The Fletcher Series 3100 Roof Bolter is designed for bolting in high roof conditions up to 35 feet. Tramming is done from the enclosed cab. Drilling, resin insertion, and bolting are accomplished from the operator’s basket. Boom lifts, swings, and extends to allow multiple installations from one chassis position. Heavy-duty Fletcher systems assure long life, maximum reliability and productivity.

**Standard Equipment**

- 144 HP John Deere Engine
- 4 wheel internal wet disc brakes
- Deep chuck drill head
- Articulating chassis
- 4 wheel drive with John Deere Axles
- MSHA rated cab and canopy
- Load sensing hydraulic system with piston pump
- Front Outriggers

**Features**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom Swing</td>
<td>Up to 40 degrees either side of center</td>
</tr>
<tr>
<td>Boom Sump</td>
<td>Up to 7’</td>
</tr>
<tr>
<td>Boom Lift</td>
<td>Up to 65 degrees</td>
</tr>
<tr>
<td>Overall Length</td>
<td>32</td>
</tr>
<tr>
<td>Overall Width</td>
<td>10’</td>
</tr>
<tr>
<td>Chassis Height</td>
<td>8’8”</td>
</tr>
<tr>
<td>Ground Clearance</td>
<td>12”</td>
</tr>
<tr>
<td>Weight</td>
<td>Avg. 50,000 lbs.</td>
</tr>
</tbody>
</table>

(Dimensions and weight vary, depending on tire size and seam height application)
Model 3100

General Specifications

**DIESEL SYSTEM:** EPA Tier II approved diesel engine.

**HYDRAULIC SYSTEM:** maximum working pressure: 5000 psi; filtration: magnetic in-tank, Pall high pressure; hand-operated fill pump with screened intake; JIC hose fittings.

**DRIVE SYSTEM:** Hydrostatic 0-6 mph John Deere axles.

**DRILLING SYSTEM:** Chain driven single pass drill feed with 20” of crowd. Designs for up to an 14ft bolt.

**Fletcher Options**
- turntable mounted boom and cab
- drill from cab install bolts from basket
- Powershift transmission drive for speeds up to 12 mph
- heated / air conditioned cab
- mat holder, mesh clamps
- rotary percussive drill
- hydraulic power take-off
- dry dust collection
- mast tilt

J. H. Fletcher & Co. cannot anticipate every mine hazard that may develop during use of these products. A roof control plan must be approved by MSHA before use of these products begins. Proper use, maintenance and continued use of (OEM) original equipment parts will be essential for maximum operating results.

Specified engineered for each customer’s needs.

J. H. Fletcher & Co.
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