

Exclusive Crosshead Technology

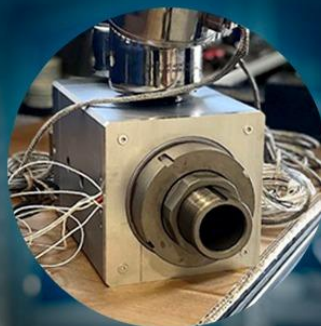
For the bedding or sheathing process **mainly by using highly abrasive compound**, our engineering team spent time studying these wear issues alongside material suppliers.

Our specialized crosshead engineered for highly abrasive compounds, equipped **with inner replaceable insert technology UP TO 150 mm of cable diameter**.

This replaceable insert technology is a game-changer for lines running heavy loaded/abrasive HFFR/LSZH/PVC compounds.

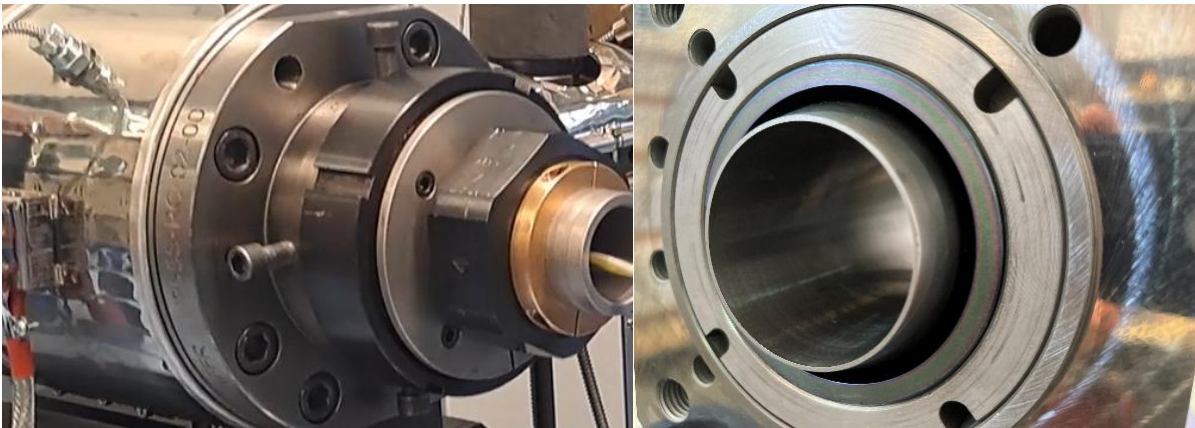
THE HEAD NEVER WEARS OUT!

Only our replaceable Insert!



HP
EXTRUSION



HIGHLY ABRASIVE COMPOUND OR FILLER? ⚠️

Rapid wear, low performance, high pressure, and unexpected line stops during the cable sheathing, filling, or bedding process? 🛠️❌

Let's be honest: processing highly filled compounds is a tool killer!

OUR PROVEN SOLUTION:

We want to be clear: this advanced architecture is specifically engineered and recommended for lines running highly abrasive compound.

It is a proven technology, with numerous crossheads already successfully operating in the field worldwide.

Today, the increasing use of highly filled PVC / HFFR / LSZH compounds and special additives – engineered to lower material costs or to pass strict fire regulations (such as CPR) – accelerates mechanical wear of the head body of both sheathing and filling lines.

Even with high-performance steel and ultra-hard coatings, abrasion always wins. It's only a matter of time. Regarding pressure – which accelerates wear – and flow control: proper design of the inner head body, a performed melt flow distributor, correct flow geometry, and a tailored tool chamber are the only ways to handle internal pressures while securing safety, quality, and perfect cable centering.

But when standard head bodies degrade, you lose tolerances, quality and spend thousands on heavy refurbishments.

Instead of fighting inevitable wear, our architecture isolates it precisely where the highly abrasive compound flows.

Thanks to our replaceable insert technology (shown in the photo above):

- **Zero Wear on the Head Body:** The main crosshead body remains untouched by wear, completely eliminating heavy refurbishment costs.
- **Consistent production quality over time**
- **5-Minute Maintenance:** Only the internal insert is subject to wear and can be replaced in just **5 minutes** using our dedicated custom tools provided with the system.

Stop wasting money on refurbishing entire crossheads. Protect your main asset.