

# 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

