Choice

Since 1930 we have continued to improve our offering of quality, safety, and exceptional value to our respected customers in industry, commerce and healthcare. We have a dedicated customer service team to support our products and offer a full line of after-market and OEM parts. With Superior Boiler Works, you can choose your steam or hot water packaged boiler solution to fit your demanding needs.

We invite you to Demand Superior Performance and Demand Superior Boilers.

<table>
<thead>
<tr>
<th>Nominal BoHP</th>
<th>50</th>
<th>60</th>
<th>75</th>
<th>80</th>
<th>100</th>
<th>125</th>
<th>150</th>
<th>200</th>
<th>250</th>
<th>300</th>
<th>350</th>
<th>400</th>
<th>500</th>
<th>600</th>
<th>700</th>
<th>800</th>
<th>900</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steam/HP</td>
<td>196</td>
<td>205</td>
<td>225</td>
<td>283</td>
<td>333</td>
<td>440</td>
<td>500</td>
<td>600</td>
<td>700</td>
<td>800</td>
<td>1000</td>
<td>1100</td>
<td>1300</td>
<td>1500</td>
<td>1700</td>
<td>1900</td>
<td>2100</td>
<td>2300</td>
</tr>
<tr>
<td>Hot Water/HP</td>
<td>1065</td>
<td>1129</td>
<td>1274</td>
<td>2048</td>
<td>2542</td>
<td>4294</td>
<td>4895</td>
<td>5895</td>
<td>6895</td>
<td>8895</td>
<td>11045</td>
<td>11645</td>
<td>13745</td>
<td>15845</td>
<td>17945</td>
<td>20045</td>
<td>22145</td>
<td>24245</td>
</tr>
<tr>
<td>NOx Reduction</td>
<td>1988</td>
<td>2019</td>
<td>2275</td>
<td>2875</td>
<td>3600</td>
<td>4925</td>
<td>5825</td>
<td>6825</td>
<td>7825</td>
<td>8825</td>
<td>10085</td>
<td>10785</td>
<td>12085</td>
<td>13385</td>
<td>14885</td>
<td>16385</td>
<td>17885</td>
<td>20085</td>
</tr>
<tr>
<td>Design Pressure*</td>
<td>108.7 113.6 121.6</td>
<td>201.3</td>
<td>223.0</td>
<td>233.8</td>
<td>278.9</td>
<td>305.7</td>
<td>342.6</td>
<td>379.5</td>
<td>416.3</td>
<td>100.0</td>
<td>106.8</td>
<td>113.6</td>
<td>121.6</td>
<td>137.4</td>
<td>145.3</td>
<td>153.1</td>
<td>160.9</td>
<td></td>
</tr>
<tr>
<td>Length Overall (in)</td>
<td>814 794 774 754 734 714 694 674 654 634 614 594 574 554 534 514 494 474</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Width Overall (in)</td>
<td>61 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height Overall (in)</td>
<td>114 104 94 84 74 64 54 44 34 24 14 14 14 14 14 14 14 14</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shipping Weight Approx. 15 PSI***</td>
<td>5605</td>
<td>5805</td>
<td>5905</td>
<td>6005</td>
<td>6105</td>
<td>6205</td>
<td>6305</td>
<td>6405</td>
<td>6505</td>
<td>6605</td>
<td>6705</td>
<td>6805</td>
<td>6905</td>
<td>7005</td>
<td>7105</td>
<td>7205</td>
<td>7305</td>
<td>7405</td>
</tr>
<tr>
<td>Shipping Weight Approx. 150 PSI****</td>
<td>5200</td>
<td>5300</td>
<td>5400</td>
<td>5500</td>
<td>5600</td>
<td>5700</td>
<td>5800</td>
<td>5900</td>
<td>6000</td>
<td>6100</td>
<td>6200</td>
<td>6300</td>
<td>6400</td>
<td>6500</td>
<td>6600</td>
<td>6700</td>
<td>6800</td>
<td>6900</td>
</tr>
</tbody>
</table>

*Higher Pressure are available upon request. **Shipping Weights are approximate. Dimensions are subject to change without notice. Certified Drawings are available.

"Demand Superior Performance"

3524 E. 4th Street • Hutchinson, KS 67501 • P.O. Box 1527 • Hutchinson, KS 67504-1527
620-662-6693 • Fax: 620-662-7586
www.superiorboiler.com

Quality • Safety • Exceptional Value

- 3-pass scotch marine design with dryback construction
- Pressures from 15-300 psi steam and 30-160 psi hot water
- Available with NOx reduction technology to sub 9 ppm
- Sizes from 30-1,000 BoHP
The Superior Boiler Works' Mohawk 3-pass dryback boiler is designed for maximum efficiency, reliability and durability for today's most demanding environments.

Features

• 3 pass dryback design
• Corrugated furnaces on ASME Section I high pressure boilers
• Large furnace and rear turnaround volume for complete combustion
• Roller-bearing supported single-hinged rear door for total fireside access
• Packaged with Gas, Oil, or Combination Gas & Oil Burner

For long, trouble free boiler life, it is also vital that combustion be completed within the confines of the firetube. The Mohawk is designed with a long furnace made with thicker material than ASME minimum requirements. In addition, the furnaces of high pressure steam Mohawk boilers are corrugated to thwart negative effects of expansion and contraction.

Our employees unite each and every day to seek quality in workmanship. Whether we are cutting steel, welding furnaces to pressure vessels, insulating pressure vessels with two inch 8-lb density mineral fiber, painting galvanized 22 gauge steel jackets with 500°F enamel or piping a gas train, we tailor our products to exceed ASME standards.

Safety

Packaged boilers are trimmed with necessary safeties and code piping and inspected by authorized, independent code inspectors. Factory mounted and wired packaged burners are available from all burner manufacturers. Standard burners comply with UL requirements. Other code requirements such as CSD-1, IRI, FM, NFPA 85, and CSA are available upon request. Packaged Mohawk boilers can be factory firetested to check electrical components for proper operation and ensure smooth ignition and quicker field startups.

Exceptional Value

Superior Boilers offer thicker tubesheets, thicker tubes, large corrugated furnaces, and the ability to factory mount, wire and test UL or CSA listed burners from all burner manufacturers. However there are still more features that make the Mohawk an exceptional value. All Mohawk boilers have two 3” x 4” handhole openings in the front tube sheet, two handholes on the bottom centerline and an available manway which permits inspection of the bottom of the drum, and facilitates cleaning and tube removal. Full front end and fireside access is standard on all Superior boilers. Our design eliminates the necessity of disconnecting fuel lines when inspection or maintenance functions are required.