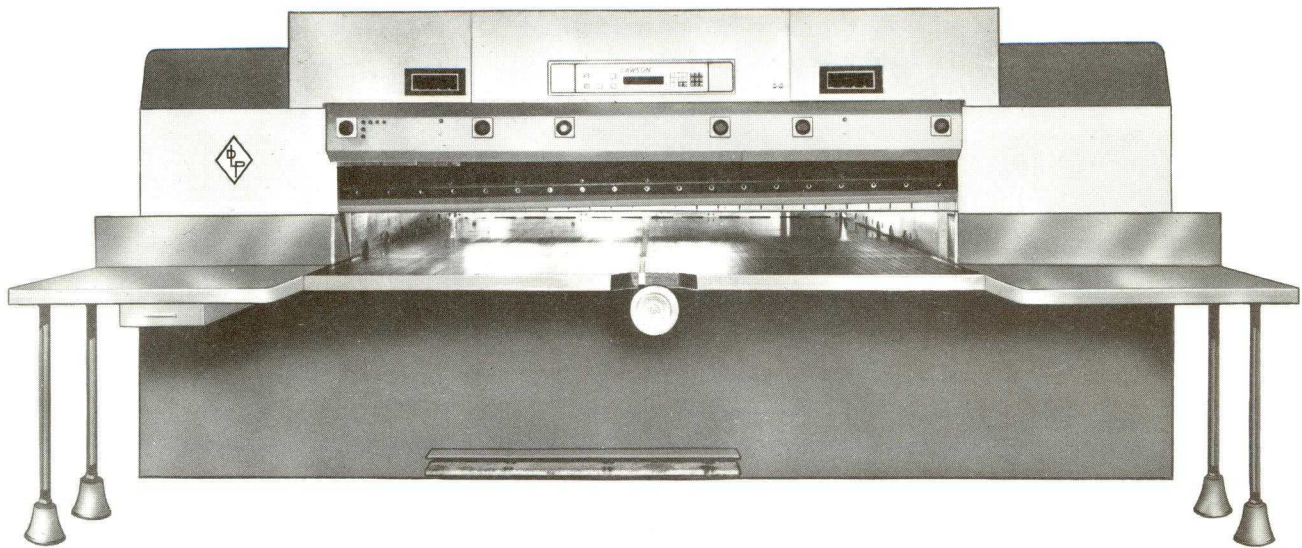


# LAWSON

87" & 110"

**MILL TRIMMERS with  
MICROCOMPUTER**



- Microcomputer
- Low pressure air cushion on main and side tables with blower
- Dual, conical gear knife drive
- Nylon slot closing device on rear table
- Rear loading from either side available
- Pre-loaded, anti-friction bearings
- Fully hydraulic contour flexible clamping
- Three digital LED back gauge position indicators
- Cut line guide/floodlight combination
- Illuminated front table with three inlaid brass rules

Cutting Width	Clamp Opening	Knife Speed	Width of Clamp	Rear Table Depth	Front Table Depth	Horsepower	Clamp Pressure
87"	8-1/8"	30SPM*	6"	100"	26"	10	18,000 lbs.
110"	8-1/8"	30SPM*	6"	100"	26"	15	20,000 lbs.

