THE NEW WORLD STANDARD

FORTRESS PRODUCT LINE FOR THE DEMOLITION & SCRAP RECYCLING INDUSTRIES

SHEARCORE.COM
Bruce Bacon - President

Bruce Bacon has been a part of the scrap recycling industry for the past 30 years. He started out as a regional sales manager for Roy LaBounty, a man he considers his mentor. He then brought innovation to the mobile shear market when he co-founded Genesis Equipment. After a brief departure from that market, he is back at it – helping create the most cutting edge mobile shears for the scrap and demolition markets. His philosophy isn’t complicated. In his own words, “We operate under a simple belief, hire great people, deliver the best product, and focus on customer satisfaction.” His passion for the product and the industries we serve is contagious and great talent continues to follow him.

Ross Christenson - Lead Design Engineer - Shears

When ShearCore was still just an idea, we knew there was a non-negotiable point in the business plan. We had to have Ross Christenson. His reputation for sophisticated, yet simple designs, coupled with decades of experience and logical, innovative engineering are things we couldn’t do without.

With Ross on board, and a clean slate, ShearCore is now manufacturing the Fortress attachment line including a mobile shear that is powerful, structurally sound and has a reduced number of parts due to its advanced design.

Jim Campbell - VP of Operations

When it comes to manufacturing mobile shears, nothing matters more than experience, and no one has more than Jim Campbell. When you combine Jim’s knowledge and passion with state of the art machining centers, a new factory and a hand picked crew of welders, machinists, painters and assemblers, you have the best the industry can offer.

Fortress attachments are designed for manufacturability. Our state-of-the-art mills allow us to use approximately half of the number of weldments compared to other shears. **Fortress - Manufactured with excellence.**
**FS SERIES**

Mobile Shear

- Innovative engineering with an optimized structure for long life and high strength to weight ratio
- Designed with maintenance in mind - large access panels are removable for component replacement

### SHEAR SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Approx. Shear Weight (lbs.)</th>
<th>Jaw Opening (in.)</th>
<th>Jaw Depth (in.)</th>
<th>Reach</th>
<th>Minimum Excavator Boom Mount (lbs.)</th>
<th>Minimum Excavator Stick Mount (lbs.)</th>
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<tbody>
<tr>
<td>FS25R</td>
<td>5,600</td>
<td>23</td>
<td>19</td>
<td>8’ 8”</td>
<td>30,000</td>
<td>45,000</td>
</tr>
<tr>
<td>FS35R</td>
<td>7,400</td>
<td>26</td>
<td>23</td>
<td>9’ 5”</td>
<td>40,000</td>
<td>67,000</td>
</tr>
<tr>
<td>FS45R</td>
<td>12,000</td>
<td>28</td>
<td>28</td>
<td>10’ 11”</td>
<td>55,000</td>
<td>90,000</td>
</tr>
<tr>
<td>FS55R</td>
<td>13,800</td>
<td>30</td>
<td>30</td>
<td>11’ 2”</td>
<td>67,000</td>
<td>110,000</td>
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<tr>
<td>FS75R</td>
<td>15,700</td>
<td>32</td>
<td>32</td>
<td>12’ 0”</td>
<td>75,000</td>
<td>130,000</td>
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<tr>
<td>FS85R</td>
<td>17,900</td>
<td>36</td>
<td>37</td>
<td>13’ 4”</td>
<td>90,000</td>
<td>170,000</td>
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<tr>
<td>FS95R</td>
<td>21,300</td>
<td>42</td>
<td>42</td>
<td>13’ 9”</td>
<td>110,000</td>
<td>185,000</td>
</tr>
<tr>
<td>FS145R</td>
<td>28,500</td>
<td>46</td>
<td>47</td>
<td>14’ 9”</td>
<td>145,000</td>
<td>250,000</td>
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</table>

Models listed are rotating shears. Non-rotating models are available in all sizes.
Weights may vary depending on configuration options, listed weight is typical 2nd member mount.
FC SERIES
Concrete Processor

• Narrow Stick body for improved visibility
• Removable isolated bottom cover provides exceptional access to all serviceable components

“CRACKER” SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Approx. Attachment Weight (lbs.)</th>
<th>Jaw Opening (in.)</th>
<th>Jaw Depth (in.)</th>
<th>Reach (in.)</th>
<th>Minimum Excavator 2nd Member Mount (lbs.)</th>
<th>Minimum Excavator 3rd Member Mount (lbs.)</th>
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</thead>
<tbody>
<tr>
<td>FC25</td>
<td>6,100</td>
<td>32</td>
<td>30</td>
<td>7’ 4”</td>
<td>30,000</td>
<td>45,000</td>
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<tr>
<td>FC35</td>
<td>8,700</td>
<td>42</td>
<td>38</td>
<td>9’ 4”</td>
<td>40,000</td>
<td>66,000</td>
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<tr>
<td>FC45</td>
<td>10,200</td>
<td>53</td>
<td>44</td>
<td>10’ 4”</td>
<td>60,000</td>
<td>90,000</td>
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</table>

Weights may vary depending on configuration options, listed weight is typical flat top without bracket.
FRG SERIES
Rotating Grapple

