

DOWNSTREAM EXTRUSION MACHINERY FOR POLYMER SLABS, RODS, AND TUBES.

PULLING

Slab/Rod pullers

When belt or cleat pullers are not powerful enough to pull heavy semi-finished polymer components, extrusion processors turn to CDS's Slab/Rod Haul-offs. With a massive pulling force, sizeable contact area, and rigid construction platform, CDS's Slab/Rod Haul-off is designed to pull extruded slab, rod, and tube of various polymer-based materials.



Standard configurations

- Contact length : 48 - 60"
- Contact width: 15 - 60"
- Conveyor opening: 6 - 18"
- Speed range: 0.02 – 0.5 FPM
- Motor: 0.5 - 1 HP
- Voltage: 230, 380, 460, 575
- PH/z: 3 / 50, 60

Standard features

- Vector motors and drives
- Individually-driven conveyors
- Hydraulically controlled clamping for upper conveyor
- Front-mounted operator station
- 38 - 42" centerline height
- Pulling force: 0 - 100,000 lbs*

*Greater pulling forces available



CCHB 48-27



Custom-profiled cleats for solid or thick-wall hollow rods

CDS's model CCHB 60H-52 has a contact width of 52"



CCHB 60H-52



User-friendly "touch screen" control panel for setting clamping pressure and conveyor speed; selecting measurement units, and monitoring puller performance.



Hydraulically-actuated clamping



See back

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CUTTING

Cross-cut and up-cut saws

CDS's traveling **Cross-cut** and **up-cut** saws accurately cut wide, slow-speed profile applications while in synchronization with the extrusion line speed. Cross-cuts saws (CTS-C series), with their table-mounted carbide tipped blades, cut laterally, while up-cut saws (CTS series) cut products vertically. Servo-powered models provide greater cutting accuracy and consistent torque across multiple speed ranges.



Cross-cut Saw, CTS-C-52-54

CUTTING

Rotary Saw

Standard models:

CRS 3-16: 3 - 16 in. (76.2 - 406.4 mm)

CRS 10-24: 10 - 24 in. (254 - 609.6 mm)



Rotary Saw, CRS 6-20

The Rotary Saw is designed to accurately cut pipes of various materials between 3 to 24 inches in diameter. This unit's carbide or diamond-chip blade executes its incision around the pipe's circumference while in synchronization with the extrusion line speed. As an option, the blade can perform continuous revolutions around the product.

Standard configurations

- Height capacity: 0 - 10"
- Width capacity: 0 - 76"
- Max O.D.: 0 - 10"
- Longitudinal table travel: 36- 60"
- Voltage: 230, 380, 460, 575
- PH/z: 3 / 50, 60



INLINE ANNEALING TABLE

Like a hot air oven, CDS's inline annealing table quickly shrinks the profile or tube back to its natural dimensions.



CAT 30-12

