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 HP</th>
<th>70</th>
<th>85</th>
<th>110</th>
<th>125</th>
<th>150</th>
<th>200</th>
<th>250</th>
<th>300</th>
<th>350</th>
<th>400</th>
<th>450</th>
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<th>550</th>
<th>600</th>
<th>650</th>
<th>700</th>
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</thead>
<tbody>
<tr>
<td>Steam (psi)</td>
<td>150</td>
<td>175</td>
<td>200</td>
<td>225</td>
<td>250</td>
<td>300</td>
<td>350</td>
<td>400</td>
<td>450</td>
<td>500</td>
<td>550</td>
<td>600</td>
<td>650</td>
<td>700</td>
<td>750</td>
<td>800</td>
</tr>
<tr>
<td>Hot Water (psi)</td>
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<td>175</td>
<td>200</td>
<td>225</td>
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<td>350</td>
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<td>550</td>
<td>600</td>
<td>650</td>
<td>700</td>
<td>750</td>
<td>800</td>
</tr>
</tbody>
</table>

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MOHICAN

"Demand Superior Performance"

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620-662-6693 • Fax: 620-662-7586

www.superiorboiler.com

Superior Boiler Works, Inc.

Quality • Safety • Exceptional Value

• 4-pass scotch marine design with full wetback construction
• Pressures from 15-300 psi steam and 30-160 psi hot water
• Available with NOx reduction technology to sub 9 ppm
• Sizes from 70-1,500 BoHP
The Superior Boiler Works’ Mohican 4-pass wetback boiler is designed for maximum efficiency, reliability and durability for today’s most demanding environments.

**Features**

- 4 pass wetback design
- Exceptional efficiencies and economical operation
- Corrugated furnaces on ASME Section I high pressure boilers
- Large furnace and rear turnaround volume for complete combustion
- Extended warranty on major PV parts and front/rear smoke box doors
- Packaged with gas, oil, or combination gas & oil burner

The tubesheet is the most critical component in any scotch marine type boiler and Superior’s tubesheets exceed the ASME code thickness by 25% in low pressure units and 33% in high pressure units. Thick tube sheets coupled with tubes 10% thicker than ASME code requirements and ¾” ligament spacing give Superior Boiler Owners more tube seating surface and long equipment life.

For long, trouble free boiler life, it is also vital that combustion be completed within the confines of the firetube. The Mohican is designed with a long furnace made with thicker material than ASME requirements. In addition, the furnaces of high pressure steam Mohican 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 tubesheets 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 signed off on by code inspectors. Factory mounted and wired, proven and reliable packaged burners are available from all burner manufacturers. Standard burners comply with UL requirements. Code requirements such as CSD-1, IRI, FM, NFPA 85, and CSA are available upon request. Packaged Mohican 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 Mohican an exceptional value. All Mohican 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.

To make the highest quality scotch marine boiler on the market, we began with quality-in-design. The tube sheet, furnace, tubes and other critical components were designed to exceed the ASME code to guarantee a quality product that will last for decades.