

The best offense... is a SOLID defense.

Albarrie's Defender Series

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New Product Spotlight...

An Extruder's Best Line of Defense

For aluminum extruders, maintaining a quality surface finish while separating extrusions when running multi-cavity dies can be a challenge. Traditional graphite pins or pegs can chip and break with relative ease often resulting in profile surface imperfections, and loss of valuable production time. Finally a product has been developed by Albarrie of Ontario, Canada to overcome this challenge. Custom designed Slotback rollers (Figure 1) are part of the Albarrie "Defender Series" for handling systems in aluminum extrusion plants. They are made with high temperature Kevlar and their running surface is designed to withstand the heat from extruded aluminum while eliminating any scratching and marring from surface contact.

Whitehall Industries in Ludington, MI is one of many aluminum extruders that use Slotbacks in their operation and they have been met with approval from the plant floor to the front office. According to Bob Dewey, press operator at Whitehall, "Using the Albarrie separator rollers is quick and clean with our setup and I find they make it easier to produce good extrusions that are free of carbon marks and scratches. We use



Figure 1. Slotback rollers for extrusion handling systems eliminate surface scratches or marring, enabling extrusions with a high quality surface finish.

them for all our multi-hole dies and I will even use them with single hole dies to ensure the extrusions align better with the puller."

Joe Chapados, operations manager for Whitehall, commented on quality and cost improvements. "At Whitehall we have a strong focus on supplying our customers with the highest quality products possible and this relates directly to our ISO 16949:2002 certification. We have found that using Albarrie's rollers to help separate our extrusions aids greatly

in maintaining the high quality of surface finish we desire. A side benefit is that my operators spend less time setting up for a new die and my maintenance crews waste less time repairing or replacing graphite pins and pegs. The end result is that we have reduced cost while putting out better product."

The Slotback roller is an offshoot of Albarrie's highly successful "Fullback" fully integrated roller system that utilizes highly compressed, high density Kevlar, rather than typical roller sleeves, in order to achieve extreme service life in comparison to standard, more fragile roller sleeves. Using this technology, now in a vertical position, Albarrie engineers custom designed rollers that can

be positioned wherever the customer requires, in order to separate profiles or to guide profiles and prevent straying, offering exceptional performance in any environment, including moist/wet environments. Slotbacks can be manufactured to diameters as small as 0.875". Shaft lengths and configuration are determined by the customer.

Editor's Note: For more information email the company at: extrusion@albarrie.com or go to the website: www.albarrieextrusion.com



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