

CREATING NEW WINDOWS OF OPPORTUNITY AT CDS

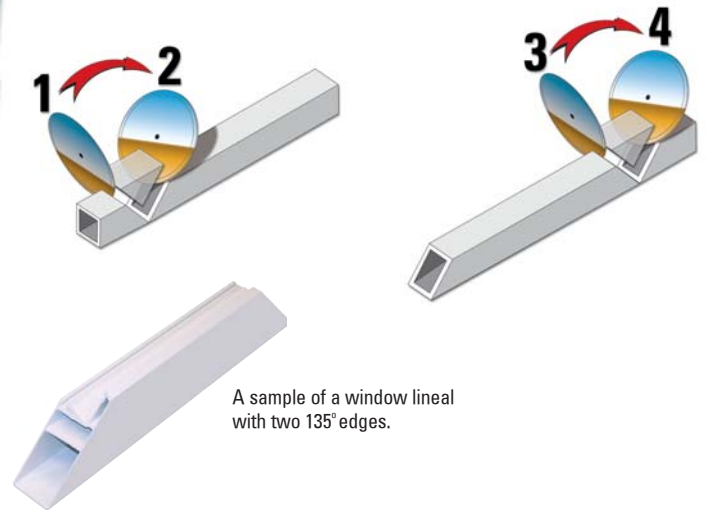
MACHINERY NEWSLETTER

Downstream Extrusion

ARC™ Inline multi-angle V-notch saw

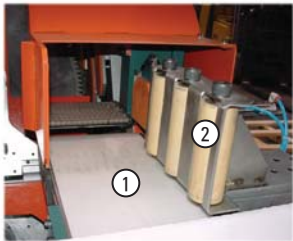
Whereas the traditional method for rendering angled edges on post-extruded profiles is to use a miter saw offline, CDS's **ARC™** (Angled Repositioning Cuts) saw is used inline to create the same result. Powered by a servo motor and drive, the saw cuts at two preset angles, from 45 to 135 degrees, at one or both ends of a profile. (See diagram.) Originally designed to cut window frames, the ARC saw is also suitable for cutting fence posts, fence panels, and other applications with angled edges. To view a video clip of the saw's cutting cycle, visit: www.cdsmachines.com/arc.wmv

- 45° to 135° angle cutting capability
- 36 in. table travel
- Cut length accuracy of ± 0.020 in.
- 18 in. dia. carbide-tipped saw blade
- 3 Hp AC motor for saw blade
- PLC-controlled touch-screen panel
- Self-adjusting clamps
- Cut-out parts ejection system
- Vacuum dust collector

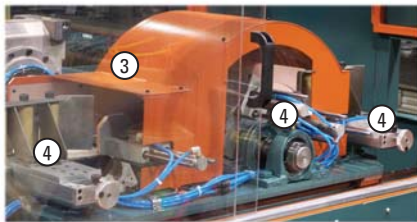


A sample of a window lineal with two 135° edges.

See the saw live at www.cdsmachines.com/arc.wmv



1. Conveyor
2. Guide rollers

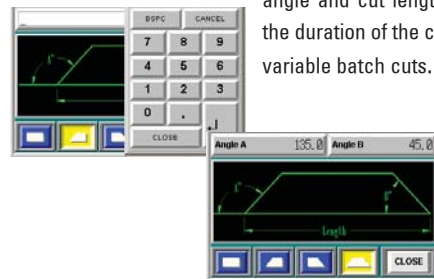


3. Blade enclosure
4. Clamps

About CDS

CDS designs and manufactures post-extruder machinery and systems for a broad array of thermoplastic, thermoset, and polymer-based applications. Products include Haul-offs, Sizing and Cooling Tanks, Saws and Cutters, Collection Tables, Embossers, and auxiliary units. For more information, visit www.cdsmachines.com or call 1 877-633-1993.

The saw's user-friendly **touch-screen** control panel enables operators to set the cutting angle and cut length of their profiles, adjust the duration of the cutting cycle, and program variable batch cuts.



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