\*Strokes per minute

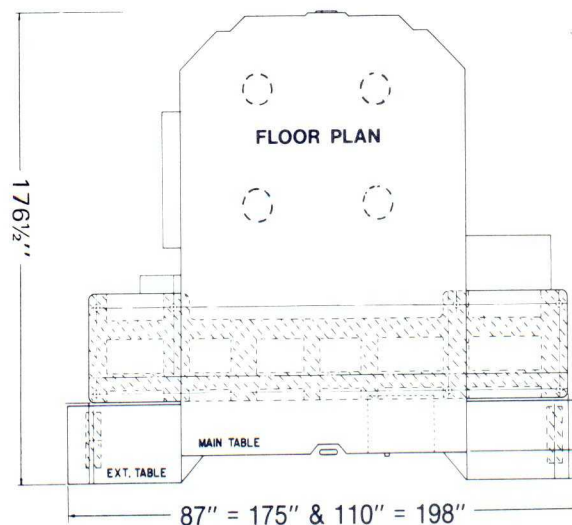
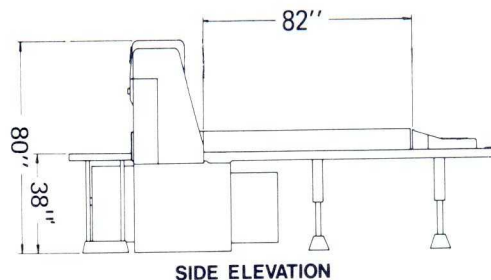
## MICROCOMPUTER

### LAWSON 87" & 110" MILL TRIMMERS

#### SPECIFICATIONS

Stopping accuracy .....	±.01"
Minimum continuous spacing .....	1/64"
Minimum distance to knife .....	6-1/4"
Side tables .....	25x44"
Maximum rear load sheet length .....	83"
Useable amount of knife (width) .....	1-7/8"
Knife dimensions .....	1/2x125x5"
Knife bevel .....	26°
Crate volume .....	1,300 cu. ft.
Floor load distribution:	
Main console (7 pads) .....	each approx. 2,700 lb./ 75 psi
Rear table (4 pads) .....	each approx. 2,000 lb./117 psi
Extension tables (1 pad each) ..	each approx. 225 lb./ 13 psi

SIZE	WEIGHT IN POUNDS		CRATE VOLUME
87"	NET	24,500	1150 cu. ft.
	GROSS	27,500	
	EXPORT	29,750	
110"	NET	27,500	1300 cu. ft.
	GROSS	31,250	
	EXPORT	33,550	



## EQUIPMENT AND FEATURES

#### CLAMP

6" wide Lawson Flexible Contour clamp  
 Conforms to lift variations up to 1/4"  
 Tip-Toe hydraulic cushion treadle control  
 Variable clamping pressures 1,000 to 20,000 lbs.  
 Pressure indicator and adjustment control located under front tables (Gauge PSI 200 to 1,000 PSIG)

#### KNIFE

Double shear cutting action  
 Mechanical, double end pull knife bar  
 Dual multi-mesh, conical gear drive  
 Three sets interlocked two hand actuating controls  
 Pre-loaded, anti-friction bearings

#### BACK GAUGE

Three digital LED position indicator screens at eye level  
 Hand wheel in front table with graduations in 64ths  
 One piece, solid face back gauge

#### AUTOMATIC SPACING

Microcomputer  
 Increased production  
 D.C. drive, non-spill back gauge motor control  
 Memory stored programs for repeat jobs  
 All Solid State Circuitry

#### MOTORS

Main Motor 87"-10 H.P. — 110"-15 H.P.  
 Back gauge motors 3/4 H.P.  
 Flywheel speed 750 RPM  
 For use on 208, 230, 460, or 550v, 60 cycle, 3 phase AC  
 Optionally available for use on:  
 230/460V, 60 cycle, 2 phase AC  
 230/460V, 50 cycle, 3 phase AC

#### MAINTENANCE

Heavy duty construction  
 Fully enclosed design  
 Gears sealed in oil bath  
 Hinged doors on front for easy access  
 Pre-loaded, anti-friction bearings  
 Oil run off tray cast into base  
 Only 3 solid state circuit boards

#### SAFETY

Two hand over-the-table knife controls (3 positions)  
 Electrical and mechanical non-repeat device  
 Double, automatic pull bar overloads  
 Floodlighted cutting table  
 Skid-proof extra wide treadle  
 Clamp safety foot treadle interlock

Specifications subject to change without notice.

DEXTER-LAWSON  
 PRODUCTS LIMITED

