REELPOWER INDUSTRIAL

HD CUT-TO-LENGTH SERIES

HDCTL4-001 HD CUT-TO-LENGTH UNIT

Precision automatic cutting with bandsaw configuration for material up to 2″ diameter.

KEY SPECIFICATIONS

3 HP	0–90 FPM	460 VAC / 3 PHASE	2-INCH
AC PULLER DRIVE	PULLER SPEED RANGE	POWER REQUIREMENTS	MAX MATERIAL DIA.

STANDARD FEATURES

- Automatic HD Cut-to-Length Machine for material up to 2″ diameter
- 3 HP AC Variable Speed Puller Drive System, 0–90 FPM, 460 VAC, 3 Phase
- 21″ puller head length
- Full Lexan guarding for cutter and cater-puller
- Forward and reverse, set right-to-left operation
- Heavy-duty mobile frame with floor locks and casters
- Entry and exit adjustable guide roller system for material up to 2″ diameter
- Custom guides per customer material
- Pneumatic open and close of pulling head



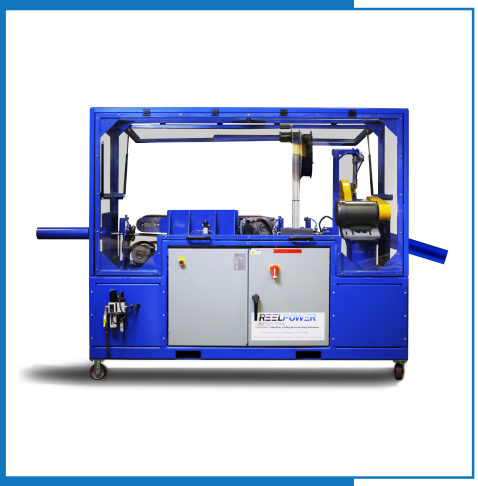
CONTROL SYSTEMS

OPERATOR CONTROLS

- Power On/Off
- HMI Touch Screen Programmable Controls
- Speed Potentiometer
- Start and Stop Pushbuttons
- Emergency Stop

PLC/HMI MEASUREMENT SYSTEM

- Large display programmable digital readout
- Automatic slowdown, stop-to-length, and Batch Counter programmable limits
- Built-in pre-scaler with accuracy of +/– 1/2%
- Recipe and remote monitor readout for material type, length, and batch count settings
- Real-time remote monitor readout of active recipe, current footage, and batch total



AUTOMATIC BANDSAW SYSTEM

- Automatic, pneumatically actuated bandsaw
- Downstroke operation with pneumatic cylinders for stroke in/out
- Interchangeable pneumatic automatic guides to improve cutting accuracy and prevent blade jam
- AC variable speed motor on saw
- Saw motion via electric linear actuator
- Debris tray included



AUTO INDEXING TIE-WRAP SYSTEM

Located on the HDCTL4-001 frame. Stops in two positions to tie-wrap material before and after the cut area.

- One tie wrap head, indexing to two positions around the area to be cut
- Tie wrap actuated via PLC/HMI control
- First tie wrap placed before the cut area
- Second tie wrap placed after the cut area
- Both wraps positioned near the cut area for clean, secure coil termination

FACTORY ACCEPTANCE TESTING (FAT)

- FAT conducted at Reel Power's facility in Oklahoma City, OK — customer personnel may witness testing as needed
- Reel Power will replicate customer operating conditions as closely as possible; actual production conditions (e.g., fresh extruded material, footprint/layout) may limit full replication
- When customer-supplied material is used, Reel Power cannot guarantee level-wound coils for material already set to a coil shape or specific reel diameter
- FAT documentation generated and provided to customer for review at run-off
- Customer to supply sufficient test material for in-house FAT procedures; required quantities provided by your Reel Power salesperson

Built to Your Specs

Custom-built and tested to your exact specifications | FAT documentation provided at run-off

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Request a Quote Today — Call 405.672.0000 or visit www.reelpowerind.com