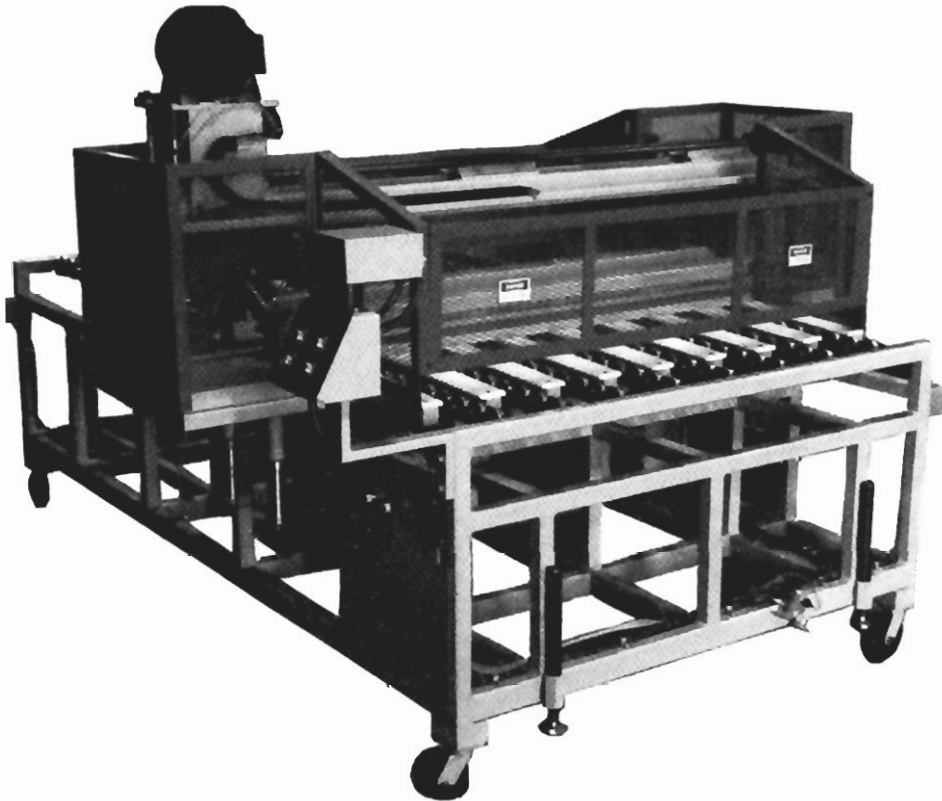




CROSS LINE SAW



MODELS AVAILABLE:

Model Number	Max. Sheet Width (ins.)	Max. Sheet Thickness (ins.)	Saw Blade Dia. (ins.)
CTS31	36	1	12
CTS41	48	1	12
CTS51	60	1	12
CTS61	72	1	12
CTS71	84	1	12
CTS33 (foam)	36	3	16
CTS43 (foam)	48	3	16
CTS53 (foam)	60	3	16
CTS63 (foam)	72	3	16
CTS73 (foam)	84	3	16
CTS36 (foam)	36	6	22
CTS46 (foam)	48	6	22
CTS56 (foam)	60	6	22
CTS66 (foam)	72	6	22
CTS76 (foam)	84	6	22

SAW BLADE DRIVE:

- 5 to 10 HP (depending on application), 1750 RPM, AC motor
- Motor output shaft connected to saw blade spindle by a multiple V-belt drive

CROSS-LINE TRAVEL:

- Cross-line travel powered by DC-SCR motor-driven screw
- Maximum to minimum feed rate 30 to 1
- Cross-line carriage movement by linear bearings travelling on hardened steel shafting
- Saw carriage return accomplished by motor reversal
- Saw table top is 1/2" thick UHMW liner; grooved cross-line to provide for saw blade clearance

IN-LINE TRAVEL:

- Cross-line travel carriage frame mounted on second carriage moving in the in-line direction
- In-line carriage supported by linear bearings moving on hardened steel shafting
- Air actuated bar clamps couple the carriage to the moving sheet extrudate during the sawing process - sheet is clamped both upstream and downstream of the saw blade
- In-line carriage travel assisted by air cylinders - assisting force can be varied from zero to the application of some tension to the sheet extrudate
- An entrance roller conveyor is provided to support the sheet being transported from the draw roll stand

FRAME & FLOOR SUPPORTS:

- Frame is heavy wall tubing and plate construction
- Four swivel castors provide for movement of the saw, if required
- Four screw jack hold-downs allow for height adjustment and prevent movement during operation

SAFETY FEATURES:

- Fully guarded with expanded metal guards
- Guards are extended on both sides of the blade for additional operator safety
- Actuation of emergency buttons stops the saw blade rotation and retracts the blade from the sheet extrudate
- Saw blade rotation will stop and blade will be retracted from sheet extrudate if in-line travel limit is reached before cross-line saw operation has been completed

DUST COLLECTION:

- Shroud over saw blade
- Male exhaust port connections to shroud for coupling to customer-furnished dust collection and disposition system
- Brush type seals on perimeter of shroud to contact sheet product and assist in dust control

ELECTRICAL:

- Standard electrical - 460V/3PH/60HZ
- Optional electrical available on request

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