

Features	Benefits
Efficient, accurate stretching	<ul style="list-style-type: none"> <li>Increased usable product</li> </ul>
State-of-the-art safety features, including safety mats, light curtains, and two-handed safety controls	<ul style="list-style-type: none"> <li>Maximum operator safety</li> </ul>
Various jaw designs—cam-style, diagonal “uni-slide,” controlled vertical crush	<ul style="list-style-type: none"> <li>Accommodate various operational needs</li> </ul>
One, two, or no-man operational modes	<ul style="list-style-type: none"> <li>Labor savings</li> <li>Flexibility to meet varying operational challenges</li> </ul>
Controlled crush distance and pressure (CVCS model)	<ul style="list-style-type: none"> <li>Preservation of profile surface quality and dimensional integrity</li> <li>Elimination of slippage</li> </ul>

### Extrusion Expertise That's Always Within Reach

Granco Clark's commitment to assuring maximum equipment performance has earned us a record of more successful extrusion installations than any other company in North America.

First, we work with you to recommend the right equipment for your particular needs. Our highly experienced employees, together with our ISO-9001-certified quality assurance system, ensure a smooth acquisition from purchase order to up-and-running. Once equipment is

installed, we adjust it, train your personnel to operate it, and get it into service quickly.

After installation, we follow up to make sure equipment is performing at peak efficiency and that you're completely satisfied. And we back all of our equipment with the industry's best warranty.

We never stop being your key resource. Need a part? Order replacement parts any day of the week, any time with our 24-hour parts hotline—more than 80% are available for delivery the next day or sooner.

If equipment goes down, help is available immediately with Granco Clark's modem support. Service is free during standard business hours, with additional assistance available 24/7. We'll run diagnostics on your system via modem and walk you through any repairs.

With Granco Clark, you have peace of mind that your extrusion line is delivering the highest possible performance and productivity. And you can count on us for continued service and support over the full life of your equipment.



Performance. Productivity. Peace of Mind.

For more information contact us by phone, e-mail, or visit our web site.

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More Usable Product. Higher-Quality Profiles.  
 Advanced Safety Technology.



Stretching is one of the most critical post-quenching operations in the extrusion process: Performing that function correctly often makes the difference between usable product and scrap. An overstretched profile will be out of tolerance; a profile that is not stretched to its yield point will snap back unstraightened. Both are destined to become scrap.

Granco Clark stretchers deliver precise, accurate stretching, which enhances profile quality and keeps scrap to a minimum. And used in conjunction with our belt systems, our stretchers straighten and batch profiles for efficient downstream operations, increasing throughput as well.

### Versatility to Meet Any Operational Challenge

Granco Clark stretchers accommodate a broad range of requirements. Our stretchers are available in cam-style, diagonal “uni-slide,” and controlled vertical crush jaw designs. One, two, or no-man operational modes offer labor savings and give you the flexibility you need to meet operational challenges.

### Superior Safety Features

The safety of Granco Clark stretchers is unsurpassed in the industry. Three safety mats are positioned around the perimeter of the power-head end; any intrusion into this area immediately stops the stretcher. At both ends of the stretcher, light curtains protect the operator from injury by releasing the jaw if the curtain is penetrated. Two hands—one to activate, the other to confirm—are required to operate the stretcher jaws, insuring that both of the operator's hands are out of harm's way. If you prefer, an additional light curtain may replace the perimeter safety mats.



*The Granco Clark Controlled Vertical Crush Stretcher delivers maximum gripping control with minimum distortion.*

### Maximum Gripping, Minimum Distortion

Precise control of gripping pressure prevents the stretcher both from excessively distorting the cross-section of profiles and from allowing slippage of the extrusion. The Granco Clark Controlled Vertical Crush Stretcher (CVCS) delivers that kind of precision.

Granco Clark's approach to CVCS technology is unique. Our design uses a pivoting upper jaw that can be set to any closing dimension, minimizing the distortion that can be caused by traditional jaw designs and significantly decreasing scrap.

When maximum gripping is required, as when stretching solid bar stock, the upper jaw can be set to pivot fully until the desired

pressure is reached. This ensures that maximum crushing force is exerted, thereby preventing slippage.

The CVCS's vertical motion prevents the extrusion from getting “hung up” in the teeth of the jaw. This eliminates operational delays and reduces the need for manual intervention.



*The stretcher jaws open to accept new profile batches...*



*...then clamp down tightly to ensure precise, accurate stretching.*