Production rates up to 47 metric tons per hour

The Steele 45 Series is our mid-size stiff extruder and pug sealer combination, designed for shaping up to 47 metric tons per hour. This low-maintenance, high-efficiency system handles the same demanding stiff extrusion applications as our larger extruders, but at lower production volumes.

Stiff extrusion in a mid-sized machine

The Steele 45 Pug Sealer is a high-shear mixer with rugged unibody construction that eliminates a frame and sills. A large open pug feeds the enclosed auger section and the sealing core, sealing die, shredder and auger sections are split for easy mounting and fast replacement.

Adjustable pitch knives resist abrasion and mix a wide range of materials. A renewable sealing auger cast with an innovative clamshell design simplifies access to sealing augers and the sealing section.

Our vacuum seal design minimizes leaks in the sealing auger case and eliminates the need for silicon to maintain vacuum levels.

 Processes tough, plastic and sticky clays, and abrasive fines and dusts
 Trouble-free operation with minimal maintenance
 Fewer process steps for lower production costs
 Drive options for easier installation
 Accepts batch-mixed materials

The 45 Extruder’s updated design has a large, open vacuum chamber, reducing the possibility of bridging and offering easier access for maintenance.
Easy installation, operation and maintenance

The Steele 45 Series sets the industry standard for mid-sized production needs in demanding extrusion applications. Like all Steele machinery, the 45 Series comes with Steele’s global service and inventory commitment.

The Steele 45 Extruder offers convenient access to auger spirals and liners.

For more information, contact your regional Steele sales representative.
+1.704.872.3681
www.jcsteele.com

<table>
<thead>
<tr>
<th>PRODUCTION*</th>
<th>45AT EXTRUDER</th>
<th>45A PUG SEALER</th>
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</thead>
<tbody>
<tr>
<td>US Tons/Hour</td>
<td>Metric Tons/Hour</td>
<td>HP</td>
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<tr>
<td>26</td>
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<td>20</td>
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<td>47</td>
<td>40</td>
</tr>
</tbody>
</table>

*Production figures are average and will vary depending on many factors, including auger/liner selection and wear, raw material, product extruded, and column stiffness.

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The Steele Group™

The Steele Extruder & Pug Sealer

IN-LINE INSTALLATION

ANGLE INSTALLATION

Extruder Weight: 23,000 lbs (10,430 Kg)
Pug Sealer Weight: 21,500 lbs (9,750 Kg)

Left hand installation shown. Pug sealer can also be mounted to the right.

Minimum clearance required to remove shaft

H+10’ 5 1/4” (3181 mm)

H+48 1/2” (1232 mm)

KEEP AT LEAST 15° (381mm) BELOW PUG TUB CLEAR FOR MAINTENANCE

H

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