

Uniloy is proud to introduce this month's web posting which is a menu of extrusion head conversions available for our existing dash 1 and dash 4 style heads. The conversions available include adding bleed screws and front die adjust as well as incorporating our new quick flow head technology. These enhancements can be added to your existing heads individually or in combination. Benefits include:

- Reduction in Machine Down Time
- Enhanced Safety
- Improvements in Parison Drop

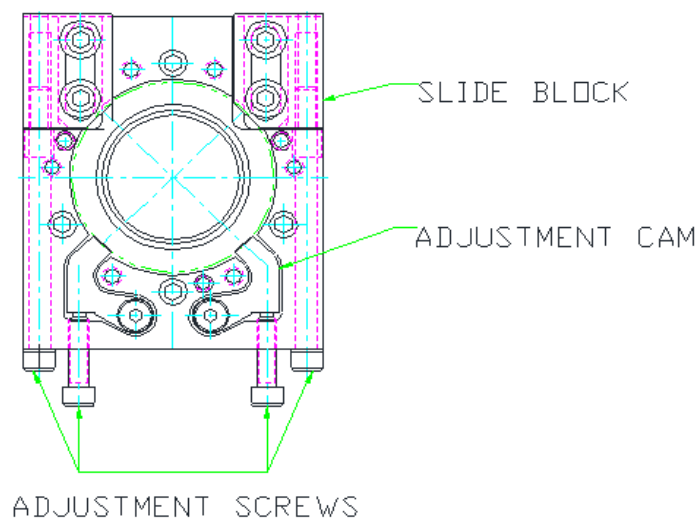
Bleed Screws

The bleed screw option is a must for any machine producing containers in multiple colors. Most color changes require that the extruder, head and tooling be purged clean of the previous colored material before production in a new color can resume. This cleaning process can be time consuming. One point in all Uniloy heads, just below the chisel point on the upper mandrel sleeve, is particularly difficult to get purged out during color changes. **This is where the bleed screw can help.** The bleed screw is positioned directly beneath the chisel point and can be opened during operation allowing for the activation of this "dead spot". Material is purged directly out of this bleed port which greatly reduces the time for your color changes.

The Bottom line is that you can reduce your lost production time during color change by up to 50%!

Front Die Adjust

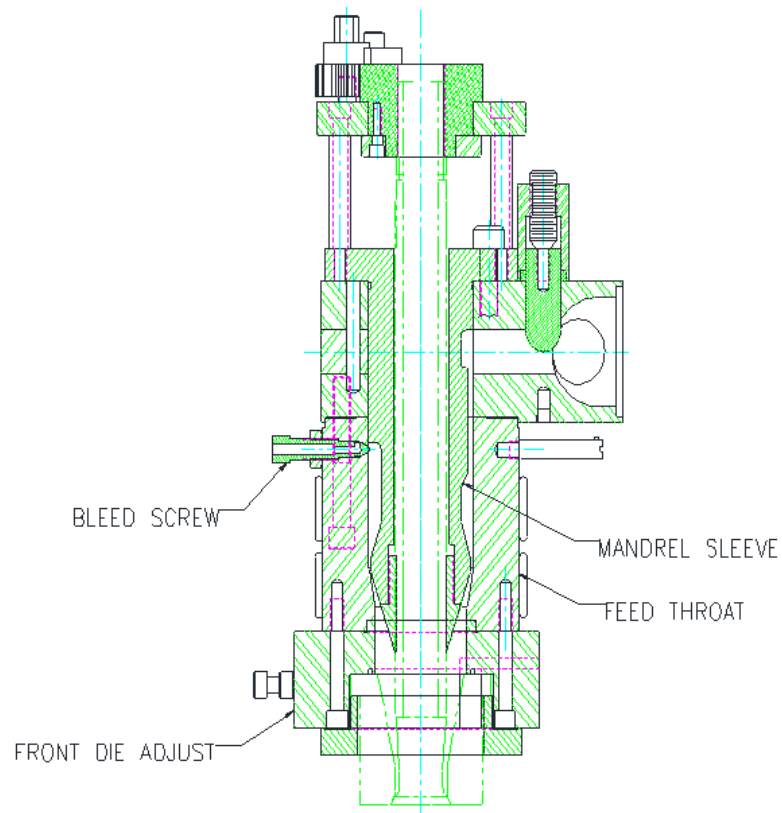
Die adjustments on a dash 1 and dash 4 head are normally made by using a box end wrench to loosen and tighten the four adjustment bolts located just above the die retainer ring on each head. These bolts are located on the front and back side of the head, making it necessary to reach behind the heads to make adjustments. The Front Die Adjust Assembly relocates these adjustment bolts so that all four are located on the front side of the head. This position reduces the risk of injury to operators while making adjustments.



Quick Flow Head

The new quick flow head is based on state of the art technology originally developed for the Uniloy UR90 machine. The quick flow head features a specially designed mandrel sleeve and feed throat with optimized rheology and concentricity. This new head design offers:

- Faster drop times
- More consistent wall distribution
- Straighter parisons
- Eliminates adjustable pressure ring



QUICK FLOW HEAD ASSY

Packages Options Include

The following table details the packages available for dash 1 and dash 4 heads. This table assumes that your dash 1 or dash 4 head does not currently feature bleed screws, front die adjust, or quick flow. If you have a head assembly that already has one of these options and you want to further enhance it with other options, please contact your Uniloy Parts Sales Representative for a quotation.

Converting From	Converting To			Conversion Requires							
Head Style	Quick Flow	Bleed Screws	FDA	Die Block	Feed Throat	Mandrel Sleeve	Bleed Screws	FDA	Offset Forks	Incline Crossmember	Incline Nozzle
-4	Yes	Yes	Yes		x	x	x	x	x	x	x
-4	Yes	Yes	No		x	x	x		x	x	
-4	Yes	No	Yes		x	x		x			
-4	No	Yes	Yes	x	x		x	x	x	x	x
-4	Yes	No	No		x	x					
-4	No	Yes	No	x	x		x		x	x	
-4	No	No	Yes		x			x			
-1	Yes	Yes	Yes		x	x	x	x	x	x	x
-1	Yes	Yes	No		x	x	x		x	x	
-1	Yes	No	Yes		x	x		x			
-1	No	Yes	Yes		x		x	x	x	x	x
-1	Yes	No	No		x	x					
-1	No	Yes	No		x		x		x	x	
-1	No	No	Yes		x			x			

Testimonials

Customer satisfaction is our top priority. One of the ways Uniloy strives to achieve this is by making the latest technological advances available and retrofitable to customers running existing Uniloy equipment. Listed below are a few comments from satisfied customers who have already installed the quick flow head enhancement.

Dan Gall from James Austin Company states:

“I get quicker drop times, less charred resin on startup, and I haven’t had any contamination stuck on the upper pressure ring like I use to and have to tear heads apart”. “Also runs less extruder rpm’s than the other head did”. “In time, I will replace all of our -4 heads with the quick flow head with added front die adjust”.

Another satisfied customer states:

“High performance eight head performs as promoted”. “Good drop times, less cranking to clear dirt, minimal parison walk”. “Running 6.2 cycle time with this head”.

Sales and Service

For more information on these upgrades, please contact your local Uniloy Parts Sales Representative. Trained Uniloy Service Representatives are available to assist in the installation of these packages at your facility.