- Perfect for industrial demolition and intensive sorting
- Maintenance friendly and extremely strong

**GRAPPLE SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight (lbs.)</th>
<th>Volume (gal)</th>
<th>Open Dimension (in.)</th>
<th>Closing Force (ton)</th>
<th>Maximum Operating Pressure (psi)</th>
<th>Carrier Size (lbs.)</th>
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<tbody>
<tr>
<td>FRG5N</td>
<td>463</td>
<td>22</td>
<td>44</td>
<td>1.2</td>
<td>4,600</td>
<td>4,000-11,000</td>
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<tr>
<td>FRG9N</td>
<td>937</td>
<td>31</td>
<td>53</td>
<td>2.6</td>
<td>4,600</td>
<td>11,000-19,000</td>
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<tr>
<td>FRG12N</td>
<td>1,918</td>
<td>73</td>
<td>68</td>
<td>4.1</td>
<td>4,600</td>
<td>22,000-33,000</td>
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<tr>
<td>FRG15N</td>
<td>2,237</td>
<td>90</td>
<td>72</td>
<td>4.1</td>
<td>5,000</td>
<td>31,000-39,000</td>
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<td>FRG22N</td>
<td>2,877</td>
<td>120</td>
<td>78</td>
<td>5.3</td>
<td>5,000</td>
<td>33,000-48,000</td>
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<tr>
<td>FRG28N</td>
<td>3,417</td>
<td>140</td>
<td>86</td>
<td>6.1</td>
<td>5,000</td>
<td>44,000-61,000</td>
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<tr>
<td>FRG37N</td>
<td>4,453</td>
<td>198</td>
<td>95</td>
<td>7.0</td>
<td>5,000</td>
<td>55,000-81,000</td>
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<tr>
<td>FRG48N</td>
<td>5,037</td>
<td>249</td>
<td>95</td>
<td>8.0</td>
<td>5,000</td>
<td>77,000-105,000</td>
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<td>FRG60N</td>
<td>8,510</td>
<td>340</td>
<td>120</td>
<td>11.5</td>
<td>5,000</td>
<td>99,000-132,000</td>
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</tbody>
</table>

- Extra wide bearing bushings allowing for decreased overall tension
- Extra long stroke means the teeth blades always align - even if the edges are worn
- Cylinders are equipped with a load holding valve which secures the load if oil pressure is cut off
- High torque motors allowing the grab to be in any position
- Extra wide bearing bushings allowing for decreased overall tension
- Strong rotating headpiece and an oversized, double slewing ring
- Replaceable Hardox steel cutting teeth
- OilQuick is an Automatic Hydraulic Quick Coupler system offered on Fortress products
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- Extra wide bearing bushings allowing for decreased overall tension
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- OilQuick is an Automatic Hydraulic Quick Coupler system offered on Fortress products
Bruce Bacon  
President

Rich Currie  
VP of Sales

Brian Hawn  
VP of Service

Scott Van Aernum  
Service Manager

Cheri Boreen  
Parts Specialist

Kenny Bradshaw  
(218) 343-6803  
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US: AL, Western FL, GA, MS, TN
18 years in the industry - “I came out of retirement and joined ShearCore because of the product lines we offer and the spirit, drive and integrity of the people in the organization. It’s such a pleasure to work with a group of designers and engineers that are setting world standards and breaking production records on a daily basis.”

Ian Lewandowski  
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ian@shearcore.com
US: AK, CO, IA, IL, KS, MI - UP, MN, MO, MT, ND, NE SD, WI, WY
Canada: AB, MB, NT, NU, ON - excluding Toronto, SK, YT
17 years in the industry - “The scrap & demo industry is in my blood. I’ve been lucky enough to represent the highest quality heavy equipment designed by the most talented and experienced engineers and manufacturers, combined with a ridiculous commitment to service and support. I love my job.”

Chris Fodor  
(513) 257-9038  
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US: CT, IN, KY, MA, ME, MI, OH, NH, NJ, NY, PA, RI, VT, WV
Canada: BE, NB, NL, NS, ON - Toronto Area, QC
10 years in the industry - “It means a lot to work for great people with respect and integrity who empower you to do your job and stand behind you. It’s even better when the company builds a product that you can absolutely be proud to represent.”

Leah Glucoft  
(503) 545-0749  
leah@shearcore.com
US: AZ, CA, ID, NM, NV, OR, UT, WA
Canada: BC
Leah is a 3rd generation scrapper. “Sales is not just about just making money. It’s about doing what’s right for the customer and making a lasting impression. It’s about knowing when to listen and when to ask the right questions”. What’s Leah’s favorite thing about the scrap industry? The people!

Terry Sturgell  
(772) 418-4844  
terry@shearcore.com
US: AR, DC, Eastern FL, LA, MD, NC, OK, SC, TX
14 years in the industry - “I have had the opportunity to meet and work with plenty of hard working, honest people and am proud to be part of this industry. Working with ShearCore gives me an opportunity to work with a close knit team that has the same core values of honor and integrity that I hold so dearly.”

Bryan Bromme  
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Inside Sales Manager