Vent Port Stuffers

Vent Port Stuffers provide a safe way to increase production whilst removing air, moisture and volatiles without losing process material from the vent port.
Features

⇒ Reliable, trouble-free self-cleaning twin-screw design that helps prevent material rising up the vent port when de-gassing.
⇒ Self-cleaning, replaceable screws for process reliability.
⇒ Allows full vacuum to be drawn when removing air, moisture and volatiles.
⇒ Angled vacuum take-off prevents condensate returning to the extruder process melt.
⇒ Can be installed on most production sized twin screw compounding extruders.

Benefits

⇒ Run extruders at higher outputs or fill levels and maintain product quality.
⇒ Minimise inconvenient and costly down time through vent port blockage.
⇒ Remove the need for an operator to continuously monitor extruder.
⇒ No need to clean vent when running means improved operator safety.
⇒ Constructed from high quality material to a robust no nonsense design.
Vent Port Stuffers prevent material exiting through the vent port, which can be a costly problem leading to blocked vents, dropped strands and degraded “black specs” in the end product.

Vent Port Stuffers reduce the need to review screw profiles and still work when the barrel liners start to wear.

**Specifications**

- Self-wiping co-rotating twin screws with 100rpm screw speed.
- AC geared motor unit connected to a water cooled, oil filled splitter gearbox for long life.
- Threaded vacuum take-off connection.
- High temperature vacuum seals.
- Easy clean, two part vacuum chamber.
- Supplied with electrical control box, including plug and socket connections.
- Supplied with a through hardened barrel vent port adaptor.

See below for sizes and further specifications:

<table>
<thead>
<tr>
<th>Model</th>
<th>Diameter mm</th>
<th>Minimum size of existing vent port (mm)</th>
<th>Typically fits extruders in the range of</th>
<th>Nominal motor Power kW, Nm, rpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>VTS 30T</td>
<td>30</td>
<td>A: 87, B: 53, C: 50</td>
<td>30, 50</td>
<td>2.2 - 238Nm - 85rpm</td>
</tr>
<tr>
<td>VTS 40T</td>
<td>40</td>
<td>A: 87, B: 53, C: 50</td>
<td>30, 50</td>
<td>2.2 - 238Nm - 85rpm</td>
</tr>
<tr>
<td>VTS 50T</td>
<td>50</td>
<td>A: 117, B: 71, C: 70</td>
<td>40, 70</td>
<td>2.2 - 238Nm - 85rpm</td>
</tr>
<tr>
<td>VTS 80T</td>
<td>80</td>
<td>A: 189, B: 115, C: 110</td>
<td>65, 110</td>
<td>4 - 464Nm - 80rpm</td>
</tr>
<tr>
<td>VTS 100T</td>
<td>100</td>
<td>A: 234, B: 142, C: 140</td>
<td>80, 160</td>
<td>4 - 464Nm - 80rpm</td>
</tr>
</tbody>
</table>
Here at Xtrutech we manufacture an extensive range of bespoke ancillary equipment. We use our 50 years experience in the design and running of Twin Screw Extruders to provide customised service, focussed on meeting process requirements and providing efficient solutions to a multitude of processing issues.

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