½</td>
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</tbody>
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**Parent Company and Headquaters:**

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For the most diverse applications and highest demands in the production of quality building materials.